



Food and Agriculture  
Organization of the  
United Nations



# FAO PUBLICATIONS CATALOGUE 2018

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Chief: **Pedro Javaloyes**. Marketing & sales: **Suzanne Lapstun** (manager) and **Cora-Lee Canzian**  
Rights & licensing: **Jessica Matthewson** and **Radhika Gopali**  
FAO Library: **Véronique Montes Baffier**

### **FAO CATALOGUE 2018**

Art Director: **Monica Umena**  
Editors: **Daniela S. De Pascalis** (project coordinator)  
Illustrations: **Del Hambre**

FAO headquarters  
Viale delle Terme di Caracalla  
00153 Rome, Italy  
**[www.fao.org/publications](http://www.fao.org/publications)**

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**KENYA**

Members of Samburu pastoral community during destocking in a remote area near Barsolai, Samburu County.



# INTRODUCTION

**Only with knowledge can we free the world from hunger, malnutrition and poverty.** According to the Basic Texts of the Food and Agriculture Organization of the United Nations (FAO), the Organization's first function is to "collect, analyse, interpret and disseminate information relating to nutrition, food and agriculture".

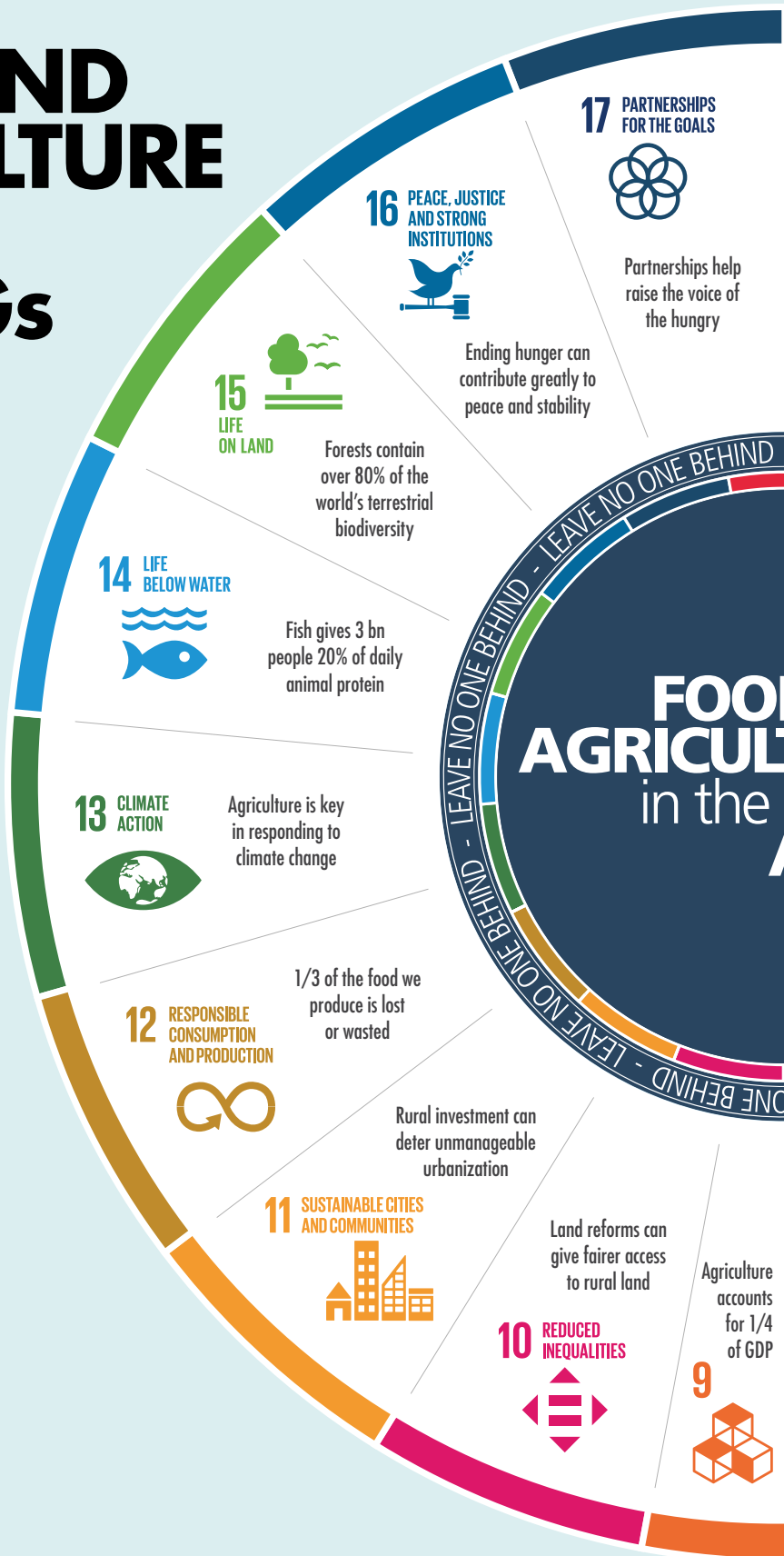
**FAO plays a unique role** as a neutral forum, providing unbiased, high-quality information across all areas relating to food, agriculture and sustainable natural resources management. Its more than 700 publications a year range from authoritative analysis for policy-makers and expert guidance for farmers to nutritional advice for families and general knowledge for young people.

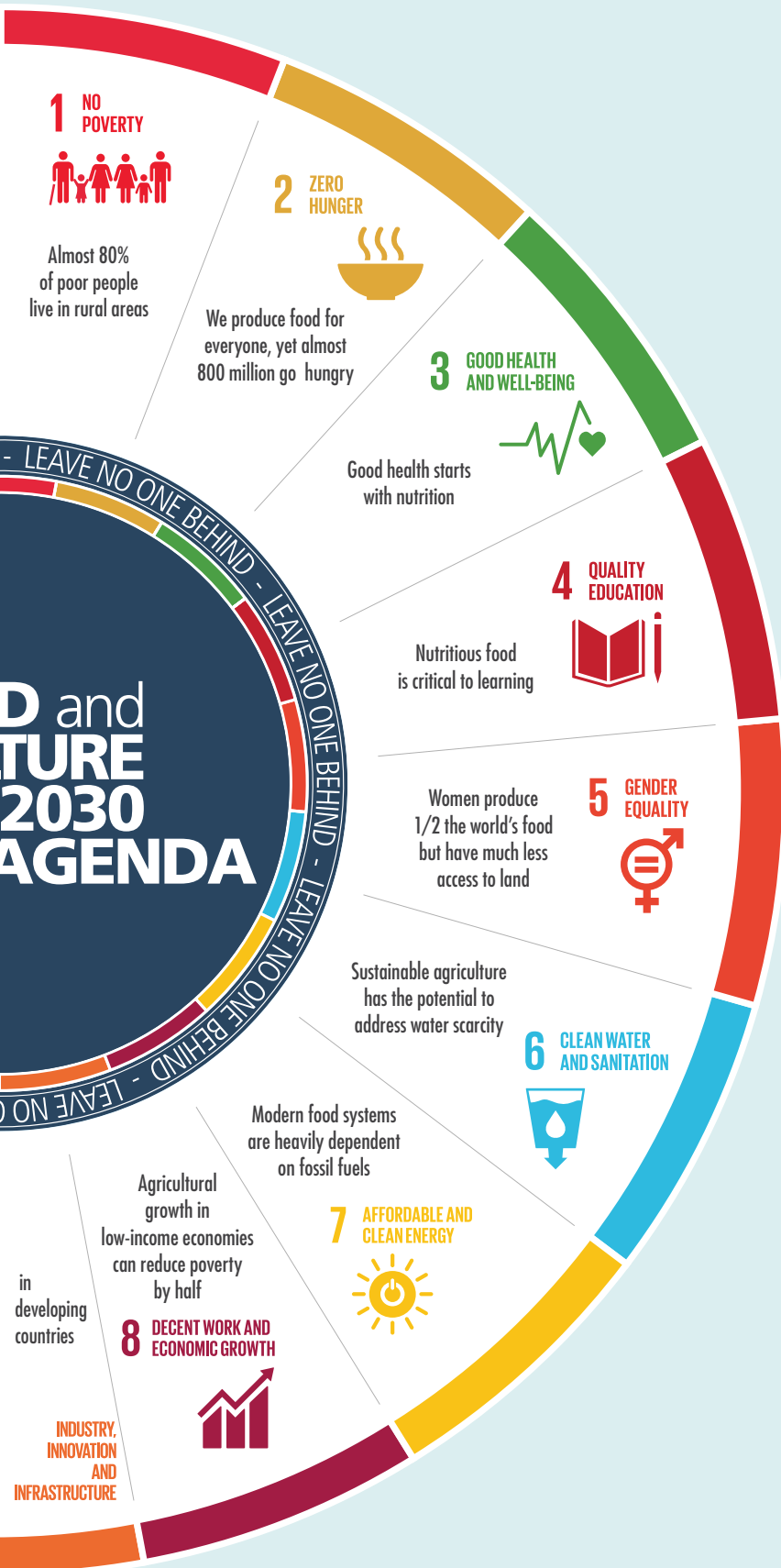
In addition to English, most major reports are also produced in Arabic, Chinese, French, Russian and Spanish, and many publications are produced in other languages, ranging from Somali to Tagalog.

**This catalogue includes** the Organization's most recent titles, as well as older publications that have become references in their respective fields. The In Focus section presents priority areas, complementing the thematic section which covers long-standing areas of work. The Sustainable Development Goals (SDGs), agreed by the United Nations and the international community in 2015, provide the roadmap guiding all of FAO's work.

# FOOD AND AGRICULTURE ACROSS THE SDGs

From ending poverty and hunger to responding to climate change and sustaining our natural resources, food and agriculture lie at the very heart of the 2030 Agenda for Sustainable Development.





# THE 17 SUSTAINABLE DEVELOPMENT GOALS

**GOAL 1:** End poverty in all its forms everywhere

**GOAL 2:** End hunger, achieve food security and improved nutrition and promote sustainable agriculture

**GOAL 3:** Ensure healthy lives and promote well-being for all at all ages

**GOAL 4:** Ensure inclusive and quality education for all and promote lifelong learning

**GOAL 5:** Achieve gender equality and empower all women and girls

**GOAL 6:** Ensure access to water and sanitation for all

**GOAL 7:** Ensure access to affordable, reliable, sustainable and modern energy for all

**GOAL 8:** Promote inclusive and sustainable economic growth, employment and decent work for all

**GOAL 9:** Build resilient infrastructure, promote sustainable industrialization and foster innovation

**GOAL 10:** Reduce inequality within and among countries

**GOAL 11:** Make cities inclusive, safe, resilient and sustainable

**GOAL 12:** Ensure sustainable consumption and production patterns

**GOAL 13:** Take urgent action to combat climate change and its impacts

**GOAL 14:** Conserve and sustainably use the oceans, seas and marine resources

**GOAL 15:** Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss

**GOAL 16:** Promote just, peaceful and inclusive societies

**GOAL 17:** Revitalize the global partnership for sustainable development

# FLAGSHIPS

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FAO'S FLAGSHIPS ARE THE LEADING PUBLICATIONS WITHIN THEIR RESPECTIVE DOMAINS. THEY STAND TOGETHER AS A COMPREHENSIVE OVERVIEW OF THE MOST PRESSING GLOBAL ISSUES AND CHALLENGES.



# THE STATE OF FOOD AND AGRICULTURE 2017

## LEVERAGING FOOD SYSTEMS FOR INCLUSIVE RURAL TRANSFORMATION



The 2017 report looks at rural and urban areas as a continuum ranging from the farm level to megacities. With economic growth and population dynamics driving societal transformations, it emphasizes the dynamic roles that rural towns and secondary cities play in boosting the rural economy.

Rome, 2017  
180 pp., 210 x 297 mm  
USD 56.00, Paperback  
Also available in e-book format  
Available in: Arabic, Chinese, French, Russian, Spanish



### DIGITAL REPORT

Online version of the main report with the core text and enriched graphics.

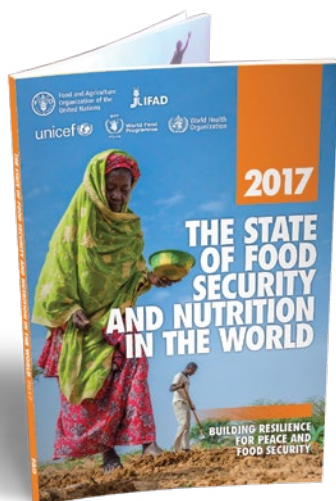
## THE STATE OF FOOD AND AGRICULTURE 2018

MIGRATION, AGRICULTURE AND RURAL DEVELOPMENT

There is growing consensus that the nature and dimensions of contemporary migration call for comprehensive global action that brings together humanitarian and development responses. SOFA 2018 will explore the linkages between rural outmigration (internal and international) and agricultural and rural development and how these linkages vary across regional and country contexts.

**FORTHCOMING OCTOBER 2018**





FAO, IFAD, UNICEF, WFP & WHO,  
Rome 2017  
ISBN 978-92-5-109888-2  
128 pp., 210 x 297 mm  
USD 36.00, Paperback  
Also available in e-book format  
Available in Arabic, Chinese, French,  
Russian, Spanish

# THE STATE OF FOOD SECURITY AND NUTRITION IN THE WORLD 2017

## BUILDING RESILIENCE FOR PEACE AND FOOD SECURITY

Using both the traditional measure of the prevalence of undernourishment and a new indicator, the prevalence of severe food insecurity, this report marks a new era in the monitoring of food security and nutrition in the context of the 2030 Agenda for Sustainable Development and the UN Decade of Action on

Nutrition. The report warns that the long-term declining trend in undernourishment seems to have come to a halt and may have reversed. Meanwhile, though progress continues to be made in reducing child malnutrition, rising overweight and obesity are a concern in most parts of the world.

### DIGITAL REPORT

Online version of the main report with the core text and enriched graphics.



### THE STATE OF FOOD SECURITY AND NUTRITION IN THE WORLD 2018

EFFECTS OF CLIMATIC SHOCKS ON FOOD SECURITY AND NUTRITION

In addition to providing measurements of food security and nutrition, the report will focus on climate change as a driver of food insecurity.

**FORTHCOMING SEPTEMBER 2018**

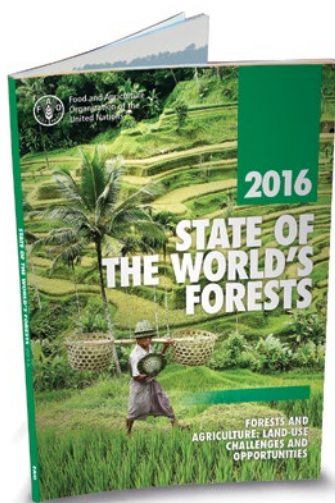
### REGIONAL OVERVIEWS OF FOOD SECURITY 2017

SEE PAGE 12-13



# STATE OF THE WORLD'S FORESTS 2016

## FORESTS AND AGRICULTURE: LAND-USE CHALLENGES AND OPPORTUNITIES



Rome, 2016  
ISBN 978-92-5-109208-8  
124 pp., 210 x 297 mm  
USD 65.00, Paperback  
Also available in e-book format  
Available in: Arabic, Chinese,  
English, French, Russian, Spanish

Forests and trees support sustainable agriculture. They stabilize soils and climate, regulate water flows, and provide a habitat for pollinators. They also contribute to the food security of hundreds of millions of people by providing food, energy and income. Yet, agriculture remains the main driver of deforestation globally.

**State of the World's Forests 2016** shows that it is possible to increase agricultural productivity and food security while halting or even reversing deforestation, highlighting the successful efforts of Costa Rica, Chile, the Gambia, Georgia,

Ghana, Tunisia and Viet Nam. Integrated land-use planning, underpinned by the right policy instruments, is the key to balancing land uses.

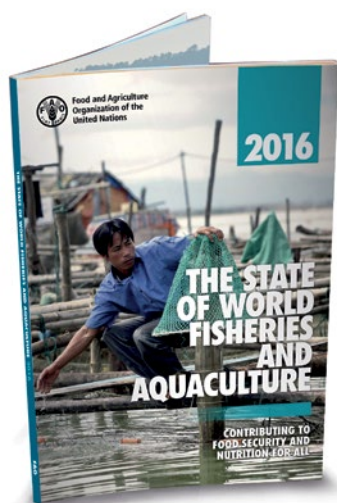
The biennial **State of the World's Forests** report covers the status of forests, policy and institutional developments and other key issues concerning the forest sector. It shares current, reliable and relevant information to facilitate informed discussion and decision-making.



## THE STATE OF THE WORLD'S FORESTS 2018

The **State of the World's Forests 2018** provides an assessment of the contribution of forests and trees to our landscapes and livelihoods and identifies actions that can be taken to accelerate progress towards the Sustainable Development Goals.

**FORTHCOMING JULY 2018**



Rome, 2016  
 ISBN 978-92-5-109185-2  
 204 pp., 210 x 297 mm  
 USD 75.00, Paperback  
 Also available in e-book format  
 Available in: Arabic, Chinese, English,  
 French, Russian, Spanish



## THE STATE OF WORLD FISHERIES AND AQUACULTURE 2016 VIDEO 3'08"



# THE STATE OF WORLD FISHERIES AND AQUACULTURE 2016

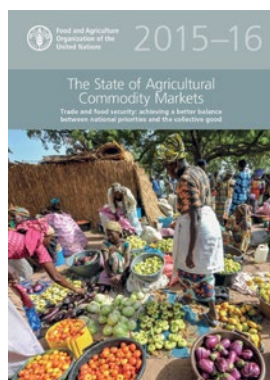
## CONTRIBUTING TO FOOD SECURITY AND NUTRITION FOR ALL

**The State of World Fisheries and Aquaculture 2016** gives a global analysis of trends in fish stocks, production, processing, utilization, trade and consumption. It reports on the status of the world's fishing fleets and analyses human engagement in the sector. The publication highlights specific areas including: nutrition; aquatic invasive alien species; resilience; and governance of tenure and user rights. It reports on developments such as the Common Oceans initiative, a broad-scale approach to sustainable management of fisheries resources in areas that do not fall under the responsibility of any one country, as well as FAO's Blue Growth Initiative. It also examines efforts to combat illegal, unreported and unregulated fishing. **The State of World Fisheries and Aquaculture** series is a unique source of objective, reliable and up-to-date global information on fisheries and aquaculture development, of relevance to policy-makers, managers, scientists and all those interested in the sector.

## THE STATE OF WORLD FISHERIES AND AQUACULTURE 2018

The 2018 edition of **The State of World Fisheries and Aquaculture** emphasizes the role of fisheries in achieving the Sustainable Development Goals, with a focus on inland and small-scale fisheries, and highlights the importance of rights-based governance for equitable and inclusive development.

**FORTHCOMING JUNE 2018**



**THE STATE OF AGRICULTURAL COMMODITY MARKETS 2015-2016**  
VIDEO 4'34"

## THE STATE OF AGRICULTURAL COMMODITY MARKETS 2015-16

TRADE AND FOOD SECURITY: ACHIEVING A BETTER BALANCE BETWEEN NATIONAL PRIORITIES AND THE COLLECTIVE GOOD

Global trade in food and agricultural products has grown almost threefold in value terms over the past decade. Growth is projected to continue, with regions such as Asia, North Africa and the Near East increasing net imports and others – notably Latin America – increasing net exports. The challenge is to ensure that its expansion works for, and not against, the elimination of hunger, food insecurity and malnutrition. This edition of **The State of Agricultural Commodity Markets** aims to inform policy and debate, and reduce the polarization of views on the governance of agricultural trade and its impact on food security. Published biennially, the series presents commodity market issues in an objective and accessible way to policy-makers, commodity market observers and stakeholders interested in these issues.

Rome, 2015  
ISBN 978-92-5-108931-6  
86 pp., 210 x 297 mm  
USD 36.00, Paperback  
Also available in e-book format  
Available in: Arabic, Chinese, English, French, Russian, Spanish

### THE STATE OF AGRICULTURAL COMMODITY MARKETS 2018

The 2018 edition will focus on the role of agricultural trade in promoting food security and sustainable agricultural production in the context of climate change. It will also assess potential consequences for trade and the options it offers as a climate change adaptation/mitigation tool; and how policies could be expanded to accommodate discussions on climate-smart trade policy options.

**FORTHCOMING SEPTEMBER 2018**

# REGIONAL OVERVIEWS OF FOOD SECURITY AND NUTRITION 2017

COMPREHENSIVE OVERVIEWS ON THE STATE OF FOOD SECURITY AND NUTRITION IN FIVE REGIONS

These publications provide an overview of key trends in food security and nutrition across FAO's five official regions: Africa, Asia and the Pacific, Europe and Central Asia, Latin America and the Caribbean, and the Near East and North Africa.

Despite positive results in the fight against hunger, the overall rate of progress is less than desired and we still have a daunting agenda ahead of us. Moreover, with greater availability of macronutrients, proteins, carbohydrates and fats, even in the poorest countries, the threat of obesity and overweight is rising.

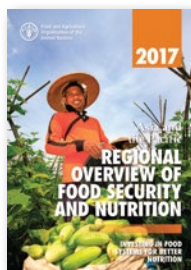
These reports will help shape a new public narrative towards eradicating hunger and malnutrition and creating a transformative change in diets.



## REGIONAL OVERVIEW OF FOOD SECURITY AND NUTRITION IN AFRICA 2017

THE FOOD SECURITY AND NUTRITION-CONFLICT NEXUS: BUILDING RESILIENCE FOR FOOD SECURITY, NUTRITION AND PEACE

Accra, 2017  
ISBN 978-92-5-109981-0  
108 pp., 210 x 297 mm  
USD 36.00, Paperback  
Forthcoming in e-book format  
Available in: English, French



## REGIONAL OVERVIEW OF FOOD SECURITY AND NUTRITION IN ASIA AND THE PACIFIC 2017

INVESTING IN FOOD SYSTEMS FOR BETTER NUTRITION

Bangkok, 2017  
ISBN: 978-92-5-109965-0  
68 pp., 210 x 297 mm  
USD 36.00, Paperback  
Forthcoming in e-book format  
Available in: English



## PANORAMA OF FOOD AND NUTRITION SECURITY IN LATIN AMERICA AND THE CARIBBEAN 2017

Santiago de Chile, 2017  
ISBN 978-92-5-309960-3  
116 pp., 210 x 297 mm  
USD 36.00, Paperback  
Forthcoming in e-book format  
Available in: English, Spanish



## REGIONAL OVERVIEW OF FOOD SECURITY AND NUTRITION IN THE NEAR EAST AND NORTH AFRICA 2017

BUILDING RESILIENCE FOR FOOD SECURITY AND NUTRITION IN TIMES OF CONFLICT AND CRISIS: A PERSPECTIVE FROM THE NEAR EAST AND NORTH AFRICA REGION

Egypt, 2017, ISBN 978-92-5-130111-1  
72 pp., 210 x 297 mm,  
USD 36.00, Paperback  
Forthcoming in e-book format  
Available in: Arabic, English



## THE STATE OF FOOD SECURITY AND NUTRITION IN EUROPE AND CENTRAL ASIA

Budapest, 2017  
ISBN 978-92-5-130046-6  
80 pp., 210 x 297 mm  
USD 36.00, Paperback  
Forthcoming in e-book format  
Available in: English, Russian

## REGIONAL OVERVIEWS 2018

FORTHCOMING OCTOBER-NOVEMBER 2018

# GENERAL INTEREST

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DESIGNED TO INFORM, STIMULATE REFLECTION AND INVITE PEOPLE TO  
ADOPT SUSTAINABLE AND HEALTHY LIFESTYLES.



## Series

# THE STATE OF THE PLANET

**THE STATE OF THE PLANET** is a joint project between the Spanish newspaper El País and FAO, which addresses the challenges that humankind will have to face over the coming decades. These include climate change, nutrition and the conservation of our oceans and forests, all of which directly impact the planet we live on. This series of books draws on the most up-to-date information available from leading experts at

**FORTHCOMING 22 APRIL**

Available in: Spanish  
Rights available in:  
English, French





## THE COMPLETE SERIES

### THE MAJOR CHALLENGES

Is there still time to save our planet?

### CLIMATE CHANGE

Is it irreversible? What can we do?

### WATER

Will there be enough for all?

### NUTRITION

Is obesity the plague of the 21st century?

### BIODIVERSITY

Are we on the verge of the sixth mass extinction?

### FORESTS

Are trees going to disappear? Why do we need them?

### OCEANS

Are our oceans in danger?

### ZERO HUNGER

Will we finally be able to eliminate hunger?

### POPULATION, CITIES AND MIGRATION

Is there enough room on the planet?

### CONFLICTS

Why do we fight wars?

### THE NEW AGRICULTURAL REVOLUTION

Can we feed 10 billion people?

### FUTURE CHALLENGES OF THE 21<sup>ST</sup> CENTURY

What can you do?

FAO and other United Nations agencies, with a view to making accessible the often highly complex issues that affect us all.

The books are aimed at a broad audience, both young and old, because it is only by working together across generations that we can decide how we want to live in the future and shape the kind of planet we wish to leave for the generations to come.



# TOWARDS ZERO HUNGER

1945–2030

This book shows that, acting together, we can achieve “zero hunger” by 2030. It showcases a unique collection of images documenting how FAO has long been there – in the fields, in the mountains, on the oceans, in the heat and dust, in the cold and wet – helping people to survive, progress and prosper.

Since 1945, FAO, the UN’s first agency, has played a leading role in combating hunger worldwide. FAO’s photo archives contain more than a million images covering its seven decades of commitment. This book contains just



Rome, 2017  
ISBN 978-92-5-109435-8  
228 pp., 320 x 250 mm  
39.00 USD, Hardcover  
Available in: Arabic, Chinese, English,  
French, Russian, Spanish

a representative sample of shots to give readers an authentic picture of the Organization's activities from its pioneering early years through to today, with older images in black and white later giving way to colour. The photographs reflect FAO's various fields of activity (agriculture, fisheries, forestry, nutrition, etc.), and span the globe.

Some photographs have served as historical records, documenting situations and FAO's projects. Others have been used for didactic purposes, also as part of films and slideshows,

to explain innovative techniques and how to carry out practical operations in the field. A good picture can indeed paint more than a thousand words, especially in areas with high levels of illiteracy or where material is not available in local languages.

In addition to the photographs and their captions, text describes FAO's work and significant moments in its history through the decades. Some photographers also share their experiences and insights. Thus, readers can see the captured detail in the context of an evolving whole.

70s 80s 90s 00s 10s

PAGE 202  
MDGs AND SDGs

## FROM MAPS TO DATABASES

**LAUNCH OF THE FREEDOM FROM HUNGER CAMPAIGN**  
As years went by, food problems in the poorest and most populous parts of the planet showed little sign of being overcome. The conviction grew that in order to eliminate hunger successfully, governments, non-governmental organizations (NGOs) and private citizens were

On 16 March 1953, Eleanor Roosevelt and Frank McDougall travelled to JAO facilities in the United Nations Programme for the creation of the *Foundation for Hunger* campaign. After five years of negotiations, JAO officially launched the campaign in 1960. Its ambitious aim was to eradicate hunger from the world once and for all. Governments agreed that 'the persistence of hunger and malnutrition is unacceptable morally and socially, incompatible with the dignity of human beings, and the essential of peace and

which is not settled, and is a threat to social and international peace." The campaign's purpose was twofold: (i) heighten awareness worldwide of the problems of hunger and malnutrition that afflict more than half of the world's population and (ii) promote a climate of opinion in which solutions could be organized on national and international basis.

in 1960, at its seventh congress, the International Union of Soil Science recognized that soil science was also considered strategic for more accurate and useful predictions as to how soil would react to specific production initiatives. However, in the late 1960s, the state of the world's soil cartography was chaotic at best and non-existent at worst.

renowned publications of soil maps of continents and large regions. As a follow-up, in 1981, EAO and UNESCO embarked on preparing the Soil Map of the World (3:50,000 scale). The ambitious project was to produce a world map and was the fruit of worldwide collaboration between innumerable soil scientists. The map's purpose was to enable farmers to understand how soil would react to different farming techniques and give the home yards. Until recently, the map represented the only global overview of soil

**ETH CONICING OF CORN**  
Noting that the conflicting nature of the corn industry's needs has not affected the distribution of genetically suitable land, the Joint FAO/WHO Expert Committee on Nutrition suggested that ICRG and the World Health Organization (WHO) should study these problems more closely. Established in 1963, the FAO/WHO Codex Alimentarius Commission has become one of the most important international cooperative projects between the UN Agencies, and its work centers on international

grated approach to agriculture. During the 1950s and the first half of the 1960s, global food production grew steadily, increasing by over 50 percent. However, in this period, political gridlock and economic crises meant that FAO faced the task of containing the resulting threat of famine while continuing its research work and implementing its strategy to

In 1961, as agricultural performance of all crop aspects needed improvement, and as fertilizers delivered the most encouraging results, FAO launched the *Fertilizer Programme* to improve crop production through increased use of fertilizers. The programme soon expanded its scope to include all aspects of efficient crop production, such as improved tactics, land management and weed control, as well as more efficient plant protection. It is estimated that, apart from fertilizers

ingest increased by 76 percent annually during the 1960s.

By 1968, the Organization's annual flagship publication, *The State of Food and Agriculture*, was looking at raising agricultural yields through "technological improvements" as a way to free up land to feed people.

**LIVESTOCK - COMBATING DISEASE**

Following its success against endemism, FAO began to tackle other livestock diseases, among them foot-and-mouth disease, which had been kept at low levels. A number of European countries had been

During this period, ERO headed the fight against Al Fara, which affected Spain in the 1960s and the Western sphere in general in the 1970s in an ongoing battle.

Timeline

1960 Launch of the *Freedom from Hunger Campaign* with the aim of mobilizing non-governmental support

However, in 1963, TNC had a punching machines, two verifying machines, one collating machine and couple of tabulating machines. So then, it has worked to create one of UN's most sophisticated information systems, one that automatically can

1963. The World Bank and the United Nations World Food Programme

**1962** The first Soil Map of the World is published by the Food and Agriculture Organization of the United Nations.

**1963** The first Soil Map of the World is published by the Food and Agriculture Organization of the United Nations.

**1964** The first Soil Map of the World is published by the Food and Agriculture Organization of the United Nations.

agendas in the field of agriculture. At the 1983, FAO launched its comprehensive statistical database covering the world's agricultural information. Advances in information technology has enabled FAO to increase information systems, databases and data banks in a rapid to the various needs of its Members. Indeed, these systems lie at the

**Programmers in bloom**  
General Assembly's unique parallel curriculum has helped students acquire local and in real time to software in

**1956 Food Survey**  
Survey, which now covers  
cattle, fish that 30-55%  
are suffering from  
half of the population is  
malnourished, or both

## GENERAL INTEREST



Pulses contain about **twice the amount of protein** found in whole grain cereals such as wheat.

Pulses provide us with **steady, slow-burning energy** while their iron content helps transport oxygen throughout our bodies.

Introducing pulses in rotation with other crops during the fallow period can **increase farmers' incomes**.

As pulses fix their own nitrogen in the soil, they need less fertilizer, which helps **reduce greenhouse gas emissions**.

# PULSES

## NUTRITIOUS SEEDS FOR A SUSTAINABLE FUTURE

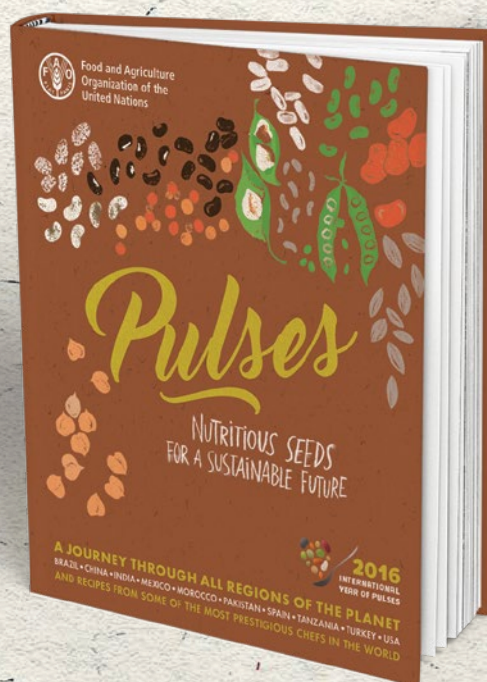


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6. EASTERN AND SOUTHWEST ASIA



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Part guide, part cookbook, and peppered with informative visuals, this beautifully illustrated book provides an overview of pulses and a step-by-step guide on how to cook them. It presents the impact of pulses on nutrition, health, climate change, biodiversity and food security, and shows how pulses can be grown in garden patches. Readers embark on a journey around the planet, discovering the ways in which pulses tie in with regional histories and cultures, and learning the best-kept secrets of ten internationally acclaimed chefs:

**Abraham García** (Spain), **Helena Rizzo** (Brazil), **Ricardo Muñoz Zurita** (Mexico), **Ron Pickarski** (United States), **Moha Fedal** (Morocco), **Veronica Jackson** (Tanzania), **Didem Senol** (Turkey), **Sanjeev Kapoor** (India), **Zubaida Tariq** (Pakistan) and **She Zengtai** (China).

Rome, 2016  
ISBN 978-92-5-109172-2  
192 pp., 210 × 260 mm  
USD 29.95, Paperback  
Available in: Arabic,  
Chinese, English, French,  
Russian, Spanish



## PULSES

A GLOBAL JOURNEY  
THROUGH RECIPES  
FROM LEADING CHEFS

Rome, 2016  
ISBN 978-92-5-109343-6  
120 pp., 165 × 215 mm  
USD 16.00, Hardcover  
Available in:  
English, Spanish

A beautifully illustrated collection of more than 30 recipes for pulses from around the world, presented in a handy and compact hardcover format. Explore Latin American cuisine with chefs Helena Rizzo and Ricardo Muñoz Zurita, Asian creations with Sanjeev Kapoor, Zubaida Tariq and

She Zengtai, flavours from the African continent with Moha Fedal and Veronica Jackson, as well as the delectable recipes of Abraham García from Spain, Ron Pickarski from the United States of America and Didem Senol from Turkey.



**PULSES**  
VIDEO 4'04"



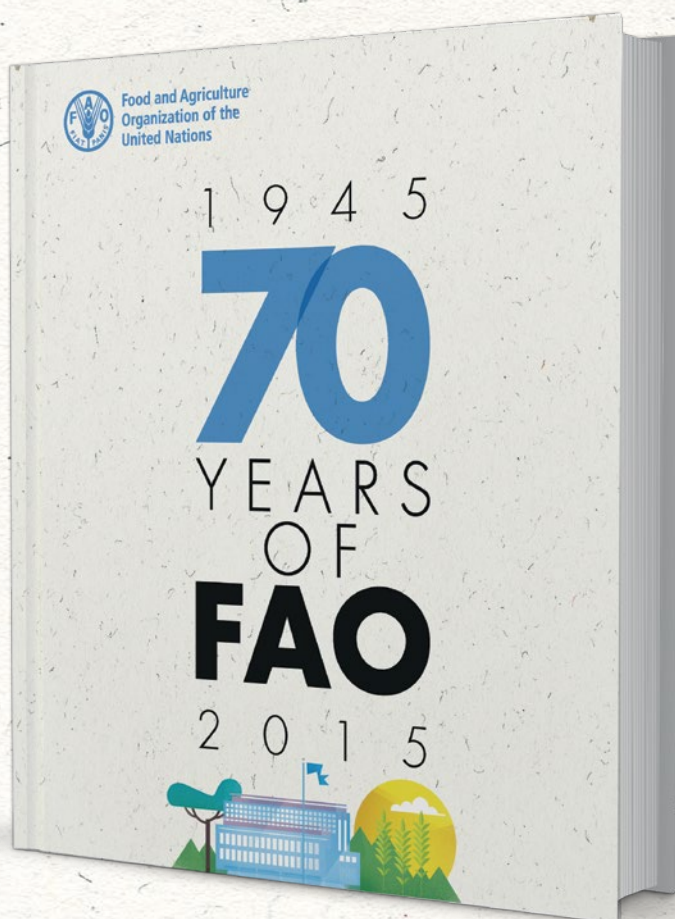
The ten chefs whose recipes feature in the Pulses books share their expert tips and passion for pulses. Above, Sanjeev Kapoor guiding us through the process of cooking pulses.

# Seven decades of fighting hunger

## 70 YEARS OF FAO

(1945–2015)

This book tells the story of the Food and Agriculture Organization of the United Nations (FAO), its protagonists and their endeavours – such as the visionary David Lubin who campaigned tirelessly at the turn of the twentieth century for an international organization to defend farmers' interests. The publication brings to light previously unpublished images of the Organization's early years and recounts ten of FAO's success stories, such as the eradication of bovine rinderpest and the creation of the Treaty on Plant Genetic Resources.



Rome, 2015  
ISBN 978-92-5-108897-5  
260 pp., 210 x 260 mm  
USD 36.00, Paperback  
Available in: Arabic,  
Chinese, English, French,  
Italian, Russian, Spanish



Over the past 70 years, the world has grown more complex, more global and more interactive. Taking stock of past challenges and achievements gives us a better chance of solving the problems that face us today. In this volume, two major issues take centre stage – the eradication of hunger and malnutrition, and action on climate change. This attractively designed book will appeal to everyone with an interest in uniting to tackle these and other global issues.



**FAO 70TH ANNIVERSARY**  
VIDEO 5'39"



In 1945, in the aftermath of the Second World War, a core group of countries founded the Food and Agriculture Organization of the United Nations, a neutral forum that now represents most countries of the world.



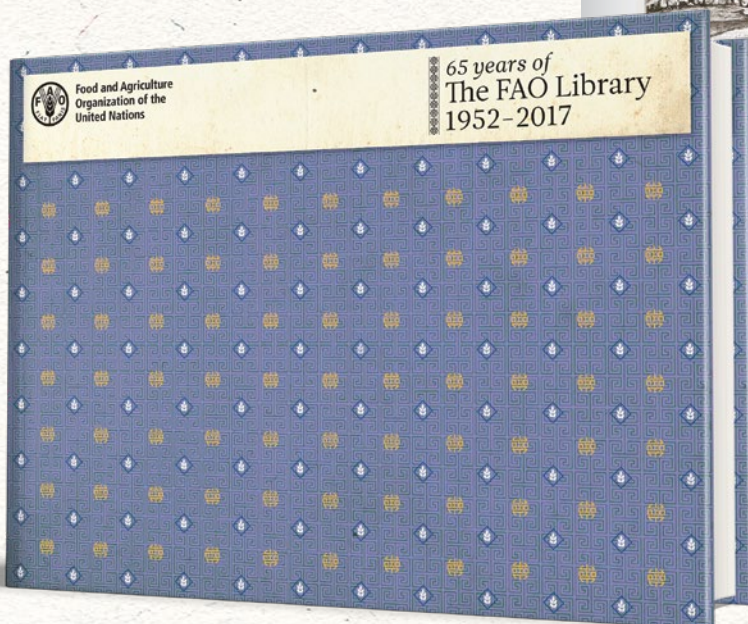
# THE STORY OF THE FAO LIBRARY

65TH ANNIVERSARY  
1952-2017

The book retraces the founding and development of the David Lubin Memorial Library, one of the richest collections of titles on food, agriculture and international development. It includes archival images, ranging from incunabula to rare hand-drawn illustrations.

In 1952 the FAO Library was officially opened in Rome and named the David Lubin Memorial Library in recognition of David Lubin who ideated the foundation of the International Institute of Agriculture (IIA), the

Rome, 2017  
ISBN 978-92-5-109942-1,  
148 pp., 320 x 240 mm  
USD 38.00, Hardcover  
Available in: English, Italian



first permanent international organization in the field of agriculture.

When FAO was founded in 1945, it became the custodian of the IIA, inheriting a collection of half a million volumes from its library, one of the most important agricultural collections in the world. On top of this inheritance, the FAO Library began accumulating its own collection, preserving each and every FAO document ever published, reaching an impressive one million volumes today.

At the beginning of the 21st century, the FAO Library was entirely renovated and fully immersed in the digital age, exploring and implementing new technologies and computerizing services. The Library has also made huge efforts and progress in digitizing FAO publications, making them accessible from any location in the world. The goal is to have all FAO publications available in a digital format in the document repository of FAO.



of users of The Urban Forum:  $\left(\frac{1}{N}\right)$  is the frequency of the  $i$ th item



of years of the nineteenth century [7] is the presence of the 1800 Library

Italo  
Giglioli

ITALO GIULINO (1852-1905), was professor of agricultural chemistry at the University of Pisa and Head of Agric. at the International Institute of Agriculture (IIA) in Rome. In the latter role he was in charge of a range of agricultural issues, from wheat cultivation to camphor production, and agroschismery.

In 1925, his unparalleled private collection of publications and related books was donated to the library. Comprising approximately 315 one-volume and brochures on agricultural topics, most published prior to 1910, the collection also includes a catalogue of 60-100 cards with full bibliographic references.

- Close-up of the film containing pamphlets and brochures from the English collection.



Journal of The IMA, Spring 1996, Vol. 3, No. 1, pp. 1-2



Table 11. P. Va.



Duhamel du Monceau, Henri Louis, 1700-1782  
*Traité des arbres et arbrusles qui se cultivent en France*

French physician, naval engineer and botanist, Duhamel developed and tested new methods of horticulture, agriculture and forestry on his father's large estate, which he expanded into a modern farm. In 1722 Duhamel released the *Descriptions des Arts et Manners* and opposed the writers of the *Encyclopédie*. Nevertheless, Diderot included Duhamel's articles such as "Agriculture".

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**Valuable  
Chinese  
books**

康熙御製耕織圖詩  
Chinese title in transliteration: Kangxi Yachi Gengzhi  
Tushi - Shuang Gengzhi Erhshian Ye  
English title: Emperor Kangxi's Poems for Images of  
Agriculture and Sericulture  
Authors: Qing Emperor Kangxi 清聖祖康熙; An, B.-Z.  
安邦治 (Anbangzhi)

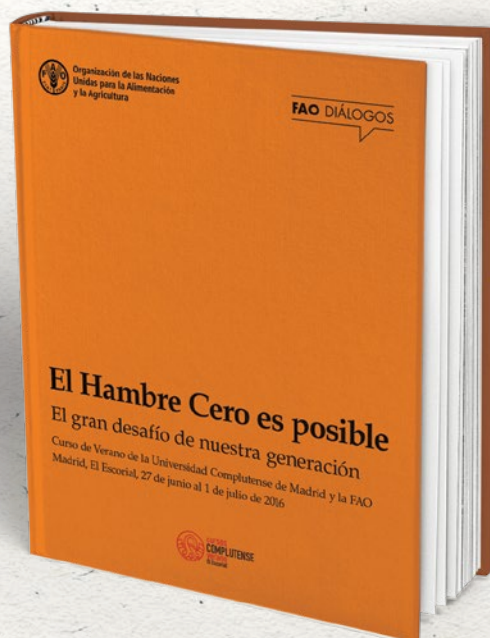
The President of China Xa Shifang, donated Kangxi Tuohi Gengshi Tuohi, a rare and exquisite volume on agriculture and silk culture in China published by the Emperor Kang Shi (1662-1722). Dating from the twelfth century, the original poems and pictures of agriculture and weaving eroded an



→ Cover of the second volume of the *Kangxi Yuji*/Gongxi Yuji

FAO  
DIALOGUES  
SERIES

The aim of this series is to raise awareness of, and stimulate debate on, key issues related to the mandate and activities of the Organization regarding food, nutrition and managing natural resources.

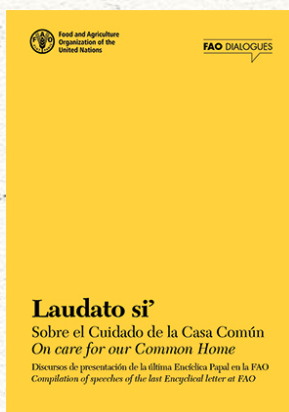
EL HAMBRE CERO  
ES POSIBLEEL GRAN DESAFÍO DE  
NUESTRA GENERACIÓN

This book provides an overview of the lectures and round-table discussions on the occasion of the summer course **Zero Hunger is Possible**, organized by FAO and the Complutense University of Madrid. High-level experts addressed hunger and malnutrition from different points of view, such as: "Food security in urban areas" (Joan Ribó, Mayor of Valencia), "The role of communication in a globalized world" (writers Juan Luis Cebrián and Martín Caparrós) or "The fight against hunger in an international context" (Enrique Yeves, FAO Communications Director). The publication presents conclusions from the various round-table discussions, in which more than 20 experts participated. This is an easy-to-read book with graphics and figures that afford a new perspective on the issue of hunger.

Rome, 2016  
ISBN 978-92-5-309508-7

160 pp., 210 × 260 mm  
Price available on request, Paperback  
Available in: Spanish





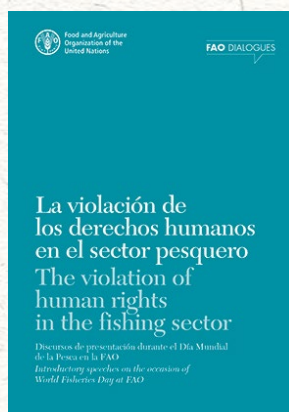
## LAUDATO SI'

### ON CARE FOR OUR COMMON HOME

In October 2015, Pope Francis' encyclical letter, *Laudato si'*, was presented at FAO headquarters in Rome. The letter formed part of a series entitled FAO Dialogues, in which current global issues relevant to the Organization's work were discussed by specialists and representatives of governments and civil society.

This book is a collection of the speeches that took place on that occasion. *Laudato si'* makes it clear that poverty eradication and sustainable development cannot be achieved if we do not take urgent action on climate change.

Rome, 2016  
ISBN 978-92-5-009170-9  
48 pp., 176 × 250 mm  
Price available on request, Paperback  
Available in: English, Spanish  
(bilingual)



## THE VIOLATION OF HUMAN RIGHTS IN THE FISHING SECTOR

### INTRODUCTORY SPEECHES ON THE OCCASION OF WORLD FISHERIES DAY AT FAO

Violations of human rights in the fishing sector are frequent, ongoing and require an urgent solution. Illegal fishing, exploitation of workers and human trafficking are all causes of grave concern for FAO. During the World Fisheries Day 2016, the two institutions jointly denounced and called for the eradication of these injustices. This book is a collection of speeches given on that occasion. The International Labour Organization (ILO) estimates that every year an average

of 24 000 fishermen and women lose their lives while at work. Human rights violations include labour abuse, forced labour, trafficking, child labour and slavery. FAO is working to end human rights abuses across the entire fisheries value chain through the tools already in place, such as the FAO Voluntary Guidelines on Small-Scale Fisheries, the Code of Conduct for Responsible Fisheries, FAO's Port State Measures Agreement or ILO's Work in Fishing Convention 188.

Rome, 2017  
ISBN 978-92-5-009649-0  
64 pp., 176 × 250 mm  
USD 30.00, Paperback  
Available in: English, Spanish  
(bilingual)

# EDUCATION AND YOUTH

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A SELECTION OF TITLES TO EDUCATE AND AMUSE YOUNG PEOPLE,  
AWAKEN THEIR CURIOSITY AND INSPIRE THEM TO CHANGE  
THE WORLD FOR THE BETTER.



# DISCOVERING FORESTS

TEACHING AND LEARNING GUIDES

Forests are an essential part of our environment and provide security and well-being for hundreds of millions of people, as crucial sources of food, energy and income. The **Discovering forests** teaching and learning guides are part of an FAO initiative to inspire, encourage and engage young people aged between 8 and 13 years to

## Learning guide

Rome, 2018

ISBN 978-92-5-

130316-0

48 pp.,

297 x 210 mm

USD 30.00, Paperback

Also available in

e-book format

Available in: English,

French, Spanish



MODULE 3

## What can we take from forests?

### I wonder

What parts and how many of our everyday products come from the woods? How do you tell the difference between these products? Can we make things from what we find in the forest? Can we take as much as we want or need? In this module, you will make discoveries in class and explore various forest materials and foods, such as the insects shown below. You will also learn about fascinating forest resources, including honey, rubber and medicines.

28 THE STATE OF OUR FORESTS

## investigate

Forests from around the world – and more

North America



Forest growing in Brazil

Forest growing in Brazil

Forest growing in Brazil

Forest growing in Brazil

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Forest growing in Brazil



manage the planet wisely and become the agents of change. The modules provide insights on a variety of wooded areas, from the field or park next door to the world's major forests, and cover a wide range of subject matter, from forest ecosystems to water resources, products and tenure issues.

The learning approach draws inspiration from the enquiry method, while content draws upon FAO's major biennial report on the **State of the World's Forests** and other key forestry publications. The modules are conceived to be customizable to help teachers tie in with curriculum objectives, ranging from science to geography and even citizenship.

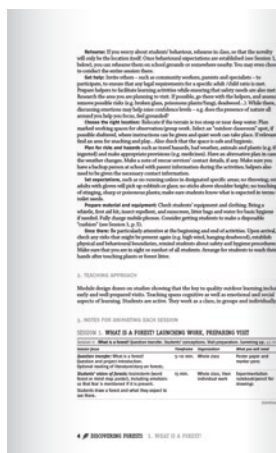
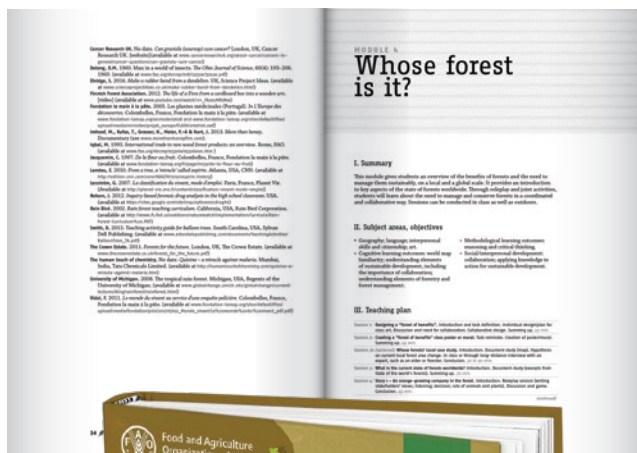


## TEACHING GUIDE

- Practical and flexible
- Customizable interdisciplinary content (science, geography, citizenship, language)
- Designed by teachers for teachers
- Learning-by-doing approach
- Teaching plans for each module
- Indoor and outdoor activity guide
- Reading and writing exercises
- Active and effective pedagogical approach (enquiry method)

## LEARNING GUIDE

- Backup documentation for students
- Easy-to-follow infographics
- Attractive layout

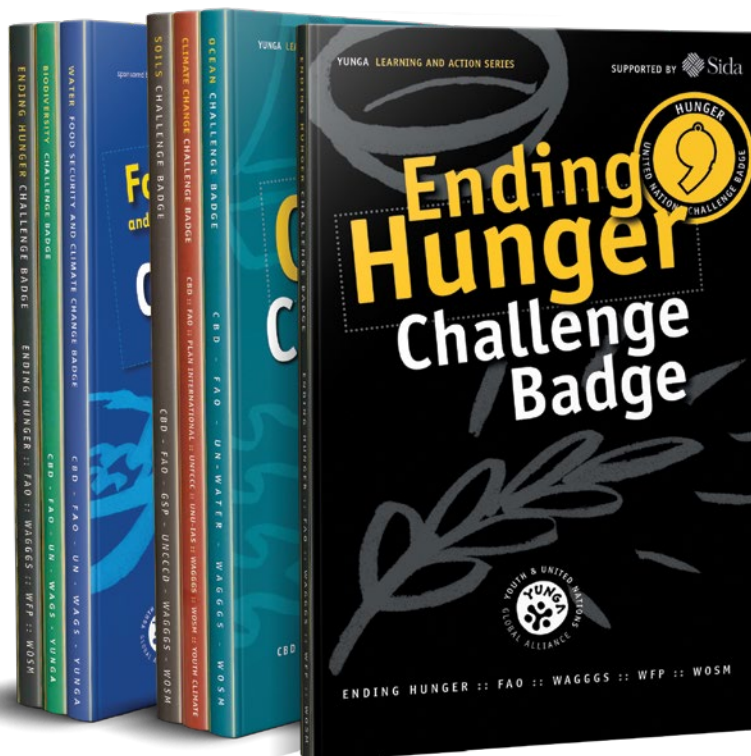


### Teaching guide

Rome, 2018  
ISBN 978-92-5-130307-8  
64 pp., 210 x 297 mm  
USD 30.00, Paperback  
Also available in  
e-book format  
Available in: English,  
French, Spanish

LEARNING  
AND ACTION  
SERIESYOUNG  
GLOBAL  
CITIZENS

Today's young generations will determine the future of our planet. Many already know this and are eager to play an active part in tackling the most pressing issues facing their fellow citizens, including hunger, sustainability and climate change. FAO intends to help them do so by further stimulating their interest and sharing knowledge in accessible formats geared specifically to young people.



FAO hosts the Youth and United Nations Global Alliance (YUNGA), a partnership between UN Agencies (such as UNESCO and UNICEF) and other organizations (such as CarboSchools and WWF) that work with children and young people. The YUNGA Learning and Action series featured here

encourages young people to become active agents of change in their local communities. Each of the publications in this growing collection focuses on a specific issue or topic. FAO's experts have worked to make often complex issues readily understandable. Teachers will also find the series a valuable classroom resource.

## THE COMPLETE SERIES

- 1 **BIODIVERSITY**
- 2 **CLIMATE CHANGE**
- 3 **ENDING HUNGER**
- 4 **FORESTS**
- 5 **THE OCEAN**
- 6 **SOILS**
- 7 **WATER**
- 8 **NUTRITION**
- 9 **ENERGY**
- 10 **GENDER**
- 11 **AGRICULTURE**
- 12 **GOVERNANCE**

**YOUTH AND UNITED NATIONS GLOBAL ALLIANCE VIDEO 1'23"**





## CLIMATE CHANGE

### CHALLENGE BADGE (2ND EDITION)

Rome, 2015  
ISBN 978-92-5-109012-1  
164 pp., 148 × 210 mm  
USD 20.00, Paperback  
Available in: Chinese  
(forthcoming), English,  
French (forthcoming),  
Hungarian, Italian,  
Portuguese, Macedonian,  
Russian, Serbian,  
Spanish (forthcoming).

From being able to enjoy the sunshine and spending time outdoors to depending on good weather for crops and food, we all rely on the planet's climate in a variety of ways. The Earth's natural laws and physical processes regulate climate in a way that makes it habitable and supportive of human, animal and plant life. However, our climate is changing, largely due to human activity. While it has changed naturally over long periods of time, humans are now

causing the climate to change through intensive use of polluting energy sources, deforestation and other interventions. We are already seeing temperature increases, melting glaciers and rising sea levels, as well as an increase in extreme weather events. The good news is that there is a lot that can be done to tackle climate change. This book shows young people how they can join in, from changing daily habits to spreading awareness.

## BIODIVERSITY

### CHALLENGE BADGE

"Bio" means life and "diversity" means variety, so biodiversity (or biological diversity) refers to the incredible variety of living plants and animals in nature and how they interact with each other.

This publication encourages young people to understand the current and anticipated environmental challenges linked to biodiversity, and to protect it by taking action. While these problems need to be addressed at the global level, there are also many things that can be done by individuals and communities.



FAO, WAGGGS & CBD  
Rome, 2010  
72 pp., 148 × 200 mm  
USD 20.00, Paperback  
Available in: Arabic,  
Chinese, English, French,  
Italian, Macedonian,  
Russian, Spanish



### ENDING HUNGER CHALLENGE BADGE

Can you imagine not having anything to eat for a day? Or not knowing where your next meal might come from? This is a daily problem for over 1 billion people around the world who do not get enough food and nutrition to live normal, healthy lives. Hunger leaves people feeling weak and unwell and makes it harder to concentrate, study and work.

The **Ending Hunger Challenge Badge** helps young people learn about the causes of hunger, the importance of food security and food sovereignty, and steps we can take to fight hunger.

Rome, 2013  
ISBN 978-92-5-107950-8  
124 pp., 148 × 210 mm  
USD 20.00, Paperback  
Available in: Arabic, Chinese,  
English, French, Italian,  
Russian, Spanish

Rome, 2013  
ISBN 978-92-5-107973-7  
152 pp., 148 × 210 mm  
USD 20.00, Paperback  
Available in: Arabic,  
Chinese, English, French,  
Italian, Russian, Spanish



### FORESTS CHALLENGE BADGE

For humans, forests are a source of livelihood, food and medicinal herbs; they give us wood that can be used for shelter, furniture and fuel; and they are places of recreation. They also play a huge role in maintaining the planet's environmental health: helping prevent soil erosion, improving water quality, and offering protection against floods. Unfortunately, in many parts of the world forests are being degraded. Climate change is expected to worsen the situation, but there is a lot that we can do to protect forests. As Nobel laureate Wangari Maathai said: "When we plant trees, we plant the seeds of peace and the seeds of hope."



### THE OCEAN CHALLENGE BADGE

The ocean covers 70 percent of the Earth's surface, and is essential for life on our planet. It provides food, regulates our climate and provides half of the oxygen we breathe. The ocean also offers us means of transport and opportunities for recreation. People have long thought that the ocean was so wide and bountiful that it would go on supplying our needs forever, but this is not the case: human activities cause significant damage to ocean life. The **Ocean Challenge Badge** takes children on a journey to discover the ocean. It is packed with activities to help them learn about how the ocean works, the creatures that live in it, and how important it is in our everyday lives, as well as the role we can all play in protecting it.

Rome, 2013  
978-92-5-107948-5  
172 pp., 148 × 210 mm  
USD 20.00, Paperback  
Available in: Arabic,  
Chinese, English, French,  
Italian, Russian, Spanish

LEARNING  
AND ACTION  
SERIES**SOILS**  
CHALLENGE BADGE

Soil is essential for life – it provides nutrients, water and minerals for plants and trees, and is home to millions of insects, bacteria and small animals. Without soil, we could not grow crops, support livestock, or have the materials to build shelter. Healthy soils also store and filter water, recycle nutrients and help deal with the negative effects of climate change by storing large amounts of carbon. But our soils are at risk from threats such as pollution and bad agricultural practices. The **Soils Challenge Badge** invites young people to discover the ground beneath their feet: its activities explore what soil is and how it is formed, the creatures that live in it, and what we can do to protect it for future generations.

Rome, 2015  
ISBN 978-92-5-108433-5  
124 pp., 148 x 210 mm  
USD 20.00, Paperback  
Available in: Arabic, Chinese, English, French, Italian, Portuguese, Russian, Spanish

**NUTRITION**  
CHALLENGE BADGE

Eating foods that give your body everything it needs is more important than just eating what you like. Your body needs a range of different nutrients for many different uses and activities. You need to get all of them in the correct amounts to be healthy.

The **Nutrition Challenge Badge** explains the kinds of nutrients our bodies need to live a happy, healthy lifestyle, which foods to get important nutrients from, and how best to prepare these foods to make the most of the nutrients available.

Rome, 2017  
ISBN 978-92-5-109554-6  
228 pp., 148 x 210 mm  
USD 20.00, Paperback  
Available in: Chinese (forthcoming), English, French (forthcoming), Italian, Macedonian, Spanish (forthcoming)

**WATER**  
CHALLENGE BADGE

Can you imagine not using any water for a day? Did you know that almost all human-made objects require the use of water at some point during their manufacture? It is usually only once the rains stop and fresh water supplies dry up or are polluted that we remember we can't afford to use water without thinking about how to ensure clean supplies for the future. The **Water Challenge Badge** sheds light on just how much we rely on water and what we can do to protect this vital resource.

Rome, 2013  
ISBN 978-92-5-107536-4  
100 pp., 148 x 210 mm  
USD 20.00, Paperback  
Available in: Arabic, Chinese, English, French, German, Italian, Russian, Spanish

## ENERGY

### CHALLENGE BADGE

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Energy is part of our daily lives. We use it to cook our food, to move around and for electricity. The Sun is our most important source of energy, giving us light and warmth, and helping plants to grow, amongst many other things. People all around the world use energy from the Sun, and other resources such as oil, wood and wind, to meet their energy needs.

In the **Energy Challenge Badge** we find out about the different forms of energy we use, in particular the difference between renewable and non-renewable forms of energy. The period 2014–2024 has been declared the "Decade of Sustainable Energy for All" and is being used to raise awareness about using energy wisely, and to support cleaner energy for everyone.

## GOVERNANCE

### CHALLENGE BADGE

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Governance and decision-making processes impact every area of our lives – from how we interact with friends to how laws are formed. How decisions are made at international, national and local levels determines the equality of treatment of all individuals, of different levels of development, whether resources are used sustainably, and the safeguarding of human rights. But how can we get involved in governance? The **Governance Challenge Badge** aims to show that, by being active citizens, we can contribute to the promotion of good governance both in our local communities and throughout the world.

## GENDER

### CHALLENGE BADGE

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Take a minute to think about the people in your life: do the boys and girls, the men and women you see have the same opportunities? Are they treated in the same way?

Gender simply means the social roles that are assigned to men and women. Gender roles vary from culture to culture and have changed over time too. The **Gender Challenge Badge** looks at how we think about gender roles in our own culture, as well as those around the world. It explores why inequalities sometimes exist and what we can do to overcome them and make the world a fairer place.

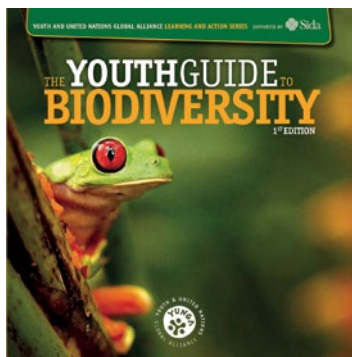
## AGRICULTURE

### CHALLENGE BADGE

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Agriculture is essential for human life – it gives us the food we eat. There are many different types of agriculture, including crops, fruits, vegetables and livestock farming on both big and small scales. But how can we ensure that we can grow food in a sustainable way to feed the 7 billion people living on Earth?

The **Agriculture Challenge Badge** examines different agricultural systems, including historical methods and practices around the world today. It also highlights the role of farmers in our society and the risks and challenges facing the sector.

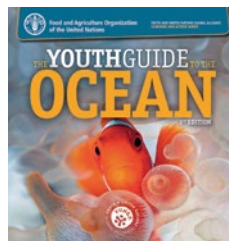


## YOUTH GUIDE TO BIODIVERSITY

This biodiversity guide was designed as an educational resource for schools, youth groups and curious young learners. It explains biodiversity in terms of genes, species and ecosystems, exploring its many shapes and forms under the sea, on land, up in the air, in rivers and lakes, and on the farms that produce our food.

The guide considers why biodiversity is important, how humans affect it, and what we must do to conserve the world's biological resources. At the end of the guide there are inspiring examples of youth-led initiatives and an easy-to-follow action plan to help readers develop their own projects.

Rome, 2013  
ISBN 978-92-5-107445-9  
260 pp., 210 × 220 mm  
USD 65.00, Paperback  
Available in: English

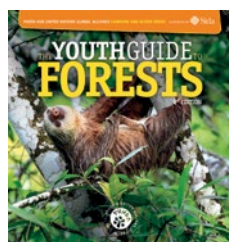


Rome, 2014  
ISBN 978-92-5-108647-6  
262 pp., 210 × 220 mm  
USD 50.00, Paperback  
Available in: English

## YOUTH GUIDE TO THE OCEAN

This guide takes young readers on a voyage from coastal zones to the frozen poles, and deep into the sea. It takes a close look at the physical features and natural processes that shape the incredible plant and animal life to be found underwater as well as life forms exposed by the tides.

It also demonstrates the many benefits the ocean provides us with, discusses the negative impacts that human activities can have, and explains ways of protecting and conserving the ocean and ocean life, including activities and initiatives that young people can carry out themselves.



Rome, 2014  
ISBN 978-92-5-108435-9  
240 pp., 210 × 220 mm  
USD 54.00, Paperback  
Available in: English

## YOUTH GUIDE TO FORESTS

This fact-filled guide explores forests around the world, from the depths of the rainforest to high-altitude mountains. It also demonstrates the many benefits that forests provide, discusses the negative impacts that humans unfortunately have on forests, and explains how good management can help protect and conserve forests and their biodiversity. At the end of the guide, inspiring examples of youth-led initiatives and an easy-to-follow action plan will help young people develop their own forest conservation activities and projects.



## WORLD FOOD DAY 2017 ACTIVITY BOOK

Children's colouring and activity book produced as part of the World Food Day campaign on migration challenges, showing how the global goal to reach Zero Hunger can address many of the reasons that cause people to migrate.

Rome, 2017  
20 pp., 148 × 210 mm  
Available in: Arabic,  
Chinese, English, French,  
Italian, Russian, Spanish

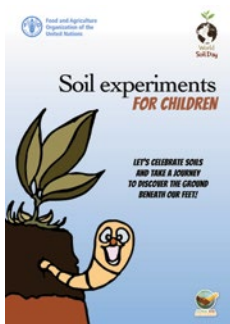
**WORLD FOOD DAY 2018  
ZERO HUNGER  
ACTIVITY BOOK**  
**FORTHCOMING 2018**



## FARMER FIELD SCHOOL GUIDANCE DOCUMENT

This publication focuses on the process and critical decisions that are necessary when starting a new farmer field school programme. It also defines the essential elements and processes required to ensure programme relevance, quality, growth and sustainability.

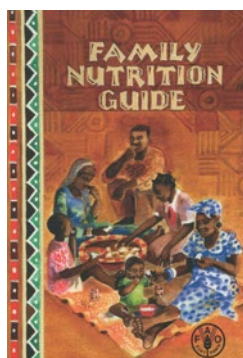
Rome, 2016  
ISBN 978-92-5-409126-2  
112 pp., 176 × 250 mm, Price available on request  
Paperback. Available in: English, French (forthcoming), Portuguese (forthcoming), Russian



## SOIL EXPERIMENTS FOR CHILDREN

This activity book is designed to give children an insight into soil knowledge, through a range engaging activities and experiments.

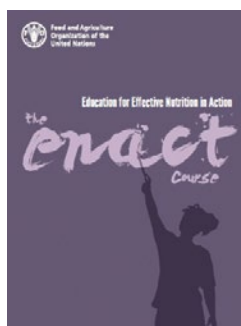
Rome, 2017  
16 pp., 210 × 297 mm  
Price available upon request, Paperback  
Available in: English



## FAMILY NUTRITION GUIDE

This practical guide aims to improve the nutrition of families in developing countries. The guide covers basic nutrition, family food security, meal planning, food hygiene and the special dietary needs of children, women and men, and of old, sick and malnourished people.

Rome, 2004  
(reprinted 2005, 2013)  
ISBN 978-92-5-105233-4  
128 pp., 176 x 250 mm  
USD 26.00, Ring-bound  
Also available in e-book format  
Available in: Arabic, English,  
French, Russian, Spanish



Rome, 2015  
ISBN 978-92-5-108887-6  
194 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English

## EDUCATION FOR EFFECTIVE NUTRITION IN ACTION

STUDENT'S BOOK AND TUTOR'S MANUAL

The "education for effective nutrition in action" (ENACT) course promotes long-term improvements in diet through an active approach based on identified needs, with attention to social and environmental contexts.

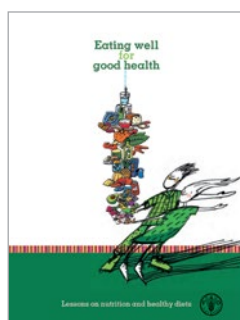


## INTEGRATING AGRICULTURE AND NUTRITION EDUCATION FOR IMPROVED YOUNG CHILD NUTRITION

PROGRAMME LESSONS

These lessons cover programme planning; capacity development; implementation; supervision; monitoring and evaluation; and sustainability.

Rome, 2016  
32 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English

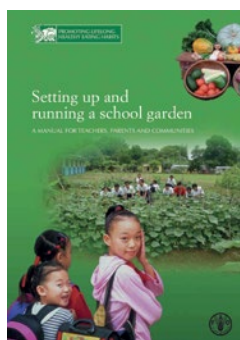


## EATING WELL FOR GOOD HEALTH

LESSONS ON NUTRITION AND HEALTHY DIETS

This is a learning module designed to explore basic concepts of good nutrition. The lessons apply to anyone who wants to learn how to improve their diets and eating habits; they can be used both inside and outside the classroom by students, teachers, individuals or community groups.

Rome, 2013  
ISBN 978-92-5-107610-1  
360 pp., 210 × 297 mm  
USD 110.00, Paperback  
Available in: English, Spanish

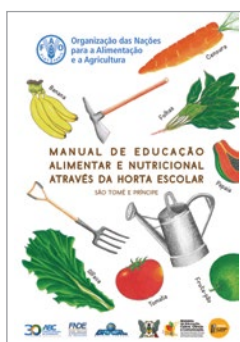


## SETTING UP AND RUNNING A SCHOOL GARDEN

A MANUAL FOR TEACHERS, PARENTS AND COMMUNITIES

A country's future hinges on its youth, but children who go to school hungry do not learn well. This manual is intended to assist school teachers, parents and the wider community in developing and managing school gardens as a platform for learning and a vehicle for better nutrition.

Rome, 2005  
ISBN 978-92-5-105408-8  
212 pp., 210 × 297 mm  
USD 30.00, Paperback  
Available in: English, French, Portuguese, Sinhalese, Spanish



## MANUAL DE EDUCAÇÃO NUTRICIONAL ATRAVÉS DA HORTA ESCOLAR

Targeted at educators, this publication explains the concept of nutrition education and how it can be implemented in schools (e.g. through school gardens). It includes classroom activities and highlights the role of school cooks in teaching nutrition.

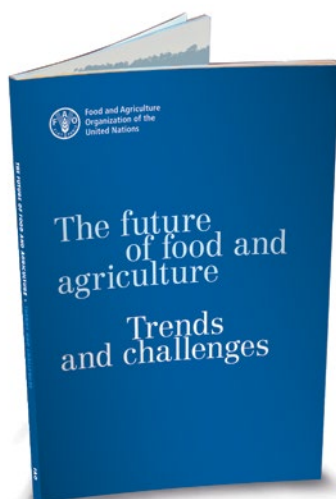
São Tomé, 2017  
ISBN 978-92-5-709821-3  
148 pp., 148 × 210 mm  
Price available upon request, Paperback  
Available in: Portuguese

# MAJOR REPORTS AND STATISTICS

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FAO HAS BEEN COLLECTING QUALITATIVE AND QUANTITATIVE DATA ON 245 COUNTRIES AND TERRITORIES SINCE 1947, COVERING PRODUCTION, CONSUMPTION, TRADE, NUTRITION, FORESTRY, FISHERIES AND AQUACULTURE. FAOSTAT IS THE WORLD'S MOST COMPREHENSIVE STATISTICAL DATABASE ON FOOD AND AGRICULTURE. FAO'S MAJOR REPORTS PROVIDE GLOBAL OVERVIEWS, ANALYSIS AND PROJECTIONS.





Rome, 2017  
ISBN 978-92-5-109551-5  
164 pp., 210 × 297 mm  
USD 45.00, Paperback  
Available in: English (forthcoming in  
Arabic, Chinese, German, French,  
Italian, Russian, Spanish)

# THE FUTURE OF FOOD AND AGRICULTURE

## TRENDS AND CHALLENGES

What is needed to realize the vision of a world free from hunger and malnutrition? After shedding light on the nature of the challenges that agriculture and food systems are facing now and will face throughout the twenty-first century, this publication provides insights into what is at stake and what needs to be done. "Business as usual" is not an option. Major transformations in agricultural systems, rural economies and natural resources management are necessary.



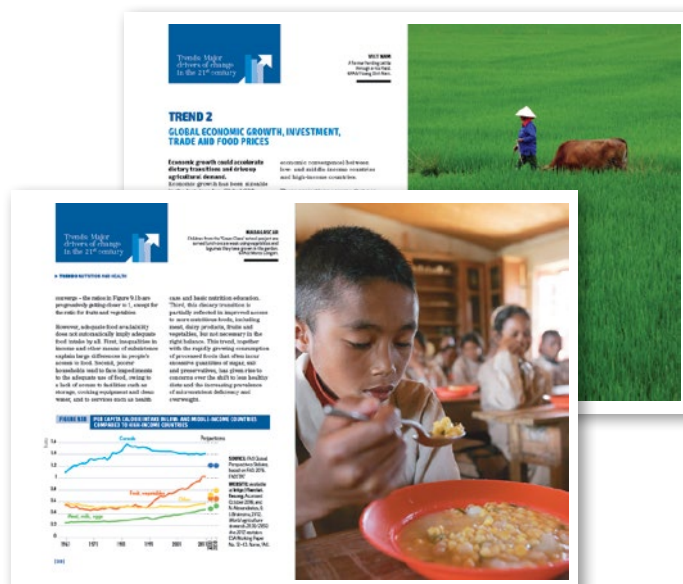
### SUMMARY VERSION

Rome, 2017  
52 pp., 160 × 220 mm  
Price available on request, Paperback  
Available in: English, French, Spanish

### THE FUTURE OF FOOD AND AGRICULTURE [ISSUE 2] - ALTERNATIVE PATHWAYS TO 2050

This publication is a forward-looking exercise that provides the international community, decision-makers and civil society with a spectrum of possible long-term implications of alternative development patterns for the world's food and agriculture, to inform the formulation of policy decisions regarding development processes.

FORTHCOMING 2018



## THE IMPACT OF DISASTERS AND CRISES ON AGRICULTURE AND FOOD SECURITY 2017



Rome, 2018  
ISBN 978-92-5-130359-7  
168 pp., 189 x 297 mm  
Price available upon request,  
Paperback, Available in: English

Natural disasters are costing farmers in the developing world billions of dollars each year, with drought emerging as the most destructive in a crowded field of threats that also includes floods, forest fires, storms, plant pests, animal disease outbreaks, and toxic algal blooms. But other threats are also jeopardizing food production, food security and livelihoods, including market volatility and an ever-increasing number of protracted crises and conflicts.

This report, now in its second edition, includes the first-ever analysis of the effect of conflict and food chain crises on agriculture. Launched in Viet Nam at the Regional Conference on implementing the Sendai Framework for Disaster Risk Reduction in the Agriculture Sector in Asia and the Pacific 2018, it calls for a more holistic and effective disaster-resilience framework for agriculture to ensure sustainable development, peace and adaption to climate change.

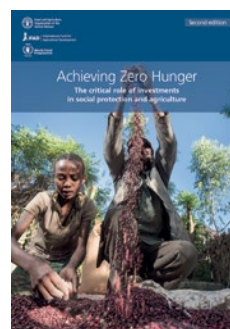
## ACHIEVING ZERO HUNGER

THE CRITICAL ROLE OF INVESTMENTS IN SOCIAL PROTECTION AND AGRICULTURE

According to this report, about USD267 billion per year are needed to achieve zero hunger. The publication examines the investment costs required to eliminate chronic dietary energy deficits by 2030. In a business-as-usual scenario, around 650 million people would still suffer from hunger in 2030. With this as a baseline, the report estimates the investment needed to eliminate hunger by 2030 using a combination of social protection and targeted pro-poor investments.

The first stage foresees social protection measures to bring the poor above the extreme poverty line through a "transfer to cover the poverty gap". A second stage involves additional investment to stimulate and sustain pro-poor growth.

FAO, WFP & IFAD, Rome, 2015  
ISBN 978-92-5-108886-9  
32 pp., 210 x 297 mm  
USD 20.00, Paperback  
Available in: Arabic, Chinese, English, French, Russian, Spanish



**ACHIEVING  
ZERO HUNGER**  
VIDEO 1'07"



Nearly **100 livestock** breeds became extinct between **2000 and 2014**.

**17% (1 458)** of the world's farm animal breeds are at risk of extinction.

**85% of local breeds** from non-OECD countries are at unknown risk status because of a lack of population data.

**Genetic erosion** is largely due to indiscriminate cross-breeding.

## GENETIC RESOURCES SERIES

The FAO Commission on Genetic Resources for Food and Agriculture Assessments provide global overviews, based on country data, of the state of the world's forest, plant, aquatic and animal genetic resources, and on biodiversity for food and agriculture.

# THE SECOND REPORT ON THE STATE OF THE WORLD'S ANIMAL GENETIC RESOURCES FOR FOOD AND AGRICULTURE

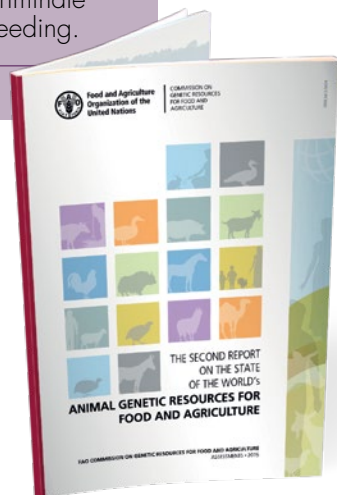
Domesticated animals contribute directly to the livelihoods of millions of people, including an estimated 70 percent of the world's rural poor. Maintaining the diversity of animal genetic resources makes it possible to adapt livestock management to changing conditions. This publication provides a comprehensive and timely assessment of livestock biodiversity and trends in animal genetic resources management, drawing on information provided by 129 countries and numerous other sources. It analyses management capacity and identifies the knowledge gaps that will have to be filled in order to tackle current challenges.

## THE STATE OF THE WORLD'S BIODIVERSITY FOR FOOD AND AGRICULTURE

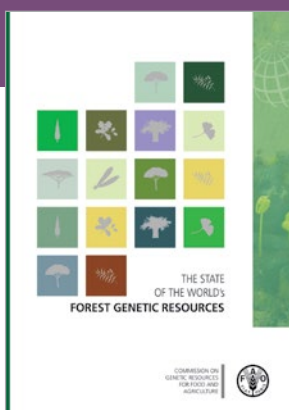
In addressing all biodiversity relevant to food and agriculture, the publication presents a broad perspective on the contributions made by biodiversity for food and agriculture to food security and nutrition, sustainable and resilient production, and the provision of ecosystem services.

**FORTHCOMING 2018**

Rome, 2015  
ISBN 978-92-5-108820-3  
604 pp., 176 × 250 mm  
USD 195.00, Hardcover  
Also available in  
e-book format  
Available in: English



THE SECOND REPORT ON  
**THE STATE OF THE WORLD'S  
ANIMAL GENETIC RESOURCES  
FOR FOOD AND AGRICULTURE**  
VIDEO 3'00"

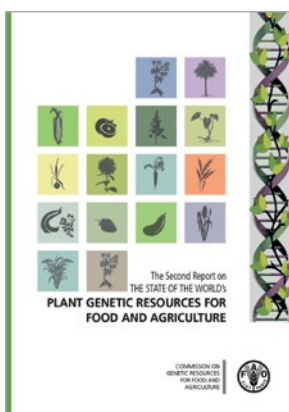


Rome, 2014  
 ISBN 978-92-5-108402-1  
 304 pp., 176 x 250 mm  
 USD 55.00, Hardcover  
 Also available in e-book format  
 Available in: English

## THE STATE OF THE WORLD'S FOREST GENETIC RESOURCES

Biodiversity in forest genetic resources is essential to improving species' productivity and the nutritional value of the foods they produce – including leafy vegetables, honey, fruits, seeds, nuts, roots, tubers and mushrooms. A wide variability in desirable traits, such as fruit size, growing speed, oil composition and pulp proportion, is a prerequisite for breeding and domesticating improved tree species.

Yet, according to this first-ever comprehensive global overview of forest genetic resources, half of the forest species reported as regularly utilized by countries are threatened by the conversion of forests to pastures and farmland, overexploitation, and the impacts of climate change. The report makes recommendations to address these threats, as well as analysing the drivers of change and relevant emerging technologies.

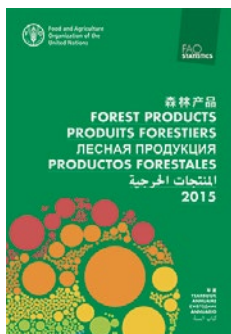


Rome, 2010  
 ISBN 978-92-5-106534-1  
 370 pp., 176 x 250 mm  
 USD 95.00, Hardcover  
 Available in: English

## THE SECOND REPORT ON THE STATE OF THE WORLD'S PLANT GENETIC RESOURCES FOR FOOD AND AGRICULTURE

Plant genetic diversity contributes to shaping agriculture growth in the face of climate change and other environmental challenges. Based on information gathered from country reports and a wealth of other documents, this publication tracks developments in the field of plant genetic resources between 1996 and 2010. The total number of seed samples conserved *ex situ*

increased by approximately 20 percent worldwide over this period, reaching 7.4 million, although minor crops and crop wild relatives remained under-represented. With the development of new molecular techniques, the amount of data available on genetic diversity increased dramatically, leading to better understanding of areas such as domestication, genetic erosion and genetic vulnerability.



Rome, 2017  
ISBN 978-92-5-009766-4  
358 pp., 210 × 297 mm  
USD 68.00, Paperback  
Also in e-book format  
Available in: Arabic, Chinese,  
English, French, Italian,  
Russian, Spanish (multilingual)

## **FAO YEARBOOK FOREST PRODUCTS 2015**

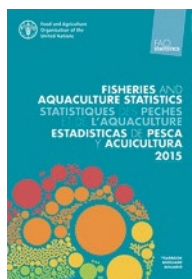
This is a compilation of statistical data on basic forest products for all countries and territories of the world. It contains annual data on the volume of production and the volume and value of trade in forest products. It also includes tables showing the direction of trade and average unit values of trade for certain products. Statistical information in the yearbook is based primarily on data provided to the FAO Forestry Department by countries through questionnaires and official publications.

## **FAO YEARBOOK OF FORESTS PRODUCTS 2016 (70TH EDITION)**

**FORTHCOMING MAY 2018**

## **FAO YEARBOOK FISHERY AND AQUACULTURE STATISTICS 2015**

This yearbook is a compilation of data on capture and aquaculture production, fleet, number of fishers, commodities production and trade and food balance sheets of fish and fishery products. All the key information and statistical tables are contained on a CD-ROM. An accompanying booklet includes general notes, concepts and classifications, and summary tables as well as a pull-out map of FAO major fishing areas. The booklet also includes an overview on the major trends and issues relating to the individual statistical sets.



Rome, 2017  
ISBN 978-92-5-009987-3  
108 pp.  
Available online only  
Available in: English, French,  
Spanish (trilingual)

## **FISHERIES AND AQUACULTURE STATISTICS 2016 (PRINT EDITION)**

**FORTHCOMING MAY 2018**

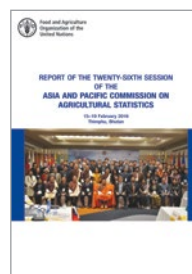


## **PACIFIC STRATEGIC PLAN FOR AGRICULTURAL AND FISHERIES STATISTICS**

**STRENGTHENING THE EVIDENCE BASE  
FOR ACHIEVEMENT OF THE SUSTAINABLE  
DEVELOPMENT GOALS**

This paper supports development of agricultural and fisheries statistics in the Pacific Small Island Developing States, addressing the demand for high-quality regionally comparable statistics for SDG monitoring and evidence-based policymaking.

FAO, SPC, Bangkok, 2018  
ISBN 978-92-5-130125-8  
44 pp., 210 × 297 mm  
Price available upon request,  
Paperback  
Available in: English



## **REPORT OF THE TWENTY- SIXTH SESSION OF THE ASIA AND PACIFIC COMMISSION ON AGRICULTURAL STATISTICS**

Rome, 2017  
ISBN: 978-92-5-109955-1  
60 pp., 210 × 297 mm  
Available in: English



# OECD-FAO AGRICULTURAL OUTLOOK 2017-2026

## SPECIAL FOCUS SOUTHEAST ASIA



Growth in **food demand** for virtually all commodities is anticipated to be less than in the previous decade

The **demand growth for ethanol and biodiesel** has weakened due to lower fossil fuel prices and fewer incentives from government policies.

Future growth in crop production will be attained mostly by **increasing yields**.

In Southeast Asia economic growth has been strong and the agriculture and fish sectors have developed rapidly, enabling the region to **reduce undernourishment** in recent years.

The OECD-FAO Agricultural Outlook is a collaborative effort between OECD and FAO. It has been published annually for the last 14 years and has become a leading global agricultural commodities indicator. It brings together the commodities, policy and country expertise of both organizations as well as input from collaborating member

countries to assess the medium-term prospects of national, regional and global agricultural commodities markets.

The thirteenth joint edition of this publication provides market projections to 2026 for major agricultural commodities, biofuels and fish. This year's report contains a special feature on Southeast Asia.

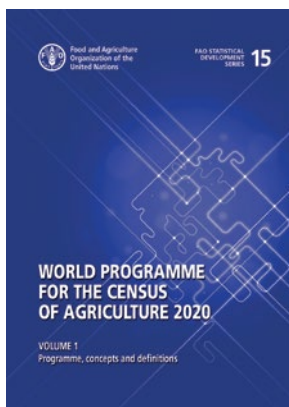
FAO & OECD, Rome, 2017  
ISBN: 978-92-5-109808-0  
136 pp., 210 X 297 mm  
USD 72.00, Paperback  
Available in: Chinese, English, French, Spanish

### OECD/FAO AGRICULTURAL OUTLOOK 2018-2027

Targeted at policy-makers, think-tanks and academia. This long-standing annual report brings together the OECD's data on OECD countries with FAO's data on other regions to offer a uniquely comprehensive overview. It provides an

assessment of prospects for the coming decade of the agricultural commodity markets across regions and countries around the globe. The 2018 issue will have a special feature on the Near East and North Africa Region.

**FORTHCOMING JULY 2018**



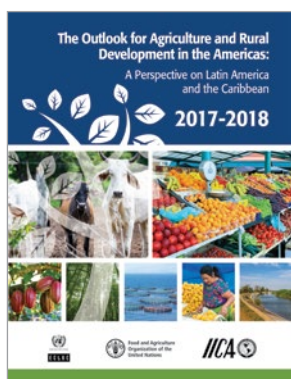
Rome, 2015  
ISBN 978-92-5-108865-4  
204 pp., 210 x 297 mm  
USD 30.00, Paperback  
Also in e-book format  
Available in: English, French  
Russian, Spanish

## WORLD PROGRAMME FOR THE CENSUS OF AGRICULTURE 2020

VOLUME 1: PROGRAMME,  
CONCEPTS AND DEFINITIONS

This publication provides guidance for agricultural censuses carried out by countries in the period 2016–2025. The World Programme for the Census of Agriculture 2020 will ensure that the data collected are comparable at the international level while also addressing emerging information needs. The publication discusses four modalities for conducting a

census of agriculture, and it emphasizes the benefits of developments in information technology for census data collection, processing and dissemination. By using these guidelines, countries can ensure that their census results are harmonized and internationally comparable, allowing them to benchmark their performance against others.



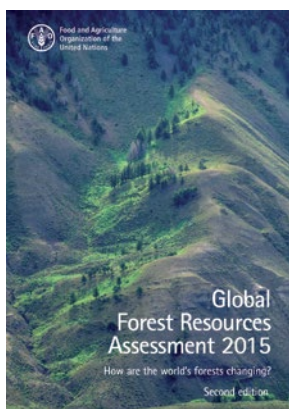
CEPAL, FAO, IICA, San José, 2017  
ISBN 978-92-5-130000-8  
268 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English, Spanish

## THE OUTLOOK FOR AGRICULTURE AND RURAL DEVELOPMENT IN THE AMERICAS

A PERSPECTIVE ON LATIN AMERICA AND  
THE CARIBBEAN 2017–2018

This publication analyses trends in – and the outlook for – macroeconomy, agriculture, rural well-being and policies in Latin America and the Caribbean. It makes recommendations on policies needed for the region's agriculture to regain

momentum and to enhance rural development. This edition shows a slow but uneven global economic recovery in 2016, with further signs of improvement in 2017, and a reduction in income inequality.



Rome, 2016 (second edition)

ISBN 978-92-5-109283-5

54 pp., 210 x 297 mm

USD 65.00, Paperback

Also in e-book format

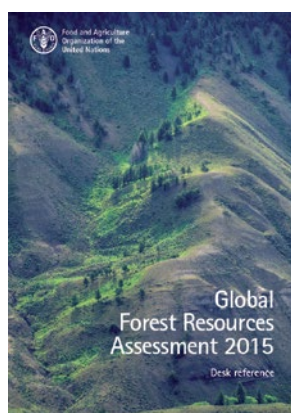
Available in: Arabic, Chinese, English,  
French, Russian, Spanish

# GLOBAL FOREST RESOURCES ASSESSMENT 2015

## HOW ARE THE WORLD'S FORESTS CHANGING?

Some 129 million hectares of forest – an area almost equivalent in size to South Africa – have been lost since 1990, as populations increase and forest land is converted to agriculture and other uses. However, building on comprehensive data covering 234 countries and territories, this report shows that over the past 25 years the rate of net global deforestation has slowed by more than 50 percent. The publication also notes that an increasing amount of forest areas

have come under protection while more countries are improving forest management, although positive trends need to be strengthened further. The **Global Forest Resources Assessment** was first published in 1948, and provides five-yearly updates on the status of the world's forests.



# GLOBAL FOREST RESOURCES ASSESSMENT 2015

## DESK REFERENCE

This desk reference provides the data reported by countries for the **Global Forest Resources Assessment 2015**. Presented in easy-to-consult tabular form, it is a useful companion to the main synthesis report as well as to the more detailed figures available on the Forest Land Use Data Explorer website.

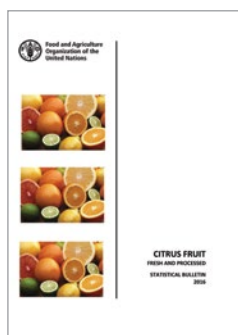
Rome, 2015

ISBN 978-92-5-108826-5

252 pp., 210 x 297 mm

USD 100.00, Paperback

Available in: Arabic, Chinese, English,  
French, Russian, Spanish



## **CITRUS FRUIT**

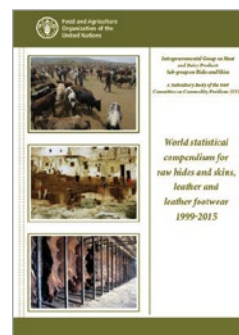
### **FRESH AND PROCESSED – STATISTICAL BULLETIN 2016**

This annual bulletin, based on a survey of member countries, provides data on production, trade and processing for oranges, tangerines, lemons, limes and grapefruit.

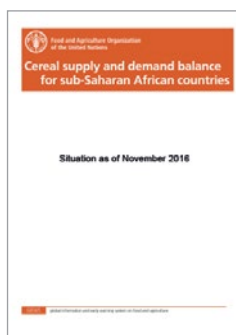
Rome, 2017  
76 pp., 210 X 297 mm  
Price available upon request,  
Paperback  
Available in: English

## **WORLD STATISTICAL COMPENDIUM FOR RAW HIDES AND SKINS, LEATHER AND LEATHER FOOTWEAR 1999–2015**

This is the seventeenth edition of the World Statistical Compendium. Prepared in response to the growing demand for coherent statistical data on the hides, skins and derived products sector, this edition contains updated figures up to 2015. The compendium contains results of statistical analysis of some 190 countries, linking stages of processing from the raw hide to the finished product stage.



Rome, 2016  
ISBN 978-92-5-109213-2  
136 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## **CEREAL SUPPLY AND DEMAND BALANCE FOR SUB-SAHARAN AFRICAN COUNTRIES**

SITUATION AS OF NOVEMBER 2016

The Cereal Supply and Demand Brief provides an up-to-date perspective of the world cereal market. The monthly brief is supplemented by a detailed assessment of cereal production as well as supply and demand conditions by country/region in the quarterly Crop Prospects and Food Situation.

Rome, 2016  
52 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## AMIS MARKET MONITOR

MARCH 2018

The AMIS Market Monitor provides a synopsis of major developments in international commodity markets, focusing on wheat, maize, rice and soybeans. It represents a collective assessment of the member organizations of AMIS concerning the international market situation and outlook. Published ten times a year, the report aims to improve market transparency and detect emerging problems that might warrant the attention of policy makers.

Rome, 2018  
16 pp., 210 x 297 mm  
Available in: English



## FAO RICE MARKET MONITOR

DECEMBER 2017

The FAO Rice Market Monitor provides an analysis of the most recent developments in the global rice market, including a short-term outlook.

Rome, 2017, 28 pp., 210 x 297 mm  
Available in: English, French, Spanish



## FAO FOOD PRICE INDEX

The Food Price Index is a measure of the monthly change in international prices of a basket of food commodities.

Only available online  
Available in: Arabic, Chinese, English, French, Russian, Spanish  
[www.fao.org/worldfoodsituation/foodpricesindex/en/](http://www.fao.org/worldfoodsituation/foodpricesindex/en/)

# ATLASES

FAO is the primary author of the International Global Standard for Land Cover ontologies, used

extensively by its member countries as well as by the United Nations and the European Union.

A team of eight experts, specialized in remote sensing and geographic information systems (GIS)

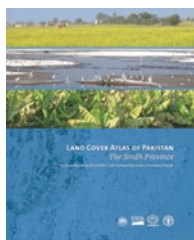
monitoring, support countries with land-cover mapping, agroecological zoning, crop monitoring, and modelling and risk analysis. FAO publishes the detailed national land cover databases in both print and electronic formats.



## THE PUNJAB PROVINCE

Rome, 2014

100 pp., 285 × 350 mm, Hardcover  
Available in: English



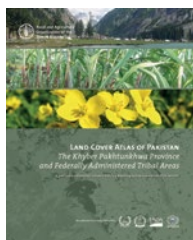
## THE SINDH PROVINCE

Rome, 2014

100 pp., 285 × 350 mm  
Hardcover, Available in: English

## LAND COVER ATLASES OF PAKISTAN

The Government of Pakistan, with support from cooperating partners, has initiated a comprehensive programme to improve agricultural statistical reporting using baseline data to support spatial monitoring and to evaluate ecosystem and landscape dynamics.



## THE KHYBER PAKHTUNKHWA PROVINCE AND FEDERALLY ADMINISTERED TRIBAL AREAS

Rome, 2016

ISBN 978-92-5-109162-3

112 pp., 285 × 350 mm

USD 150.00, Hardcover

Available in: English



## PAKISTAN RABI CROP MASK 2013-2014

WHEAT AND AUTUMN POTATO

FAO & SUPARCO, Rome, 2017

ISBN 978-92-5-109183-8

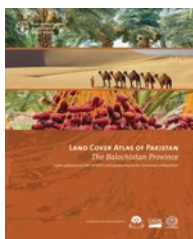
136 pp., 297 × 210 mm

Price available on request, Paperback

Available in: English

## THE BALOCHISTAN PROVINCE

FAO, SUPARCO, Crop Reporting Service, Government of Balochistan, Rome, 2017  
ISBN 978-92-5-109827-1  
88 pp., 290 × 360 mm  
Price available upon request, Hardcover. Available in: English



## PAKISTAN KHARIF CROP MASK 2014-2015: SUGARCANE RICE AND COTTON

FAO & SUPARCO, Rome, 2017

ISBN: 978-92-5-109668-0

120 pp., 297 × 210 mm

Price available upon request, Paperback

Available in: English





## THE ISLAMIC REPUBLIC OF AFGHANISTAN LAND COVER ATLAS

Afghanistan is a landlocked, mountainous country with a total area of about 652 000 km<sup>2</sup>, whose importance lies in its strategic position at the crossroads of Central Asia. It has a complex network of trade and culture as well as significant natural resources, yet it is very limited in land and water resources. Drawing on ongoing land-cover assessments and high-resolution aerial photography, this atlas provides reliable information on the current state of land-cover and distribution of major land cover classes.

Rome, 2016  
ISBN 978-9-2-5108915-6  
112 pp., 430 x 350 mm  
USD 280.00, Hardcover  
Available in: English



## THE LAND COVER ATLAS OF SUDAN

This atlas provides information on land-cover distribution in the Sudan, by administrative division, based on data obtained from high-resolution satellite imagery, the Africover land-cover database and other sources. Field verification was completed by national experts, who received customized training on methodology and tools. The final product has about 490 000 polygons classified into 83 different classes and aggregated into seven major classes for ease of analysis and display. It is organized in two main sections: country and states.

Rome, 2012  
56 pp., 420 x 297 mm  
USD 90.00, Paperback  
Available in: English



## LAND COVER ATLAS OF THE REPUBLIC OF SOUTH SUDAN

This atlas provides information on land-cover distribution – by administrative and sub-basin divisions – in the Republic of South Sudan, based on data obtained from satellite imagery, the Africover land-cover database and other sources. Field verification was completed by national experts, who received customized training on methodology and tools. The final product has about 100 000 polygons classified into 43 different classes and aggregated into seven major classes for ease of analysis and display.

Rome, 2011  
74 pp., 420 x 297 mm  
USD 100.00, Paperback  
Available in: English



## ATLAS OF TREES OF AL BAHÁ PROVINCE AND NEIGHBOURING SITES

This atlas enhances awareness of Saudi Arabia's flora and serves as a handbook for the staff and institutions in charge of sustainable forest development in the country. It contributes to achieving the Organization's Strategic Objective 2 (to make agriculture, forestry and fisheries more productive and sustainable) as well as to the Regional Priority Area of strengthening the capacity of Near East countries in the sustainable use of natural resources, including as regards animal genetics.

Riyadh, 2017  
ISBN 978-92-5-609601-2  
210 pp., 300 x 300 mm  
Price available on request  
Paperback  
Available in: Arabic

# IN FOCUS

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TOPICS COVERED IN THESE PUBLICATIONS HIGHLIGHT FAO'S PRIORITY THEMATIC AREAS IN WORKING TO ACHIEVE THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT.

BIODIVERSITY

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CLIMATE CHANGE

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FOOD SAFETY AND NUTRITION

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MIGRATION

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SUSTAINABLE DEVELOPMENT GOALS

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**Mainstreaming biodiversity as a cross-cutting theme in the agriculture, fisheries and forestry sectors.**

## BIODIVERSITY

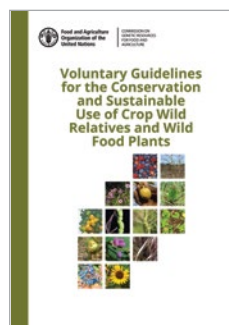


Rome, 2016  
48 pp., 200 x 250 mm  
Price available on request  
Paperback  
Available in: English,  
French, Spanish

## SUSTAINABLE AGRICULTURE FOR BIODIVERSITY

BIODIVERSITY FOR  
SUSTAINABLE AGRICULTURE

Biodiversity and ecosystems benefit people in countless ways, including by providing food, clean water, shelter and raw materials for our basic needs. This booklet presents FAO's work on mainstreaming biodiversity as a cross-cutting theme in the agriculture, fisheries and forestry sectors. It provides examples of on-the-ground activities and highlights relevant international mechanisms.



Rome, 2017  
ISBN 978-92-5-109919-3  
104 pp., 210 x 297 mm  
USD 93.00, Paperback  
Available in e-book format  
Available in Arabic, English,  
French, Spanish

## VOLUNTARY GUIDELINES FOR THE CONSERVATION AND SUSTAINABLE USE OF CROP WILD RELATIVES AND WILD FOOD PLANTS

This overview of crop wild relatives and wild food plants describes their human and environmental benefits and the threats they face (e.g. natural disasters). It provides recommendations for implementing a national conservation plan, ranging from target species inventories to threat assessments.

### NEPAL

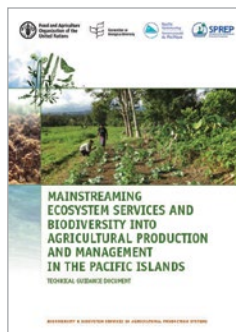
Forest in the Sandhikharka area.  
©Chris Steele-Perkins/Magnum  
Ph/FAO



## MAINSTREAMING OF BIODIVERSITY AND ECOSYSTEM SERVICES WITH A FOCUS ON POLLINATION

FAO has developed a protocol to identify and assess pollination deficits in crops. Results emerging from this endeavour strongly indicate that pollination deficits might exist in a wide variety of farming systems across the world. For this publication, researchers and policy-makers considered a range of actions to address pollination deficits and develop an indicative set of policy responses. The publication demonstrates the importance of strengthening the interface between the scientific community, knowledge-holders and policy-makers in the area of ecosystem services.

Rome, 2016  
ISBN 978-92-5-108666-7  
66 pp., 212 × 292 mm  
Price available on request  
Paperback  
Available in: English



Rome, 2014  
ISBN 978-92-5-109529-4  
92 pp., 176 × 250 mm  
USD 37.00, Paperback  
Available in: English

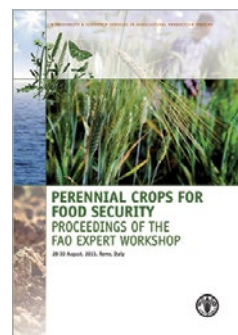
## MAINSTREAMING ECOSYSTEM SERVICES AND BIODIVERSITY INTO AGRICULTURAL PRODUCTION AND MANAGEMENT IN THE PACIFIC ISLANDS

This guidance document details the links between ecosystem services and biodiversity in agriculture, and analyses current policies and best practices across the Pacific Islands. It notably examines the synergies between the sustainable management of chemicals and biodiversity conservation and use. The publication also presents key policy entry points for mainstreaming approaches to agriculture that reduce the use of agrochemicals.

## PERENNIAL CROPS FOR FOOD SECURITY

PROCEEDINGS OF THE FAO  
EXPERT WORKSHOP

This publication presents the latest trends and research in perennial crop breeding programmes. Many production systems and agricultural practices are no longer sustainable today, as their effects on soils, water, biodiversity, and livelihood are significant. Mainstreaming the use of perennial crops into current practices can contribute to stabilizing fragile soils and to maintaining natural processes essential to obtain stable and high yields.



Rome, 2014  
ISBN 978-92-5-107998-0  
400 pp., 210 × 297 mm  
Price available on request  
Paperback  
Available: English

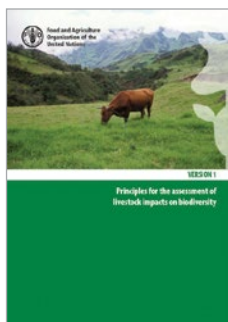


### **GUIDELINES ON ASSESSING BIODIVERSE FOODS IN DIETARY INTAKE SURVEYS**

Current food systems are facing mounting challenges to provide growing populations with safe, diverse and nutritionally adequate foods because of resource constraints, environmental degradation as well as the continual narrowing of the food base and the loss of biodiversity. In order to mainstream biodiversity and to improve nutrition at national and local levels, a thorough understanding of the contribution of food biodiversity to healthy diets is needed. FAO developed these guidelines to support the mainstreaming of biodiversity into policies, programmes and national and regional plans of action on nutrition.

FAO & Biodiversity International  
Rome, 2017  
ISBN 978-92-5-109598-0  
84 pp., 210 × 297 mm  
Price available on request, Paperback  
Available in: English

## **BIODIVERSITY**



### **PRINCIPLES FOR THE ASSESSMENT OF LIVESTOCK IMPACTS ON BIODIVERSITY**

Whether livestock has a positive or negative impact on biodiversity very much depends on the intensity of production, the nature of specific practices, the livestock species used, and local ecological conditions. This publication identifies broad principles intended to assist stakeholders in the assessment of livestock impacts on biodiversity.

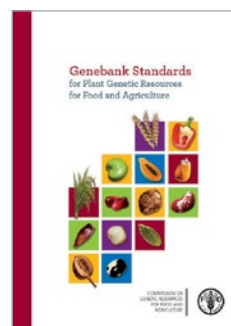
Rome, 2016  
ISBN 978-92-5-109521-8  
174 pp., 210 × 297 mm  
Price available on request, Paperback  
Available in: English



### **COMMON PLANTS OF MALDIVES**

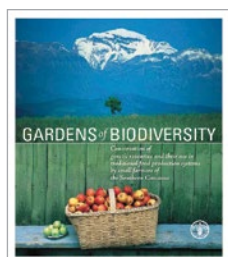
The book covers 270 species of vascular plants, both native and non-native, found on more than 50 islands of the Maldives. It will be a useful field guide for both specialists and nonspecialists.

FAO & KFRI, Bangkok, 2016  
ISBN 978-92-5-109295-8  
308 pp., 175 × 240 mm  
Price available on request,  
Paperback  
Available in: English



### **GENEBANK STANDARDS FOR PLANT GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

Rome, 2014  
E-ISBN 978-92-5-108262-1  
168 pp., 175 × 250 mm  
USD 64.00, Paperback  
Available in: Arabic, Chinese,  
English, French, Russian, Spanish

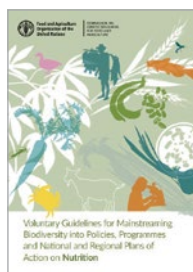


## GARDENS OF BIODIVERSITY

CONSERVATION OF GENETIC RESOURCES AND THEIR USE IN TRADITIONAL FOOD PRODUCTION SYSTEMS BY SMALL FARMERS OF THE SOUTHERN CAUCASUS

The Southern Caucasus is an important centre of origin and diversity of many species and varieties that are the basis for global food production. This book contains photos and information on selected species that hold potential to adapt to the production systems of the 21st century. It also contains studies on the food habits of the people of the Southern Caucasus, who contribute to maintaining sustainable agricultural systems.

Rome, 2010  
ISBN 978-92-5-106613-3  
392 pp., 210 x 240 mm  
USD 70.00, Paperback  
Available in: English, Russian



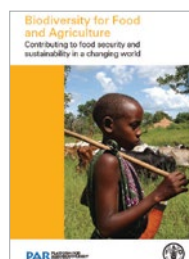
## VOLUNTARY GUIDELINES FOR MAINSTREAMING BIODIVERSITY INTO POLICIES, PROGRAMMES AND NATIONAL AND REGIONAL PLANS OF ACTION ON NUTRITION

Appropriate use of biodiversity for food and agriculture in nutrition and agriculture programmes is a key means of addressing malnutrition in all its forms. The Commission on Genetic Resources for Food and Agriculture endorsed these Voluntary Guidelines with the aim of assisting countries in making the best use of biodiversity in their nutrition programmes.

Rome, 2015  
8 pp., 176 x 250 mm  
Price available on request  
Paperback  
Available in: Arabic, Chinese, English, French, Spanish, Russian

## BIODIVERSITY FOR FOOD AND AGRICULTURE

CONTRIBUTING TO FOOD SECURITY AND SUSTAINABILITY IN A CHANGING WORLD



Rome, 2011  
ISBN 978-92-5-106748-2  
78 pp., 176 x 250 mm  
Price available on request  
Paperback  
Available in: English

Agricultural production must become increasingly sustainable and meet societal goals of access to sufficient, safe and nutritious food. This publication considers what is involved in ensuring that biodiversity contributes to improved food security. It summarizes the major challenges expected over the next 40 years and offers a perspective on the fundamental changes needed to ensure that biodiversity contributes to sustainable and productive systems.

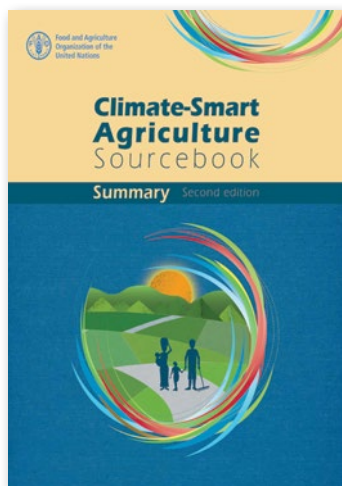
## INVENTAIRE FLORISTIQUE ET FAUNIQUE DES ÉCOSYSTÈMES DE MANGROVES ET DES ZONES HUMIDES CÔTIÈRES DU BÉNIN



FAO, LEA, Université d'Abomey-Calavi, Cotonou, 2018  
88 pp., 210 x 297 mm  
ISBN 978-92-5-130148-7  
Price available upon request, Paperback  
Available in: French

This report provides an inventory of flora and fauna species in Benin's mangrove ecosystems, including distribution, conservation and space-time dynamics. It calls for conservation actions for endangered species.

## CLIMATE CHANGE



Executive summary

Rome, 2017

56 pp., 176 x 250 mm

Price available upon request,

Paperback

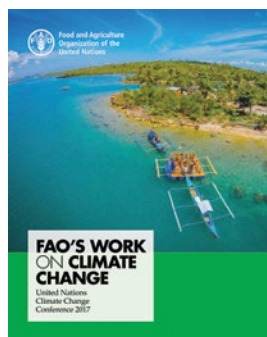
Available in: English, French, Spanish

## CLIMATE-SMART AGRICULTURE SOURCEBOOK

SECOND EDITION

This web-based sourcebook was launched on the occasion of COP23. It examines the concept of climate-smart agriculture and demonstrates its potential and limitations. It will help decision-makers understand the options available for making agricultural landscapes and food systems more climate-smart and fight the impact of climate change.

**The defining issue  
of our time and  
fundamental threat  
to global food  
security, sustainable  
development and  
poverty eradication.**



Rome, 2017

40 pp., 200 x 250 mm

Price available upon request,

Paperback

Available in: Arabic, Chinese,  
English, French, Russian, Spanish

## FAO'S WORK ON CLIMATE CHANGE

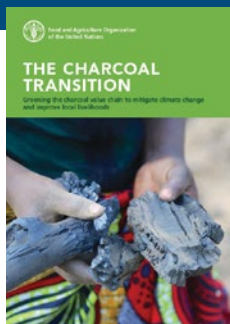
UNITED NATIONS CLIMATE CHANGE  
CONFERENCE 2017

This publication was launched during COP23. It presents FAO's key messages on climate change and food security and includes examples of how FAO supports countries so they are better able to adapt to the impacts of climate change in the agricultural sectors, including through land restoration, climate-smart agriculture and improved water management.

### TUNISIA

A salt extraction plant in Thyna  
Biodiversity Conservation Natural  
Resources Park.

©FAO/Giulio Napolitano



## THE CHARCOAL TRANSITION

GREENING THE CHARCOAL VALUE CHAIN TO MITIGATE CLIMATE CHANGE AND IMPROVE LOCAL LIVELIHOODS

About half the wood extracted from the world's forests is used to produce energy, mostly for cooking and heating. Of this, almost one-fifth is converted to charcoal, with production expected to continue increasing in coming decades. Although it generates income for more than 40 million people, the charcoal sector is largely informal and a lack of regulation leads to harmful impacts on human health and the environment. This publication shows that greening the charcoal value chain has considerable potential for reducing greenhouse gas emissions on a global scale. It sets out the actions that policymakers and other stakeholders can take to develop a climate-smart charcoal sector.

Rome, 2017  
ISBN 978-92-5-109680-2  
192 pp., 210 x 297 mm  
USD 45.00, Paperback

Available in: English  
Executive summary available in:  
Arabic, Chinese, English, French,  
Russian, Spanish

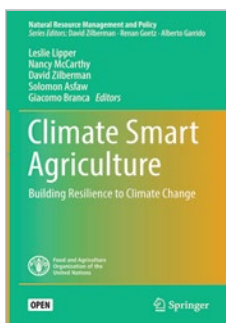


## FAO STRATEGY ON CLIMATE CHANGE

ROME, JULY 2017

FAO's strategy and priorities for action at global, regional, national and local levels to support Member Nations in achieving their commitments to face climate change.

Rome, 2017  
52 pp., 210 x 297 mm  
Price available on request, Paperback  
Available in: English, French, Spanish

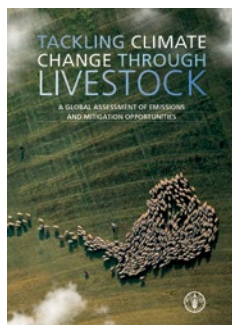


## CLIMATE SMART AGRICULTURE

BUILDING RESILIENCE TO CLIMATE CHANGE

This new Open Access book on climate-smart agriculture (CSA), co-published with Springer, shares tested good practices and innovative approaches for promoting CSA systems in support of food security at country level. Its in-depth analysis complements the more hands-on Climate-Smart Agriculture Sourcebook.

FAO, Springer, Rome, 2017, ISBN: 978-92-5-109966-7  
628 pp., 210 x 297 mm, Open Access, Paperback  
Available in: English



## TACKLING CLIMATE CHANGE THROUGH LIVESTOCK

A GLOBAL ASSESSMENT OF EMISSIONS AND MITIGATION OPPORTUNITIES

This report provides the most comprehensive global assessment to date of the livestock sector's greenhouse gas emissions and its climate change mitigation potential, presenting a detailed assessment of the magnitude, sources and pathways of emissions caused by various production systems and supply chains. Relying on life cycle assessment, statistical analysis and scenario-building, the report identifies concrete options for reducing emissions, which are urgently needed given that the livestock sector's greenhouse gas emissions are expected to rise, with a projected increase in demand for livestock products of 70 percent by 2050.

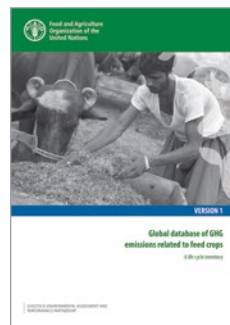
Rome, 2013  
ISBN 978-92-5-107920-1  
140 pp., 176 x 250 mm  
USD 40.00, Paperback  
Also available in e-book format  
Available in: English,  
French, Spanish

## CLIMATE CHANGE

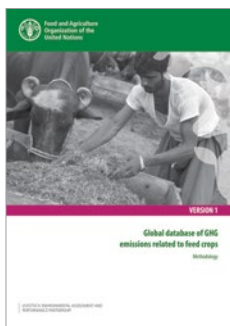
## GLOBAL DATABASE OF GHG EMISSIONS RELATED TO FEED CROPS

A LIFE CYCLE INVENTORY

This paper describes the development of a life cycle inventory and emission intensity database with the aim of establishing a global database of greenhouse gas emissions and emission intensities for major feed crops, disaggregated by crop and production practices.



Rome, 2017  
ISBN 978-92-5-130078-7  
92 pp., 210 x 297 mm  
Price available upon request, Paperback



## GLOBAL DATABASE OF GHG EMISSIONS RELATED TO FEED CROPS: METHODOLOGY

In the framework of the development of a life cycle inventory database for feed crops, this document presents the study background, approach and methodology. It also discusses the results of the analysis of greenhouse gas emissions, calculated using the Global Livestock Environmental Assessment Model (GLEAM) that simulates the interaction of livestock production and the environment.

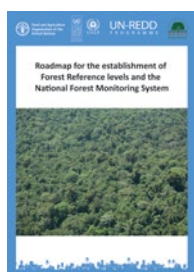
Rome, 2017  
28 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



Rome, 2017  
ISBN 978-92-5-109755-7  
116 pp., 210 x 297 mm  
USD 45.00, Paperback  
Available in: English,  
French, Spanish

## ADDRESSING AGRICULTURE, FORESTRY AND FISHERIES IN NATIONAL ADAPTATION PLANS

An overview of how climate change impacts agricultural sectors, this publication guides governments through agricultural adaptation planning, including enhanced water conservation measures, improved pest management, and regular monitoring.



FAO, Kenya Forest Service Nairobi, 2017  
ISBN 978-92-5-109369-6, 80 pp., 210 x 297 mm  
Price available upon request, Paperback, Available in: English

## ROADMAP FOR THE ESTABLISHMENT OF FOREST REFERENCE LEVELS AND THE NATIONAL FOREST MONITORING SYSTEM

The REDD+ implementation process seen through the lens of the Government of Kenya's efforts to establish a national programme.



Rome, 2017  
ISBN 978-92-5-109704-5, 80 pp., 148 x 210 mm  
Price available upon request, Paperback  
Also available in e-book format, Available in: English

## ADOPTION OF CLIMATE TECHNOLOGIES IN THE AGRIFOOD SECTOR

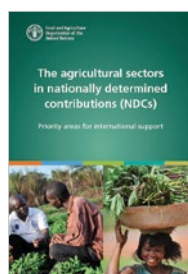
Given the food sector's contribution to greenhouse gas emissions, this publication provides a methodology to monitor market penetration and adoption of sustainable climate technologies (such as drip irrigation or renewable energy systems).



## ANALYSIS OF FORESTS AND CLIMATE CHANGE IN EASTERN AFRICA

This publication aims to strengthen countries' capacities to mitigate and adapt to climate change through sustainable forest management. It reviews climate change impacts in Eastern Africa, suggesting mitigation and adaptation options (e.g. woodfuel and biofuel production).

Rome, 2017  
ISBN 978-92-5-109910-0  
Price available upon request, Paperback  
96 pp., 210 x 297 mm  
Available in: English



## THE AGRICULTURAL SECTORS IN NATIONALLY DETERMINED CONTRIBUTIONS (NDCS)

PRIORITY AREAS FOR INTERNATIONAL SUPPORT

Rome, 2016, 32 pp., 176 x 250 mm  
Price available on request, Paperback  
Available in: English, French, Spanish

## ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT



### TAKE IT OR LEAVE IT?

TOWARDS A DECISION SUPPORT TOOL ON  
SUSTAINABLE CROP RESIDUE USE

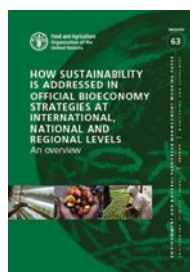
In the last decade, the increased interest in bioenergy production has led to the need for improved crop residue management. Crop residues have historically been used to sustain healthy soils for food production, as feed and bedding for livestock, and as raw material for heating and cooking. Today, the link between crop residue management and food security is evident.

The study presents a first attempt in designing such a decision support tool for soil residue management. It seeks to explore the effect of crop residue management on soil quality and yield, two crucial aspects for food security.

Rome, 2014, ISBN 978-92-5-108600-1  
100 pp., 210 x 297 mm, Price available on request  
Paperback, Available in: English

### HOW ACCESS TO ENERGY CAN INFLUENCE FOOD LOSSES

SEE PAGE 104

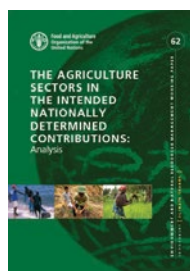


### HOW SUSTAINABILITY IS ADDRESSED IN OFFICIAL BIOECONOMY STRATEGIES AT INTERNATIONAL, NATIONAL AND REGIONAL LEVELS

AN OVERVIEW

The crosscutting nature of the bioeconomy offers a unique opportunity to address inter-connected societal challenges such as food security, natural resource scarcity, fossil resource dependence and climate change, while achieving sustainable economic development. This report provides an overview of about 20 bioeconomy strategies, at international, national and subnational levels and discusses ten action plans related to some of these strategies.

Rome, 2016, ISBN 978-92-5-109364-1  
48 pp., 210 x 297 mm, Price available on request  
Paperback, Available in: English



### THE AGRICULTURE SECTORS IN THE INTENDED NATIONALLY DETERMINED CONTRIBUTIONS

ANALYSIS

This report provides an overview on how the agriculture sectors have been included in the Intended Nationally Determined Contributions (INDCs). It explores mitigation mechanisms with the aim of providing a basis to identify priorities for international support for climate action in the agricultural sectors.

Rome, 2016, ISBN 978-92-5-109244-6  
80 pp., 210 x 297 mm, Price available on request  
Paperback, Available in: English



## CLIMAFRICA

CLIMATE CHANGE PREDICTIONS IN  
SUB-SAHARAN AFRICA: IMPACTS AND  
ADAPTATIONS

To better understand the current dynamics affecting food production, this publication presents a model for examining the impact of climate change on agricultural production systems, including spatial datasets, tabular information and metadata.

Rome, 2017  
ISBN: 978-92-5-109706-9  
64 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

## MAINSTREAMING CLIMATE-RELATED DISASTER RISK REDUCTION IN EASTERN AFRICA'S AGRICULTURE AND FOOD SECTORS

This publication provides recommendations to deal with climate-related agricultural hazards, from effective early warning to financial resource allocation.

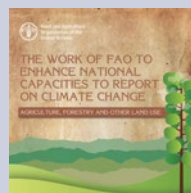


Addis Ababa, 2017  
ISBN 978-92-5-109900-1  
80 pp., 210 x 297 mm  
USD 40.00, Paperback  
Available in: English



## SMALLHOLDER FOREST PRODUCER ORGANIZATIONS IN A CHANGING CLIMATE

Rome, 2017  
24 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



## THE WORK OF FAO TO ENHANCE NATIONAL CAPACITIES TO REPORT ON CLIMATE CHANGE

Rome, 2017  
20 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, French, Spanish

This infographic booklet shows how FAO assists member countries in implementing the Measurement, Reporting and Verification (MRV) framework, through GHG estimates and reporting, quality assurance and control, and data collection and analysis.

These reports are prepared by the Global Information and Early Warning System (GIEWS). Their priority is to describe anomalous conditions in order to issue early warnings. They also provide information on the food security situation of countries in emergency situations, at both national and subnational levels.



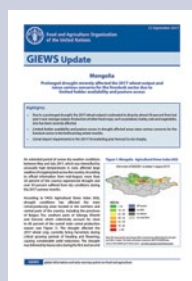
### **GIEWS UPDATE** BANGLADESH

Rome, 2017  
4 pp. 210 × 297 mm  
Available in: English



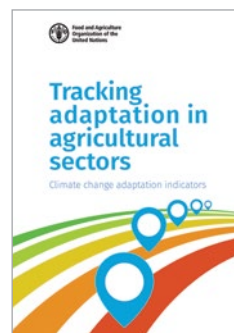
### **GIEWS UPDATE** ETHIOPIA

Rome, 2017  
4 pp., 210 × 297 mm  
Available in: English



### **GIEWS UPDATE** MONGOLIA

Rome, 2017  
4 pp., 210 × 297 mm  
Available in: English



### **TRACKING ADAPTATION IN AGRICULTURAL SECTORS**

The 2015 Paris Agreement called for improved adaptation tracking systems in agriculture, but a lack of adequate baseline data and project-specific tools, amongst other challenges, has limited development of country-level tracking methods. Launched on the occasion of COP23, this paper outlines a framework and proposes comprehensive indicators for Tracking Adaptation in Agricultural Sectors (TAAS) at national level, taking into account linkages between different agricultural sectors and local systems.

Rome, 2017  
ISBN 978-92-5-130020-6  
84 pp., 176 × 250 mm  
USD 56.00, Paperback  
Available in: English

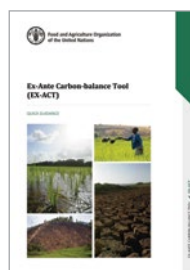


### **EX-ANTE CARBON-BALANCE TOOL FOR COASTAL WETLANDS, FISHERIES AND AQUACULTURE MANAGEMENT**

GUIDELINES

A guide to using the EX-Ante Carbon-balance Tool to estimate the impacts of management activities in coastal wetlands, aquaculture and fisheries, enabling investment planners to design programme activities with positive climate change mitigation outcomes.

Rome, 2017  
ISBN 978-92-5-130115-9  
28 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

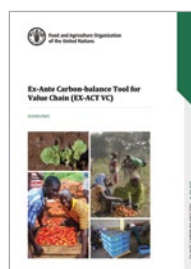


### **EX-ANTE CARBON-BALANCE TOOL (EX-ACT)**

QUICK GUIDANCE

Complementing the longer EX-ACT User Manual, this guide provides an overview of the Ex-Ante Carbon-balance Tool, a land-based accounting system that prioritizes project activities with the greatest economic benefits and potential for climate change mitigation.

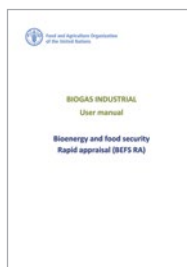
Rome, 2017, ISBN 978-92-5-130008-4  
32 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### **EX-ANTE CARBON-BALANCE TOOL FOR VALUE CHAIN (EX-ACT VC)**

Rome, 2017  
ISBN 978-92-5-109946-9  
68 pp., 210 x 297 mm  
Price available upon request, Paperback, Available in: English

This publication explains the methodology of the FAO EX-ACT Value Chain Tool, which includes eight modules (e.g. land-use change, production practices, processing) for analysing crops, livestock, fisheries and aquaculture production and increasing profitability and environmental performance.



### **BIOGAS INDUSTRIAL**

USER MANUAL

Rome, 2017  
ISBN 978-92-5-109750-2  
56 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

A user manual to support utilization of the BEFSRA biogas industrial tool in evaluating the potential of biogas production from different organic materials for electricity, heat or cooking. It includes definitions and figures showing how to run the tool.

## IN FOCUS



**Food availability and waste, food safety, nutrition and other key food-related questions.**

## FOOD SAFETY AND NUTRITION



### CODEX AND THE FOOD WE EAT VIDEO 10'10"



## UNDERSTANDING CODEX

### CODEX ALIMENTARIUS

This publication presents the Codex Alimentarius Commission, what it is and how it works. Established by FAO and WHO in the 1960s, it has become the most important international reference point for developments associated with food standards. Throughout much of the world, an increasing number of consumers and governments are becoming aware of food quality and safety issues and are realizing the need to be selective about the foods being consumed. It is now common for consumers to demand that their governments take legislative action to ensure that only safe food of acceptable quality is sold and that the risk of food-borne health hazards is minimized.

#### FAO & WHO

Rome, 2016 (4th edition)

ISBN 978-92-5-109236-1

56 pp., 210 x 297 mm

Price available on request, Paperback

Available in: English, Russian

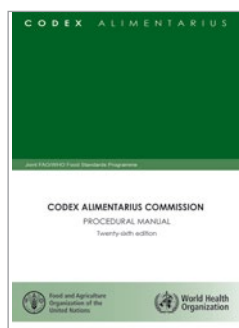
(3rd edition also available in

Chinese, French and Spanish)



#### NIGER

Mehao Saley, 60 years, one of the beneficiaries of the ASTF zero hunger initiative, preparing a meal for the family  
©FAO/Andrew Esiebo



## **CODEX ALIMENTARIUS COMMISSION**

PROCEDURAL MANUAL  
26TH EDITION

This manual helps Member governments to participate effectively in the work of the joint FAO/WHO Food Standards Programme, setting out the basic rules of procedure, definitions, and guidelines for Codex Committees.

WHO, FAO, Rome, 2018

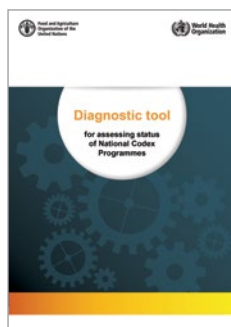
ISBN 978-92-5-130341-2

264 pp., 148 x 210 mm

Price available upon request, Paperback

Also available in e-book format

Available in: English, French, Spanish



## **FOOD IMPORT AND EXPORT INSPECTION AND CERTIFICATION SYSTEMS**

In order to strengthen food control systems, this publication provides guidelines on different aspects of inspection and certification, including design and operation of systems, equivalence agreements, generic official certificates and product tracing.

FAO, WHO, Rome 2017

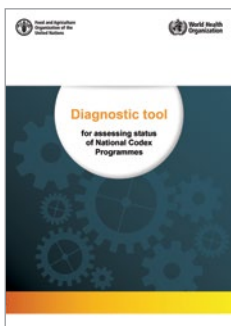
ISBN 978-92-5-107077-2

120 pp., 210 x 297 mm

Price available upon request, Paperback

Also available in e-book format

Available in Arabic, Chinese, English, French, Russian, Spanish



## **DIAGNOSTIC TOOL FOR ASSESSING STATUS OF NATIONAL CODEX PROGRAMMES**

This diagnostic tool allows countries to carry out a self-assessment of the status of their National Codex Programme and identify areas for improvement.

FAO, WHO, Rome 2017

ISBN 978-92-4-151280-0

48 pp., 210 x 297 mm

Price available upon request, Paperback

Available in: English, Spanish

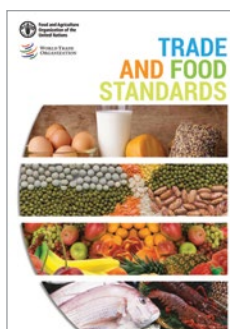
## FOOD SAFETY AND NUTRITION



### THE SCIENCE OF FOOD STANDARDS

This publication showcases FAO/WHO's joint efforts in improving risk assessment methodologies and scientific evaluations to develop standards on chemical residues, additives and contaminants that will protect consumers and ensure fair practices.

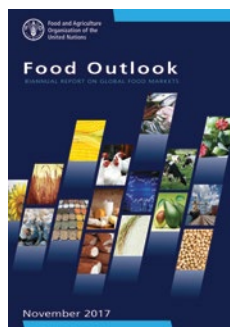
FAO, WHO, Rome, 2017  
ISBN 978-92-5-109823-3  
60 pp., 176 x 250 mm  
USD 28.00, Paperback  
Available in: English, French, Spanish



### TRADE AND FOOD STANDARDS

This publication reviews the FAO/WTO effort to set international food standards. It presents the drivers of change in food regulation (e.g. whole genome sequencing, genetically modified organisms, consumption patterns), stressing the need for stronger institutions to keep food safe.

FAO, WTO, Rome, 2017  
ISBN 978-92-5-109793-9  
72 pp., 210 x 297 mm  
USD 52.00, Paperback  
Available in: Arabic,  
Chinese, English, French,  
Russian, Spanish



### FOOD OUTLOOK, NOVEMBER 2017

According to the report, food commodity markets remain well supplied while food import costs are expected to rise by 6 percent compared to last year's. This is due to a substantial increase in freight rates, stronger import demand and firmer prices for most food commodities.

Rome, 2017  
152 pp., 210 x 297 mm  
USD 84.00, Paperback  
Available in: Arabic,  
Chinese, English, French,  
Russian, Spanish

## FOOD SAFETY AND QUALITY SERIES

This series provides cutting-edge scientific knowledge and promotes best practices to help stakeholders and relevant authorities involved in agri-food value chains to assess and manage food safety risks.



### **RISK COMMUNICATION APPLIED TO FOOD SAFETY** HANDBOOK

This handbook focuses on practical principles and communication practices to support risk management of adverse food safety (including quality) events associated with biological, chemical and physical hazards.

FAO & WHO, Rome, 2016,  
ISBN 978-92-5-109313-9  
96 pp., 210 x 297 mm  
Price available on request  
Paperback  
Also in e-book format  
Available in: English



### **FOOD SAFETY RISK MANAGEMENT**

EVIDENCE-INFORMED  
POLICIES AND DECISIONS,  
CONSIDERING MULTIPLE  
FACTORS

A practical guidance document, informed by case studies from Thailand and Uganda, on how a multi-factor decision-making methodology for food safety can help set priorities and manage risks.

Rome, 2017  
ISBN 978-92-5-130065-7  
108 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

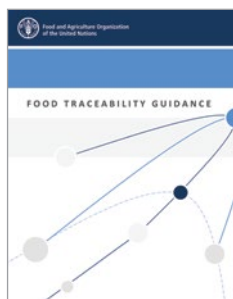


### **RISK BASED IMPORTED FOOD CONTROL** MANUAL

Rome, 2016  
ISBN 978-92-5-109070-1  
184 pp., 210 x 297 mm  
Available in: English, French, Spanish

This manual aims to support competent authorities in improving the effectiveness of control measures they oversee. It discusses the different types of approach to managing risks related to imported food, and provides concrete illustrations of how Codex Alimentarius guidelines can be implemented in different ways.

## FOOD SAFETY AND NUTRITION



### FOOD TRACEABILITY GUIDANCE

In order to increase food safety efforts and awareness, this publication establishes best practices for sharing information among trading partners along the food chain, from farmer to supplier. It offers guidance to improve food traceability through crop identification, food labelling and record-keeping.

Santiago, 2017  
ISBN 978-92-5-109876-9  
140 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

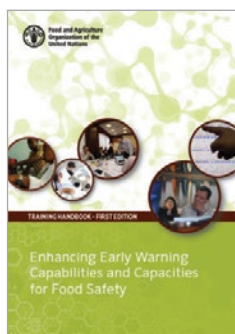
### APPLICATIONS OF WHOLE GENOME SEQUENCING IN FOOD SAFETY MANAGEMENT

Recent advances in whole genome sequencing (WGS) technology have the potential to play a significant role in food safety. WGS provides rapid identification and characterization of micro-organisms, including antimicrobial resistance, with a level of precision not previously possible.

This publication shows how WGS applications in food safety management could contribute to enhanced consumer protection, trade facilitation, nutrition and food security.



Rome, 2016  
32 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



Rome, 2016  
ISBN 978-92-5-108989-7  
104 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English

### ENHANCING EARLY WARNING CAPABILITIES AND CAPACITIES FOR FOOD SAFETY

Worldwide, food safety incidents can have a significant impact on public health, economies, agrifood trade, food security, and public confidence in the food supply. The prevention, mitigation and management of food safety incidents globally can be enhanced through more effective early warning systems for food safety. This publication provides a resource for countries to enhance their early warning capabilities and capacities. It emphasizes the need to build and connect links between existing food safety infrastructure (e.g. surveillance and food control) and to improve collaborative relationships among all food chain stakeholders in order to protect public health and the food supply.

**PESTICIDE RESIDUES  
IN FOOD 2017**

**SEE PAGE 191**



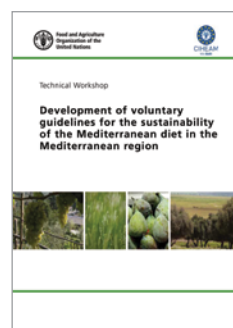
## COMPENDIUM OF FOOD ADDITIVE SPECIFICATIONS

This issue covers food additives used directly in foods or in food production. The document focuses on identifying the additives that have been tested for safety, ensuring that they comply with standards and encouraging good manufacturing practice.

FAO, WHO, Rome, 2017  
ISBN 978-92-5-130021-3  
104 pp., 210 x 297 mm  
USD 55.00, Paperback  
Available in: English

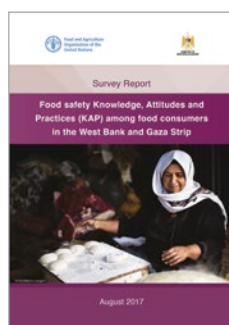
## DEVELOPMENT OF VOLUNTARY GUIDELINES FOR THE SUSTAINABILITY OF THE MEDITERRANEAN DIET IN THE MEDITERRANEAN REGION

Despite its proven benefits, the Mediterranean diet is losing ground in Mediterranean countries. This publication calls for action to promote this diet, explaining how it could contribute to the 2030 Agenda in this region.



FAO & CIHEAM, Bari, 2017  
ISBN 978-92-5-109832-5  
156 pp., 176 x 250 mm  
USD 50.00, Paperback  
Available in: English

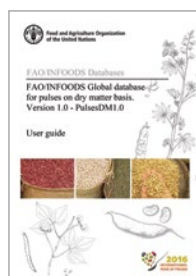
## FOOD SAFETY KNOWLEDGE, ATTITUDES AND PRACTICES (KAP) AMONG FOOD CONSUMERS IN THE WEST BANK AND GAZA STRIP



This publication looks at Palestinian households' knowledge on food safety and stresses the need to promote best practices across the commodity life cycle, encouraging individuals and manufacturers to exercise caution when buying, storing, handling and preparing food.

FAO, Ministry of National Economy – Palestine, Jerusalem, 2017  
ISBN 978-92-5-109990-2  
74 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: Arabic, English

# FOOD SAFETY AND NUTRITION



## FAO/INFOODS GLOBAL DATABASE FOR PULSES ON DRY MATTER BASIS

VERSION 1.0 – PULSED1.0

USER GUIDE

Rome, 2017, ISBN 978-92-5-109719-9

32 pp., 210 x 297 mm, Price available upon request, Paperback

Available in: English



## FAO-OIV FOCUS 2016 TABLE AND DRIED GRAPES

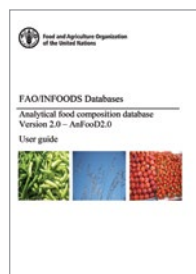
A presentation of the latest data on market size, consumption, domestic production, exports and imports of table and dried grapes since 2000. This report includes general considerations on food uses of grape products and their nutritional value.

FAO, OIV, Rome, 2017  
ISBN 978-92-5-109708-3

64 pp., 210 x 297 mm

Price available upon request,  
Paperback

Available in: English



## FAO/INFOODS DATABASES

ANALYTICAL FOOD COMPOSITION DATABASE

VERSION 2 – ANFOOD2.0

This document presents the FAO/INFOODS database to help countries obtain high quality food composition data.

Version 2 of the database has 504 legumes and 42 components not included in the previous version.

Rome, 2017, ISBN 978-92-5-109789-2

32 pp., 210 x 297 mm, Price available upon request, Paperback

Available in: English



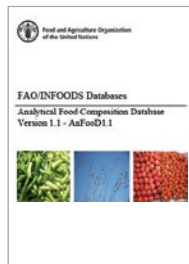
## GLOBAL FOOD COMPOSITION DATABASE FOR PHYTATE

VERSION 1.0

PHYFOODCOMP1.0: USER GUIDE

This database provides phytate data together with selected mineral data (iron, zinc and calcium) and water, serving as the basis for recommendations regarding improvements in feeding infants and young children, diet formulations, and product development.

FAO, International Zinc  
Nutrition Consultative  
Group, Rome 2018  
ISBN 978-92-5-130306-1  
32 pp., 210 x 297 mm  
Price available upon  
request, Paperback  
Available in: English



## ANALYTICAL FOOD COMPOSITION DATABASE

VERSION 1.1 – ANFOOD 1.1

The publication includes information on how to read, use and interpret the data, including definitions, codes and updates made to the current version.

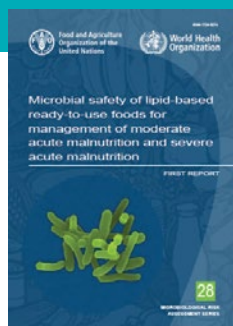
Rome, 2016, ISBN 978-92-5-109081-7

32 pp., 216 x 280 mm

Price available on request, Paperback, Available in: English

## MICROBIOLOGICAL RISK ASSESSMENT SERIES

The series contains information that is useful to food safety risk assessors and risk managers with an interest in microbiological criteria.



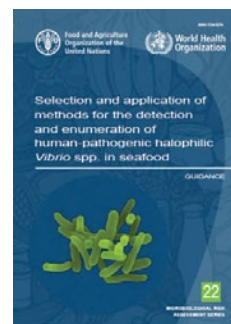
### MICROBIOLOGICAL SAFETY OF LIPID-BASED READY-TO-USE FOODS FOR MANAGEMENT OF MODERATE ACUTE MALNUTRITION AND SEVERE ACUTE MALNUTRITION

Consistent with the need to provide safe food for young children, particularly during the feeding period between 6 and 24 months and the period of rapid development to 59 months, FAO and WHO convened a technical meeting to address the microbial safety of ready-to-use foods (RUFs) in managing acute malnutrition. This publication is a first report of that meeting, which was held to help formulate a scientific response to and provide guidance on appropriate microbiological specifications for RUFs.

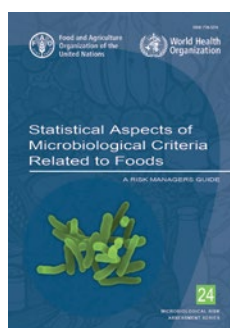
FAO & WHO, Rome, 2016  
ISBN 978-92-5-109062-6  
80 pp., 176 × 250 mm  
Price available on request, Paperback  
Available in: English

### SELECTION AND APPLICATION OF METHODS FOR THE DETECTION AND ENUMERATION OF HUMAN- PATHOGENIC HALOPHILIC VIBRIO SPP., IN SEAFOOD

Developing methods to isolate and identify the pathogenic *Vibrio* spp., in seafoods is evolving rapidly. While this means that these methods have become more sensitive and efficient, it can also lead to increased costs. This publication aims to provide guidance on selecting the most appropriate methods to meet specific purposes for food safety decision-making and when implementing control measures.



FAO & WHO, Rome, 2016  
ISBN 978-92-5-109354-2  
92 pp., 176 × 250 mm  
USD 35.00  
Paperback  
Available in: English



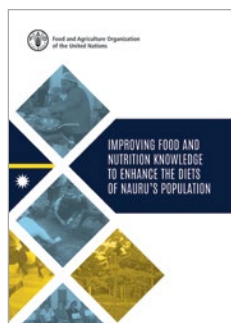
### STATISTICAL ASPECTS OF MICROBIOLOGICAL CRITERIA RELATED TO FOODS

A RISK MANAGER'S GUIDE

Microbiological criteria have long been used in food production and regulation. While the food-specific aspects of microbiological criteria are well understood, the mathematical and statistical aspects are often less well appreciated, which hinders the consistent and appropriate application of microbiological criteria in the food industry. This publication aims to redress that situation. It illustrates the important mathematical and statistical aspects of microbiological criteria while limiting statistical jargon, equations and complex detail.

FAO & WHO  
Rome, 2016  
ISBN 978-92-5-108516-5  
144 pp., 176 × 250 mm  
Price available on request  
Paperback  
Available in: English

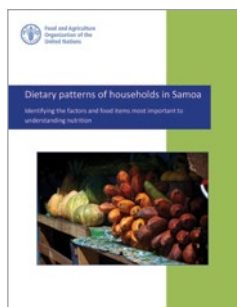
## FOOD SAFETY AND NUTRITION



### IMPROVING FOOD AND NUTRITION KNOWLEDGE TO ENHANCE THE DIETS OF NAURU'S POPULATION

Given that nutrition is generally poorly understood in Nauru, this report reviews an FAO project to improve food and nutrition knowledge. It outlines the project's objectives and gives recommendations to ensure its sustainability, including teacher training and kitchen garden promotion.

Apia, 2017  
ISBN 978-92-5-109848-6  
96 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
available in: English



### DIETARY PATTERNS OF HOUSEHOLDS IN SAMOA

This paper identifies which household factors (e.g. age, education, total income) explain low nutrition values and proposes interventions to improve food security, such as school feeding programmes or increasing loans to the agricultural sector.

Apia, 2017  
ISBN 978-92-5-109347-4  
108 pp., 210 x 297 mm  
Price available upon  
request, Paperback  
Available in: English



### EDIBLE INSECTS

FUTURE PROSPECTS FOR FOOD AND  
FEED SECURITY

Traditionally, most edible insects have been gathered from forest habitats. However, there have been innovations in mass-rearing systems in many countries, both developed and developing, presenting opportunities to merge traditional knowledge and modern science. This publication recognizes traditional practices and documents their ecological impact on forest habitats. It examines the multiple dimensions of insect gathering and rearing as a viable option for increasing food security and incomes, and highlights the valuable role of insects for human life.

Rome, 2013  
ISBN 978-92-5-107595-1  
204 pp., 210 x 297 mm  
USD 40.00, Paperback  
Also in e-book format  
Available in: English,  
French, Italian, Korean



**EDIBLE INSECTS**  
VIDEO 3'13"

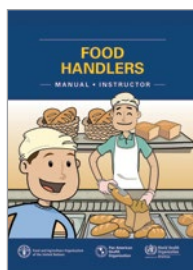


## PLATES, PYRAMIDS, PLANET

DEVELOPMENTS IN NATIONAL HEALTHY AND SUSTAINABLE DIETARY GUIDELINES: A STATE OF PLAY ASSESSMENT

Our food systems and consumption practices have shaped and transformed our world and our societies since prehistoric times. This report specifically considers the role of national-level dietary guidelines in providing a guide to dietary patterns that are both healthy and sustainable.

FAO & Oxford University, Rome, 2016, ISBN 978-92-5-109222-4  
76 pp., 210 x 297 mm, USD 40.00, Paperback, Available in: English



## FOOD HANDLER'S MANUAL

### INSTRUCTOR

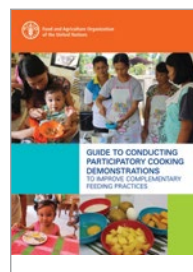
FAO, PAHO, Washington D.C., 2017  
ISBN 978-92-5-109320-7  
108 pp., 210 x 297 mm  
Price available upon request, Paperback  
Also available in e-book format  
Available in: English, Spanish



## FOOD HANDLER'S MANUAL

### STUDENT

FAO, PAHO, Washington D.C., 2017  
ISBN 978-92-5-109773-1  
72 pp., 210 x 297 mm  
Price available upon request, Paperback  
Also available in e-book format  
Available in: English, Spanish



## GUIDE IN CONDUCTING PARTICIPATORY COOKING SESSIONS TO IMPROVE COMPLEMENTARY FEEDING PRACTICES

In the Philippines, many children are underweight, short in stature and lacking in micronutrient intake. This guide shows how to conduct cooking demonstrations using local, traditional and affordable ingredients. It includes a guide to feeding children aged 6–24 months.

Manila, 2017  
ISBN 978-92-5-109758-8  
60 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, Tagalog



## SALUD, SABERES Y SABORES

A collection of 23 recipes from 20 Latin America and the Caribbean countries, tying in biodiversity and food and nutrition security with the everyday lives of rural women.

Santiago de Chile, 2018  
ISBN 978-92-5-130077-0  
60 pp., 255 x 185 mm  
Price available upon request, Paperback  
Available in: English, French, Spanish

## FOOD SAFETY AND NUTRITION



### COMPENDIUM OF INDICATORS FOR NUTRITION-SENSITIVE AGRICULTURE

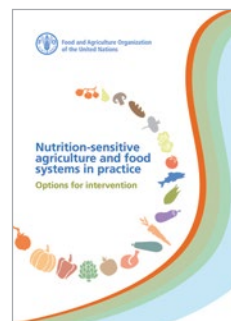
This compendium presents basic indicator categories, describes what each indicator measures (e.g. diet, food access, women's empowerment), its application and how it is collected and analyzed. It also provides relevant technical resources.

Rome, 2017  
ISBN 978-92-5-309461-5  
56 pp., 250 x 176 mm  
USD 15.00, Paperback  
Available in: English, French, Spanish

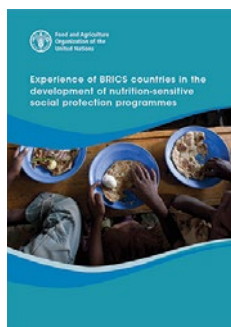
### NUTRITION-SENSITIVE AGRICULTURE AND FOOD SYSTEMS IN PRACTICE

OPTIONS FOR INTERVENTION  
REVISED EDITION

This publication provides a list of food system-based interventions (e.g. biofortification, price policies, labelling and education) to improve nutrition across four key functions of the food system: production; storage and processing; trade and marketing; and food preparation.



Rome, 2017  
ISBN 978-92-5-109945-2  
100 pp., 148 x 210 mm  
USD 35.00, Paperback  
Available in: English,  
French



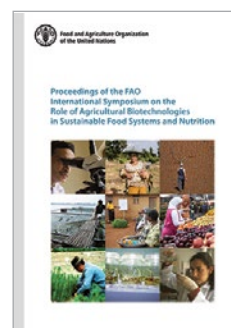
### EXPERIENCE OF BRICS COUNTRIES IN THE DEVELOPMENT OF NUTRITION-SENSITIVE SOCIAL PROTECTION PROGRAMMES

Building on the momentum created by the Second International Conference on Nutrition, the BRICS countries have actively participated in and facilitated global discussions on nutrition-sensitive social protection. This publication is a background paper prepared for the Moscow Global Forum held in 2015, which brought together policy-makers, researchers and experts in the areas of nutrition and social protection from 27 countries.

Rome, 2016  
ISBN 978-92-5-109394-8  
76 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English

## PROCEEDINGS OF THE FAO INTERNATIONAL SYMPOSIUM ON THE ROLE OF AGRICULTURAL BIOTECHNOLOGIES IN SUSTAINABLE FOOD SYSTEMS AND NUTRITION

The FAO International Symposium "The role of agricultural biotechnologies in sustainable food systems and nutrition" encompassed the crop, livestock, forestry and fishery sectors, and was organized around three main themes: climate change; sustainable food systems and nutrition; and people, policies, institutions and communities. These proceedings present the highlights of the symposium, which covered a broad range of biotechnologies, from low-tech approaches such as those involving use of microbial fermentation processes, biofertilizers, biopesticides and artificial insemination, to high-tech ones involving advanced DNA-based methodologies and genetically modified organisms.



Rome, 2016  
ISBN 978-92-5-109330-6  
284 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## APPROVAL OF A NEW FOOD ACT IN CHILE

PROCESS SUMMARY

An overview of the 2016 Chilean food labelling law. It sets out the objectives of the law, explains the different implementation phases, reviews its dissemination strategy and addresses drivers and challenges to implementation.

FAO, PAHO, Santiago, 2017  
24 pp., 149x209  
Price available upon request,  
Paperback  
Available in: English, Spanish

## REPORT ON THE SECOND FAO AFRICA REGIONAL NUTRITION COORDINATION AND PROGRAMMING CONSULTATION

Accra, 2017  
ISBN 978-92-5-108916-3  
54 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

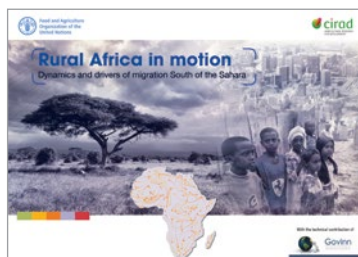
Guidance to reinforce technical capacity for nutrition-sensitive programming and mainstreaming into policies and investment plans. Recommendations include ensuring participation of nutrition stakeholders and disseminating FAO's vision.





**Addressing the factors that force people to move, strengthening resilience and harnessing the positive contribution of migrants.**

## MIGRATION

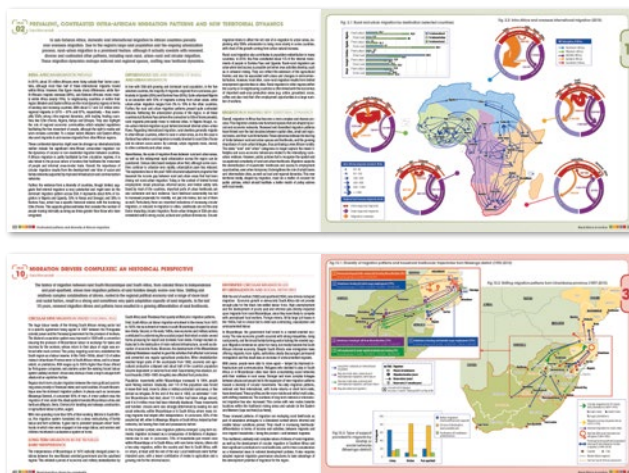


FAO, CIRAD, Rome, 2017  
ISBN 978-92-5-109974-2  
60 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English, French  
(forthcoming)

## RURAL AFRICA IN MOTION

DYNAMICS AND DRIVERS OF MIGRATION SOUTH OF THE SAHARA

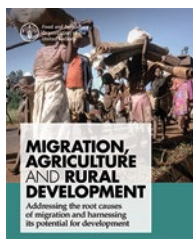
Through a series of maps and case studies, this atlas provides a global picture of migration drivers and dynamics. It calls for inclusive growth strategies to create rural-urban linkages, foster income-generating opportunities and increase the resilience of rural livelihoods.



### GREECE

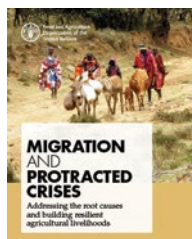
A mother with her baby waiting to cross the Greek-Macedonian border at the makeshift camp of Idomeni in the north of Greece.

©FAO/Giuseppe Carotenuto



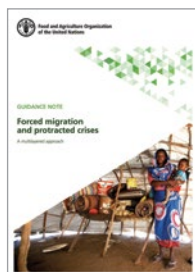
## MIGRATION, AGRICULTURE AND RURAL DEVELOPMENT

Rome, 2016, 20 pp.,  
200 x 250 mm, Price available on  
request, Paperback, Available in:  
Arabic, Chinese, English, French,  
Russian Spanish



## MIGRATION AND PROTRACTED CRISES

Rome, 2016, 16 pp.,  
200 x 250 mm, Price available on  
request, Paperback, Available in:  
Arabic, Chinese, English, French,  
Russian, Spanish

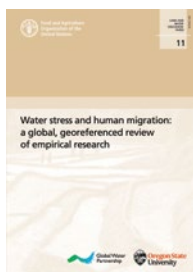


## FORCED MIGRATION AND PROTRACTED CRISES

A MULTILAYERED APPROACH

This guidance note describes the challenges of livelihood interventions in protracted crises and proposes future steps: designing shock-responsive social protection systems, promoting social inclusion, and maximizing economic opportunities for migrants.

Rome, 2017  
32 pp., 210 x 297 mm, 210 x 297 mm, Price available upon request,  
Paperback, Available in: English



## WATER STRESS AND HUMAN MIGRATION: A GLOBAL, GEOREFERENCED REVIEW OF EMPIRICAL RESEARCH

Water stress undermines societies' place-specific livelihood systems and strategies. This review looks at the impact of increasing levels of water stress on human migration.

Rome, 2018  
ISBN 978-92-5-130426-6  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## CHANGE THE FUTURE OF MIGRATION

INVEST IN FOOD SECURITY AND RURAL DEVELOPMENT

FAO's key messages for World Food Day 2017, focusing on migration, food and agriculture, protracted crises and conflict, climate change and rural development.

Rome, 2017  
8 pp., 210 x 210 mm  
Price available upon request,  
Paperback  
Available in: Arabic, Chinese,  
English, French, Italian, Russian,  
Spanish

## RURAL YOUTH MOBILITY PROJECT: METHODOLOGY AND IMPACT

**FORTHCOMING 2018**

## DYNAMICS AND DRIVERS OF MIGRATION SOUTH OF THE SAHARA

**FORTHCOMING 2018**

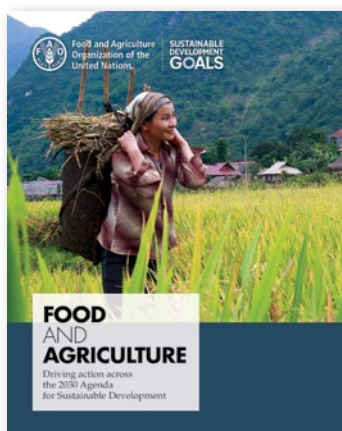
## STRENGTHENING SECTOR POLICIES FOR BETTER FOOD SECURITY AND NUTRITION RESULTS: RURAL MIGRATION

**SEE PAGE 142**

## SUSTAINABLE DEVELOPMENT GOALS

### FOOD AND AGRICULTURE

DRIVING ACTION ACROSS  
THE 2030 AGENDA FOR  
SUSTAINABLE DEVELOPMENT



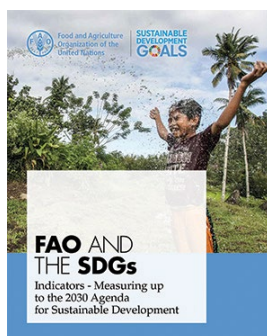
This publication presents FAO's work to support countries in reaching SDG targets, highlighting the interlinkages between food, livelihoods and management of natural resources. Featuring projects across the globe, it describes how FAO's long experience in tackling the root causes of poverty and hunger, and capacity to build partnerships, can help governments construct the necessary enabling environment to achieve the 2030 Agenda for Sustainable Development.

Rome, 2017

40 pp., 200 x 250 mm

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**Implementing and  
monitoring the 2030  
Agenda for Sustainable  
Development.**



### FAO AND THE SDGs

INDICATORS - MEASURING UP  
TO THE 2030 AGENDA FOR  
SUSTAINABLE DEVELOPMENT

This publication presents FAO's work in developing and strengthening indicators that measure food, agriculture and the sustainable use of natural resources, shining a light on the 21 indicators of FAO custodianship. It describes how the organization can support countries in tracking progress and making the connection between monitoring and policymaking to achieve the SDGs.

Rome, 2017,

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#### SYRIA

Karsaneh harvesting. Emergency support to crop and livestock production represents life-saving assistance to vulnerable internally displaced persons and host communities.  
©FAO/Omar Sanadiki



## FAO WORKING FOR SDG 14

HEALTHY OCEANS FOR FOOD SECURITY, NUTRITION AND RESILIENT COMMUNITIES

This booklet focuses on FAO's work with countries and partners to ensure that the oceans, seas and marine resources are used sustainably for the benefit of present and future generations. The oceans and seas support people's livelihoods and whole communities across the globe. A major goal of the 2030 Agenda for Sustainable Development is SDG 14. Through monitoring, instruments and other activities, FAO is working with countries to achieve SDG 14 objectives.

Rome, 2017  
36 pp., 200 × 250 mm  
Price available on request Paperback  
Available in: Arabic, Chinese, English, French, Russian, Spanish

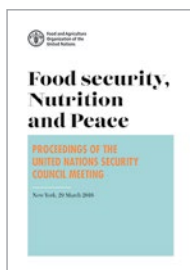


Rome, 2018  
ISBN 978-92-5-130348-1  
68 pp., 210 × 297 mm  
Price available upon request, Paperback  
Available in: English, French

## ACHIEVING ZERO HUNGER IN AFRICA BY 2025

TAKING STOCK OF PROGRESS

Proceedings of the African Union High-Level Meeting in Addis Ababa on 27 January 2018. The event tracked progress made in implementing the Malabo Declaration and identified steps forward, including the need for data and investment in R&D, to drive action towards the 2030 Agenda. The publication was launched during the Regional Conference for Africa in Sudan (February 2018).



## FOOD SECURITY, NUTRITION AND PEACE

Rome, 2016  
ISBN 978-92-5-109240-8  
80 pp., 186 × 250 mm  
Price available on request  
Paperback  
Available in: English

This document reviews the March 2016 United Nations Security Council Arrria-formula meeting on food, nutrition and peace. The publication presents the conversation between Member States, the FAO Director-General and economics professors. It offers the opportunity to further reflect on the linkage between peace and food security and aims to inspire the international community to continue addressing food security and nutrition in a systemic manner.



## MONITORING FOOD SECURITY AND NUTRITION IN SUPPORT OF THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

TAKING STOCK AND LOOKING AHEAD

Rome, 2016  
ISBN 978-92-5-109432-7  
20 pp., 210 × 297 mm  
Price available on request, Paperback  
Available in: English

This document reports on the state of food security and nutrition at the beginning of the 2030 Agenda for Sustainable Development. It identifies key measurement challenges and information gaps in monitoring progress towards the second Sustainable Development Goal (SDG 2).

## THE 2030 AGENDA AND THE SUSTAINABLE DEVELOPMENT GOALS

SEE PAGE 145

# AREAS OF WORK

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FAO PRODUCES PUBLICATIONS IN ALL ITS FIELDS OF EXPERTISE FOR A RANGE OF SPECIALIZED AUDIENCES, FROM ACADEMICS AND POLICY-MAKERS TO TECHNICAL EXPERTS AND PRACTITIONERS ON THE GROUND.

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GENDER

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INDIGENOUS PEOPLES

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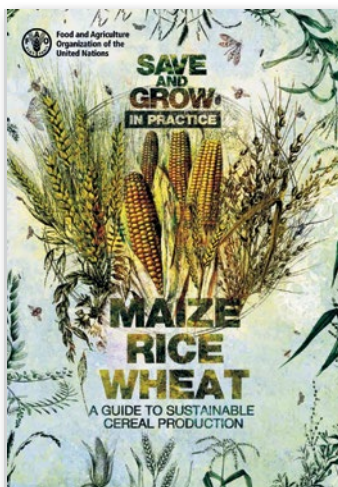
PLANT PRODUCTION AND HEALTH

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**Insight, analysis and guidance to inform sustainable agricultural policy and practices.**



A groundbreaking series presenting FAO's ecosystem-based approach to sustainable intensification of agriculture.

## SAVE AND GROW IN PRACTICE: MAIZE, RICE AND WHEAT

A GUIDE TO SUSTAINABLE  
CEREAL PRODUCTION

This guide describes the practical application of FAO's "Save and Grow" model of sustainable crop production intensification to the world's key food security crops: maize, rice and wheat. With examples from Africa, Asia and Latin America, it shows how ecosystem-based farming systems are helping smallholder farmers boost cereal yields, strengthen their livelihoods, reduce pressure on the environment and build resilience to climate change. The guide will be a valuable reference for policy-makers and development practitioners during the global transition to sustainable food and agriculture.

Rome, 2016  
ISBN 978-92-5-108519-6

120 pp., 182 x 257 mm

USD 45.00, Paperback

Also available in e-book format

Available in: Arabic, Chinese, English, French, Russian, Spanish

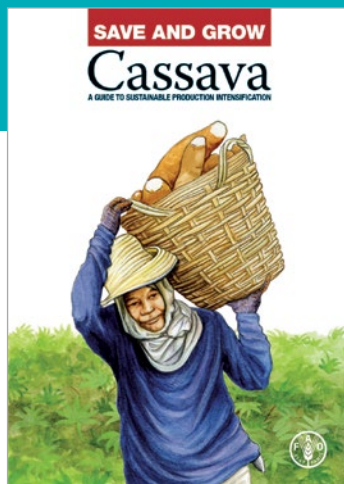


**SAVE AND GROW  
ECOSYSTEM-BASED  
AGRICULTURE**  
VIDEO 3'40"



### AFGHANISTAN

Wheat harvest, part of the Variety and Seed Industry Development Project in support of private sector seed and planting materials industry in Afghanistan.  
©FAO/Giulio Napolitano



Some key ingredients of the **Save and Grow** approach:

Integrated  
**crop-livestock**  
production

Sustainable  
**rice-wheat**  
farming systems

**Agroforestry**

**Shifting** cultivation

Better conservation of  
**plant genetic**  
**resources**

Improved **seed**  
**production** and  
distribution

Precision **irrigation**  
technologies

Multiple **uses of**  
**water** systems

## SAVE AND GROW: CASSAVA

A GUIDE TO SUSTAINABLE  
PRODUCTION INTENSIFICATION

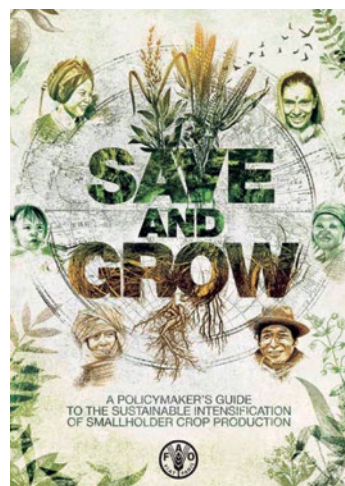
This practical guide applies FAO's ecosystem-based model of agriculture, which aims at improving productivity while conserving natural resources, to cassava. The guide shows how "Save and Grow" can help cassava growers avoid the risks of intensification, while realizing the crop's potential for producing higher yields, alleviating hunger and rural poverty, and contributing to national economic development.

Rome, 2013  
ISBN 978-92-5-107641-5  
140 pp., 182 × 257 mm  
USD 42.00, Paperback  
Also available in e-book format  
Available in:  
English, French,  
Spanish (summary report),  
Portuguese

## SAVE AND GROW

A POLICYMAKER'S GUIDE  
TO THE SUSTAINABLE  
INTENSIFICATION OF  
SMALLHOLDER CROP  
PRODUCTION

The book offers a rich toolkit of relevant, adoptable and adaptable ecosystem-based practices that can help the world's 500 million smallholder farm families achieve higher productivity, profitability and resource-use efficiency while enhancing natural capital.



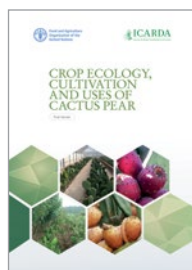
Rome, 2011  
(reprinted 2012, 2013)  
ISBN 978-92-5-106871-7  
112 pp., 182 × 257 mm  
USD 45.00, Paperback  
Available in: Arabic, Chinese,  
English, French, Italian,  
Russian, Spanish

### SAVE AND GROW: HORTICULTURE

This book documents "Save and Grow" approaches used in Horticulture Systems, highlighting the holistic ecosystem approach to production, while

providing detailed information on management of the soil, crop, water, nutrients and pests and overall decision making on farm management.

FORTHCOMING AUGUST 2018



## CROP ECOLOGY, CULTIVATION AND USES OF CACTUS PEAR

FINAL VERSION

An overview of cactus pears' features and uses, including human and medical consumption, restoration of degraded lands, and fodder.

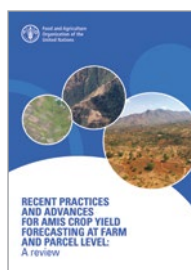
FAO & ICARDA, Rome, 2017  
ISBN: 978-92-5-109860-8  
244 pp., 210 x 297 mm  
USD 75.00, Paperback  
Available in: English



## INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) IN AGRICULTURE

An assessment of platforms promoting ICT for agriculture, food security and nutrition and proposals for improving its usage, such as the creation of the ICT for Sustainable Agricultural Production Innovation Lab.

Rome 2017  
ISBN: 978-92-5-109979-7  
56 pp., 210 x 297 mm  
Price available upon request,  
Paperback, Available in: English



## RECENT PRACTICES AND ADVANCES FOR AMIS CROP YIELD FORECASTING AT FARM AND PARCEL LEVEL: A REVIEW

New developments in forecasting food production reviewed here include a stronger presence of the private sector, changes to data collection and analysis methods, and more sophisticated modelling of food production.

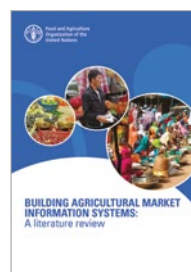
Rome, 2017  
ISBN: 978-92-5-109779-3  
68 pp., 210 x 297 mm  
Price available upon request,  
Paperback, Available in: English



## ASSESSMENT OF INNOVATION CAPACITIES

This publication presents a new scoring tool that strengthens countries' innovation capacity to fight against hunger and climate change.

Rome, 2017  
ISBN: 978-92-5-109701-4  
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Price available upon request, Paperback  
Available in: English

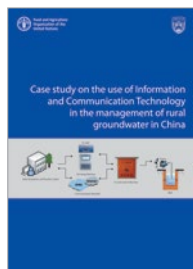


## BUILDING AGRICULTURAL MARKET INFORMATION SYSTEMS

A LITERATURE REVIEW

This publication reviews the features of market information systems (MIS) development for agriculture, focusing on price information and new technologies for price data collection and dissemination

Rome, 2017  
ISBN: 978-92-5-109738-0  
56 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## CASE STUDY ON THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGY IN THE MANAGEMENT OF RURAL GROUNDWATER IN CHINA

An overview of how an Intelligent Card (ICard) system facilitates water resource management and brings economic and social benefits by reducing losses from electricity theft and increasing transparency of water usage.

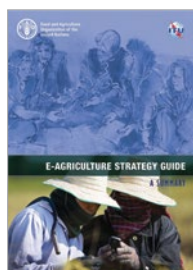
FAO & China  
Agricultural University,  
Bangkok, 2017  
ISBN: 978-92-5-109723-6  
64 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## E-AGRICULTURE IN ACTION

Case studies on the innovative use of emerging technologies, such as 3D food printing, electronic traceability services, and multi-parameter monitors for indoor air quality, to improve the livelihoods of farming communities.

FAO & International  
Telecommunication Union,  
Bangkok, 2017  
ISBN: 978-92-5-109695-6  
112 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

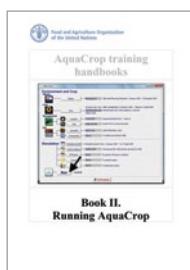


## E-AGRICULTURE STRATEGY GUIDE

A SUMMARY

A framework to develop and monitor national e-agriculture through information and communication technologies, including online courses and SMS messaging for crops forecasts.

FAO & International  
Telecommunication Union,  
Bangkok, 2017  
44 pp., 210 x 297 mm  
Available in: English

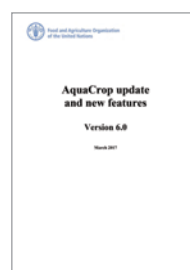


## AQUACROP TRAINING HANDBOOKS

BOOK II: RUNNING AQUACROP

This handbook provides guidance to understand and run simulations with AquaCrop software for assessing crop response to environmental changes.

Rome, 2017  
ISBN: 978-92-5-109391-7  
116 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



## AQUACROP UPDATE AND NEW FEATURES

VERSION 6.0

This document presents the new features of AquaCrop Version 6.0, including fine-tuned simulation processes, the introduction of field and soil management characteristics and dry beans calibration.

Rome, 2017  
ISBN: 978-92-5-109742-7  
76 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## STRENGTHENING SUSTAINABLE FOOD SYSTEMS THROUGH GEOGRAPHICAL INDICATIONS: AN ANALYSIS OF ECONOMIC IMPACTS

Based on nine case studies across different industries worldwide, this study confirms a significant positive effect of GIs on production, market access and price, regardless of the type of product and the region of origin.

FAO & EBRD, Rome, 2018  
ISBN 978-92-5-130389-4  
156 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

## AGRICULTURE

### LEGAL GUIDE ON CONTRACT FARMING

This guide aims to enhance knowledge and awareness of the legislation applicable to contract farming operations. It will be a useful tool for policy design, legal research and capacity-building, and will contribute to creating a favorable, equitable and sustainable environment for contract farming.



FAO, IFAD & UNIDROIT  
Rome, 2015  
ISBN 978-88-86449-30-4  
252 pp., 160 x 240 mm  
Price available on request  
Paperback  
Available in: English,  
French, Spanish

### LEGAL ASPECTS OF CONTRACT FARMING AGREEMENTS

SYNTHESIS OF THE UNIDROIT/FAO/IFAD  
LEGAL GUIDE ON CONTRACT FARMING

FAO, IFAD & UNIDROIT, Rome, 2017  
ISBN 978-92-5-109595-9  
56 pp., 160 x 240 mm  
Price available on request, Paperback  
Available in: English



### AN ASSESSMENT OF POLICIES, INSTITUTIONS AND REGULATIONS FOR WATER HARVESTING, SOLAR ENERGY, AND GROUNDWATER IN JORDAN

This report assesses the status of a vulnerability reduction project in Jordan, identifying the main gaps to be bridged, such as poor inter-institutional cooperation and dialogue, lack of legal framework, and information and funding scarcity.

Rome, 2018, ISBN 978-92-5-130337-5  
68 pp., 210 x 297 mm, Price available upon request  
Paperback, Available in: English

## COUNTRY HIGHLIGHTS SERIES

The Country Highlights series of the FAO Investment Centre reviews the agricultural/rural sector, specific investment projects and food chains in a range of countries and regions.



### JORDAN

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Rome, 2015  
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Available in: English



### SENEGAL

#### IRRIGATION MARKET BRIEF

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64 pp., 148 × 210 mm  
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### EGYPT

#### WHEAT SECTOR REVIEW

This book identifies the main bottlenecks in the wheat supply chain and underlines the importance of allowing the active participation of the private sector in the country's food security.

Rome, 2015, 112 pp., 150 × 210 mm  
Price available on request  
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### EGYPT, TURKEY AND UKRAINE

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An assessment of FAO's Bioenergy and Food Security approach in Egypt and Turkey and a review of recent studies in Ukraine. While in Egypt industrial-level biogas production does not seem feasible due to the limited availability of suitable residues, Turkey may be able to meet demand. In Ukraine, the potential to use agricultural residues is highest in central areas.

Rome, 2017, ISBN 978-92-5-130023-7  
64 pp., 148 × 210 mm  
Price available upon request, Paperback  
Available in: English



### EGYPT, JORDAN, MOROCCO AND TUNISIA

#### KEY TRENDS IN THE AGRIFOOD SECTOR

This joint FAO–European Bank for Reconstruction and Development publication examines trends in agribusiness and food security in Egypt, Jordan, Morocco and Tunisia with the aim of contributing to the development of effective, efficient policies for improved food security and nutrition in the region.

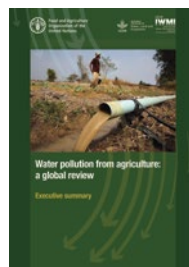
Rome, 2015  
96 pp., 150 × 210 mm  
Price available on request  
Paperback, Available in: English



## **WATER FOR SUSTAINABLE FOOD AND AGRICULTURE**

This paper reviews agricultural and food markets, identifies challenges (such as rising incomes and climate change) and makes recommendations, including irrigation modernization schemes and reduction of food loss and waste, to ease pressure on land and water.

Rome, 2017  
ISBN: 978-92-5-109977-3  
32 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

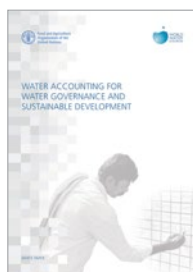


## **WATER POLLUTION FROM AGRICULTURE: A GLOBAL REVIEW**

EXECUTIVE SUMMARY

This review points out the direct negative impact of agriculture on water and, in turn, on human health.

FAO & the International Water Management Institute on behalf of the Water Land and Ecosystems research program,  
Colombo, 2017  
36 pp., 176 x 250 mm  
Price available upon request,  
Paperback  
Available in: English



## **WATER ACCOUNTING FOR WATER GOVERNANCE AND SUSTAINABLE DEVELOPMENT**

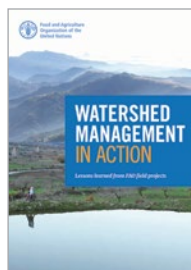
According to this paper, water accounting alone cannot resolve the problems of water governance and managing water resources, but it can go a long way to improving and reforming governance and providing the information needed to support sound decision-making.

FAO, World Water Council, Rome, Marseille, 2018  
ISBN 978-92-5-130427-3  
52 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Also available in e-book format  
Available in: English



## OPERATIONALIZING THE REGIONAL COLLABORATIVE PLATFORM OF THE WATER SCARCITY INITIATIVE

Rome, 2017  
ISBN: 978-92-5-109836-3  
96 pp., 210 x 297 mm  
Price available upon request,  
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## WATERSHED MANAGEMENT IN ACTION

LESSONS LEARNED FROM  
FAO FIELD PROJECTS

Based on 12 watershed management projects supported by FAO over the past decade, this report stresses the importance of governance, monitoring, knowledge-sharing and collaboration to ensure that watersheds fulfil their potential to sustain both people and the environment.

Rome, 2017  
172 pp., 210 x 297 mm  
USD 75.00, Paperback,  
Available in: English

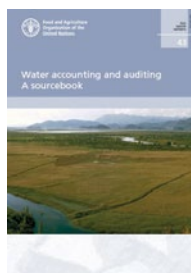
## FAO WATER REPORTS SERIES



## DROUGHT CHARACTERISTICS AND MANAGEMENT IN CENTRAL ASIA AND TURKEY

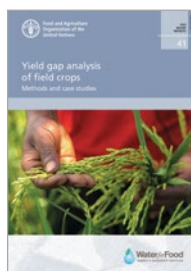
This report assesses drought impacts, such as soil water deficits, in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Turkey. It looks at exacerbating factors, such as political instability, and identifies policies to promote proactive drought management.

Rome, 2017  
ISBN 978-92-5-109604-8  
116 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



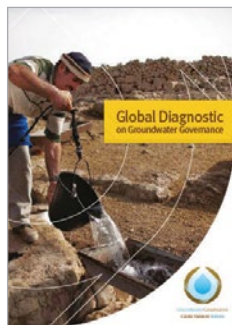
## WATER ACCOUNTING AND AUDITING A SOURCEBOOK

Rome, 2016  
ISBN 978-92-5-109331-3  
232 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## YIELD GAP ANALYSIS OF FIELD CROPS METHODS AND CASE STUDIES

FAO & DWIFI  
Rome, 2015  
ISBN 978-92-5-108813-5  
80 pp., 210 x 297 mm  
Price available on request Paperback  
Available in: English



### GLOBAL DIAGNOSTIC ON GROUNDWATER GOVERNANCE

This publication builds on the project's activities and outputs in five different regions. It gives a synopsis of groundwater governance in its geographic diversity and highlights the most relevant issues as steps are taken towards improved groundwater governance. It defines and explains the differences between groundwater policy, governance and management, and argues that governance should be tailored to groundwater separately because of a number of specific features. The publication focuses on how to address the missing elements in groundwater governance and presents recommended pathways for its improvement, such as: equitable access, sustainability, transparency, participation and representation.

Rome, 2016  
ISBN 978-92-5-109259-0  
212 pp., 176 × 250 mm  
Price available on request, Paperback  
Available in: English



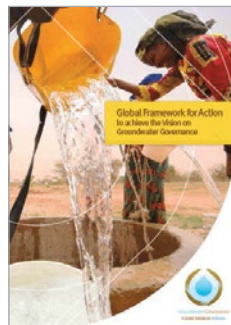
### SHARED GLOBAL VISION FOR GROUNDWATER GOVERNANCE 2030

REVISED EDITION

The main findings of the Groundwater Governance project confirm that the world's groundwater resources suffer from a lack of effective governance. The present document conveys key messages from the results of the project's analyses, including the finding that governance of groundwater resources is still in its infancy. This Global Vision is an urgent call for systematic action so that by 2030 legal frameworks will be implemented to establish collective responsibility for groundwater, as well as investment programmes that foster sustainable groundwater use.

Rome, 2016  
20 pp., 176 × 250 mm  
Price available on request, Paperback  
Available in: English, French

Groundwater Governance: A Global Framework for Action (2011–2016) was a project designed to promote best practices in groundwater governance as a way to achieve sustainable management.



### GLOBAL FRAMEWORK FOR ACTION TO ACHIEVE THE VISION ON GROUNDWATER GOVERNANCE

This publication discusses all the necessary elements for an effective response to groundwater management challenges, such as tailor-made approaches, effective institutions, and basic financing.

Rome, 2016  
ISBN 978-92-5-109258-3  
124 pp., 176 × 250 mm  
Price available on request, Paperback  
Available in: English, French

## COPING WITH WATER SCARCITY SERIES

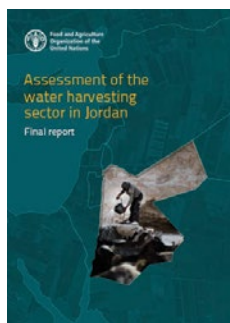
The titles in this series are based on the work of the FAO project Coping with Water Scarcity – the Role of Agriculture, which has been active in Jordan and Lebanon since 2011. The project's overall aim is to strengthen national capacities for improving water management and dealing with the agricultural component of water scarcity.



### DEVELOPMENT OF WATER MANAGEMENT IN THE CAZA OF MARJAYOUN

This report focuses on reinforcing local and national capacities to cope with water scarcity in an irrigation system. The Caza of Marjayoun in Lebanon is suited to agriculture, yet its deteriorated infrastructure has led to high water losses and poor irrigation efficiency.

Rome, 2016  
ISBN 978-92-5-109262-0  
48 pp., 210 × 297 mm  
Price available on request, Paperback  
Available in: Arabic, English



### ASSESSMENT OF THE WATER HARVESTING SECTOR IN JORDAN

FINAL REPORT

A first assessment of the status of water harvesting in Jordan, using an illustrative example from the Al Mafraq region and which will serve for developing a subsector strategy for water harvesting.

Rome, 2016  
ISBN 978-92-5-109074-9  
48 pp., 210 × 297 mm  
Price available on request, Paperback  
Available in: English



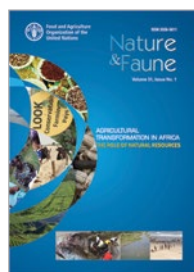
### ASSESSMENT OF TREATED WASTEWATER FOR AGRICULTURE IN LEBANON

FINAL REPORT

This study provides an updated and comprehensive database of information on the status of and progress made on using treated wastewater in Lebanon.

Rome, 2016  
ISBN 978-92-5-109078-7  
40 pp., 210 × 297 mm  
Price available on request, Paperback  
Available in: Arabic, English

Nature & Faune is a peer-reviewed, open-access, international bilingual journal dedicated to exchanging information and practical experience in the field of wildlife and protected-area management and conservation of natural resources in Africa.

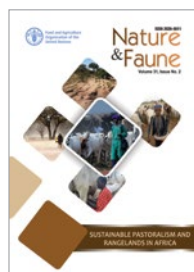


22 NATURE & FAUNE, VOLUME 31, NO. 1

### AGRICULTURAL TRANSFORMATION IN AFRICA: THE ROLE OF NATURAL RESOURCES

This issue highlights unique features of Africa's agricultural transformation, including productivity improvement and climate-resilient opportunities.

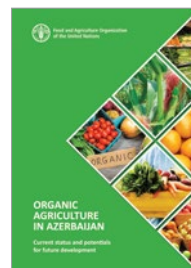
Rome, 2017  
72 pp., 210 x 297 mm  
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### NATURE & FAUNE JOURNAL, VOLUME 31, NO. 2 SUSTAINABLE PASTORALISM AND RANGELANDS IN AFRICA

Accra, 2017  
84 pp., 210 x 297 mm  
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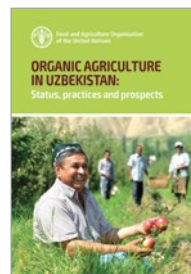
This issue explores different aspects of pastoralism and rangeland management in Africa, including threats and opportunities for young pastoralists in Kenya, gender roles and the impacts of eco-tourism in Tanzania.



### ORGANIC AGRICULTURE IN AZERBAIJAN

CURRENT STATUS AND  
POTENTIALS FOR FUTURE  
DEVELOPMENT

Ankara, 2017  
ISBN: 978-92-5-13100-5  
104 pp., 176 x 250 mm  
Price available upon request,  
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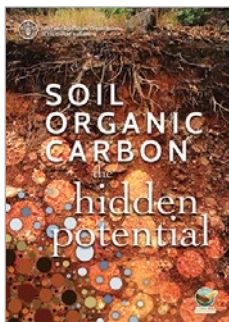


### ORGANIC AGRICULTURE IN UZBEKISTAN

STATUS, PRACTICES AND  
PROSPECTS

This publication points out that Uzbekistan is suffering from low production capacity in organic agriculture, despite increasing demand, and calls for the implementation of quality standards.

Tashkent, 2018  
ISBN 978-92-5-130147-0  
132 pp., 176 x 250 mm  
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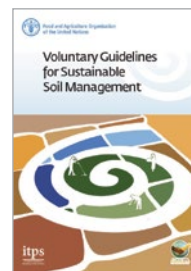
### SOIL ORGANIC CARBON THE HIDDEN POTENTIAL

This publication aims to provide an overview to decision-makers and practitioners of the main scientific facts and information regarding the current knowledge and knowledge gaps on soil organic carbon. It highlights how better information and food practices may be implemented to support ending hunger, adapting to and mitigating climate change and achieving overall sustainable development.

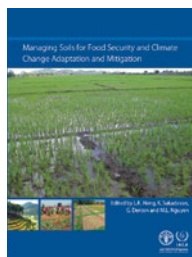
Rome, 2017  
ISBN 978-92-5-109681-9  
76 pp., 210 x 290 mm  
USD 21.00, Paperback  
Available in: English

### VOLUNTARY GUIDELINES FOR SUSTAINABLE SOIL MANAGEMENT

These Voluntary Guidelines provide general technical and policy recommendations on sustainable soil management (SSM). Soils are an essential natural resource that host goods and services vital to ecosystems and human life, but about a third of global soils are degraded. The objectives of these guidelines are to present generally accepted, practically proven and scientifically based principles to promote SSM and provide guidance to all stakeholders on how to translate these principles into practice, be it for farming, pastoralism, forestry or more general natural resources management.



Rome, 2017  
28 pp., 210 x 297 mm  
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Available in: Arabic, Chinese, English, French, Russian, Spanish



### MANAGING SOILS FOR FOOD SECURITY AND CLIMATE CHANGE ADAPTATION AND MITIGATION

Rome, 2014  
ISBN 978-92-5-108552-3  
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### WORLD REFERENCE BASE FOR SOIL RESOURCES 2014 – UPDATE 2015

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### HANDBOOK FOR SALINE SOIL MANAGEMENT

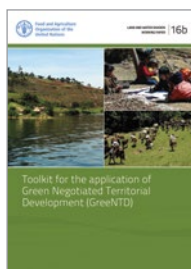
EURASIAN SOIL PARTNERSHIP  
IMPLEMENTATION PLAN

FAO & Lomonosov Moscow State University, Rome, 2018  
ISBN 978-92-5-130141-8, 140 pp., 210 x 297 mm  
Price available upon request, Paperback  
Also available in e-book format  
Available in: English, Russian

This handbook, prepared for a workshop on salt-affected soils in Ukraine, helps understand diagnostic methods, criteria, factors, scale and extent of soil salinity. It provides methods for monitoring saline and alkaline soils, such as aerial photography and GIS mapping.

## AGRICULTURE

### TOOLKIT FOR THE APPLICATION OF GREEN NEGOTIATED TERRITORIAL DEVELOPMENT

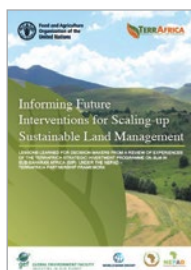


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Paperback  
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### LAND RESOURCE PLANNING FOR SUSTAINABLE LAND MANAGEMENT

Rome, 2017  
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### INFORMING FUTURE INTERVENTIONS FOR SCALING UP SUSTAINABLE LAND MANAGEMENT

FAO, NEPAD & World Bank  
Rome, 2016  
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### SUSTAINABLE LAND MANAGEMENT (SLM) IN PRACTICE IN THE KAGERA BASIN

LESSONS LEARNED FOR SCALING UP AT LANDSCAPE LEVEL

This book identifies technologies that decrease crop and livestock production risks. It shows how land restoration requires land users to understand the impacts of weather variability and climate change.

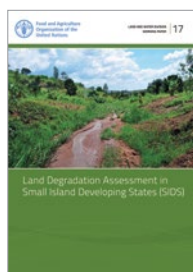
Rome, 2017, ISBN: 978-92-5-109403-7  
452 pp., 210 x 297 mm  
USD 119.00, Paperback  
Available in: English



### NATIONAL AGRO-ECONOMIC ZONING FOR MAJOR CROPS IN THAILAND (NAEZ)

A review of the agro-economic zoning approach developed by FAO based on principles of land evaluation.

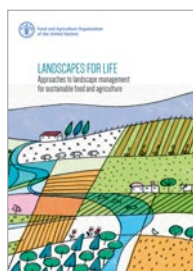
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ISBN: 978-92-5-109721-2  
108 pp., 210 x 297 mm  
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## LOCAL LAND DEGRADATION ASSESSMENT IN SMALL ISLAND DEVELOPING STATES (SIDS)

Particularly important for SIDS, the local land degradation assessment methodology helps to understand change in land resources (soil, water) and identify impacts of land degradation on ecosystem services and livelihoods, such as loss of biodiversity and land productivity.

Rome, 2017, ISBN: 978-92-5-109904-9, 136 pp.,  
210 x 297 mm, Price available upon request, Paperback,  
Available in: English



## LANDSCAPES FOR LIFE

APPROACHES TO LANDSCAPE MANAGEMENT FOR SUSTAINABLE FOOD AND AGRICULTURE

A review of approaches (e.g. watershed management) and tools (e.g. web-based platforms), stressing the importance of a holistic vision that reconciles production needs and ecosystem functions and services for more sustainable food and agriculture.

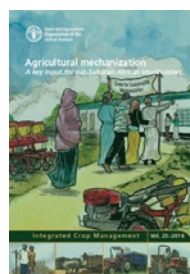
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## THE SUGAR SUBSECTOR IN ACP COUNTRIES IN THE POST-2017 ERA

This study analyses the impact of the elimination of the European Union sugar production quotas on sugar production and trade in the Africa, Caribbean and Pacific (ACP) regions. It examines options for ACP sugar subsectors to mitigate the impact of this policy change.

Rome, 2017, 64 pp., 210 x 297 mm  
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Available in: English



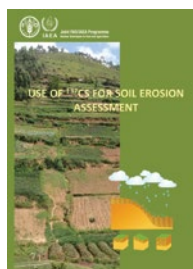
## AGRICULTURAL MECHANIZATION

A KEY INPUT FOR SUB-SAHARAN AFRICAN SMALLHOLDERS

This volume of the Integrated Crop Management series focuses specifically on agricultural mechanization and the opportunities it provides for intensifying production in a sustainable manner. It also assesses its added value for food systems development, and the inherent opportunities for improved local economies and livelihoods.

Rome, 2016  
ISBN 978-92-5-109381-8  
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FAO and the International Atomic Energy Agency (IAEA) help their Members apply nuclear and related techniques to increase agricultural productivity sustainably, taking into account national and local specificities and priorities.



### USE OF 137CS FOR SOIL EROSION ASSESSMENT

FAO & IAEA, Rome, 2017  
ISBN: 978-92-5-130050-3  
76 pp., 176 x 250 mm  
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Available in: English



### IN ACTION: NUCLEAR APPLICATIONS IN AGRICULTURE ON-THE-GROUND SUCCESS

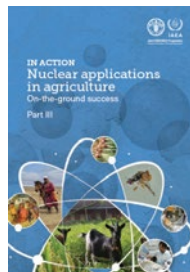
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ON-THE-GROUND SUCCESS  
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ON-THE-GROUND SUCCESS  
PART III

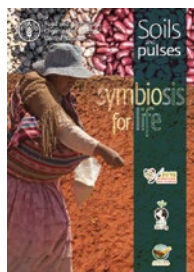
Rome, 2016  
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### GUIDELINE FOR PACKING, SHIPPING, HOLDING AND RELEASE OF STERILE FLIES IN AREA-WIDE FRUIT FLY CONTROL PROGRAMMES

This second edition of the guidelines includes updates on the application of sterile insect techniques such as new methods to estimate sterile to fertile fly ratios and densities, and their potential application to other parts of the world.

FAO & IAEA, Vienna, 2017  
ISBN 978-92-5-109891-2  
152 pp., 210 x 297 mm  
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Available in: English



## SOILS AND PULSES

### SYMBIOSIS FOR LIFE

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## PULSE CROPS FOR SUSTAINABLE FARMS IN SUB-SAHARAN AFRICA

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Available in: English, French



## COUNTRY FACT SHEET ON FOOD AND AGRICULTURE POLICY TRENDS

HAITI

The information reported in this brief derives from the Food and Agriculture Policy Decision Analysis Tool and a review of primary and secondary data sources. The aim is to enable national governments to design more coherent and effective agricultural and food security policies. Food and agriculture policy trends are available for different countries.

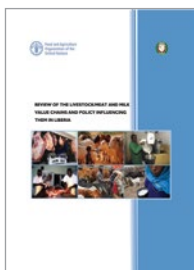
Rome, 2018  
6 pp., 210 x 297 mm  
Available in: English



## REVIEW OF THE LIVESTOCK/MEAT AND THE MILK VALUE CHAINS AND POLICIES INFLUENCING THEM IN WEST AFRICA

This review proposes solutions to face challenges in the meat and milk value chains (such as removing non-tariff barriers, and increasing livestock development funds).

ECOWAS & FAO, Rome, 2017  
120 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## REVIEW OF THE LIVESTOCK/MEAT AND THE MILK VALUE CHAINS AND POLICIES INFLUENCING THEM IN LIBERIA

In a context of scarce production and poor marketing channels for meat and milk, this publication proposes policies and investment plans to strengthen value chains, including restocking, adoption of best practices and better livestock extension services.

ECOWAS & FAO, Rome, 2017  
60 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



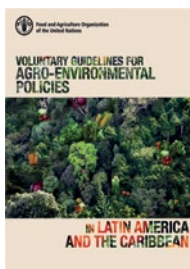
## CONSTRUCTING MARKETS FOR AGROECOLOGY

AN ANALYSIS OF DIVERSE OPTIONS FOR MARKETING PRODUCTS FROM AGROECOLOGY

This study examines 12 initiatives in developing countries that have successfully built markets for agroecological products, identifying the linkages between markets and the community and highlighting the role of consumers in influencing marketing strategies.

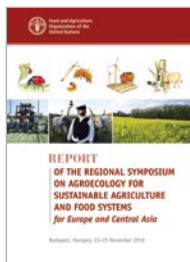
FAO & INRA, Rome, 2018  
ISBN 978-92-5-130339-9  
212 pp., 210 x 297 mm  
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## VOLUNTARY GUIDELINES FOR AGRO-ENVIRONMENTAL POLICIES IN LATIN AMERICA AND THE CARIBBEAN



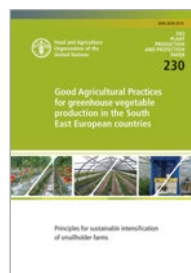
This publication provides policy-makers with sustainable methods to tackle food insecurity and poverty through stronger governance systems and social participation.

Santiago, 2016  
ISBN 978-92-5-109137-1  
32 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, Portuguese, Spanish



## REPORT ON THE REGIONAL SYMPOSIUM ON AGROECOLOGY FOR EUROPE AND CENTRAL ASIA

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84 pp., 210 x 297 mm  
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Paperback  
Available in: English

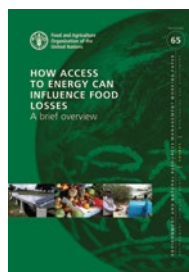


## GOOD AGRICULTURAL PRACTICES FOR GREENHOUSE VEGETABLE PRODUCTION IN THE SOUTH EAST EUROPEAN COUNTRIES

PRINCIPLES FOR SUSTAINABLE INTENSIFICATION

This publication presents greenhouse technology, design, climate control, and cropping systems, and discusses their economic viability.

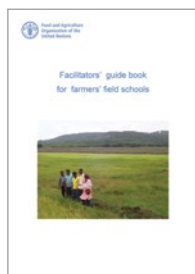
Rome, 2017  
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446 pp., 219 x 297 mm  
USD 116.00, Paperback  
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## HOW ACCESS TO ENERGY CAN INFLUENCE FOOD LOSSES

A BRIEF OVERVIEW

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## FACILITATORS' GUIDE BOOK FOR FARMERS' FIELD SCHOOLS

This document offers technical guidance in establishing and managing farmers' field schools and supporting local farmers in rice crop management, from testing soil texture and seedling preparation to water management and yield calculation.

Apia, 2017, ISBN: 978-92-5-109732-8

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## RICE TECHNICAL MANUAL FOR EXTENSION OFFICERS



A comprehensive manual for extension officers to share improved rice production technologies among farmers in existing and potential rice-growing areas in the Republic of Fiji.

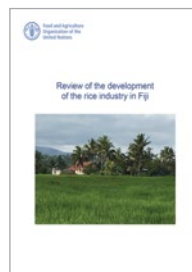
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## REVIEW OF THE DEVELOPMENT OF THE RICE INDUSTRY IN FIJI

This document reviews the status of rice production in Fiji and gives recommendations to facilitate commercial farming, improve postharvest practices, strengthen research and reform policies.

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MONITORING OF RICE CULTIVATION USING SATELLITE REMOTE  
SENSING AND GIS TECHNOLOGIES

Overview of a pilot project that tests relevant methodologies for rice crop area estimation and mask development, through satellite image classification, and regression estimator systems.

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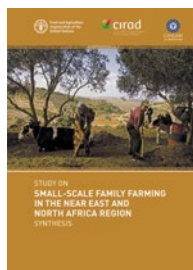
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## THE IMPACT OF MARKETS AND POLICY ON INCENTIVES FOR RICE PRODUCTION IN RWANDA

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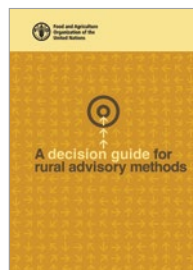


## SMALL-SCALE FAMILY FARMING IN THE NEAR EAST AND NORTH AFRICA REGION

SYNTHESIS

This study highlights the importance of small-scale family farming for economic development in the region.

FAO, CIHEAM-IAMM & CIRAD,  
Cairo, 2017,  
ISBN 978-92-5-109502-7  
188 pp., 210 x 297  
Price available on request, Paperback  
Available in: English, French



## A DECISION GUIDE FOR RURAL ADVISORY METHODS

This guide seeks to inform decisions on providing technologies and services to rural producers, and presents effective tools used for rural advisory services.

Rome, 2017, ISBN: 978-92-5-130019-0  
64 pp., 210 x 297 mm, USD 48.00, Paperback,  
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## GUIDELINES FOR SUSTAINABLE LARGE- SCALE LAND DEALS IN AFRICA

An analysis of land deals in Africa shows that their sustainability may be uncertain. This document provides technical guidance to facilitate win-win investments that effectively contribute to the socio-economic development of African countries.

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## INNOVATIVE MARKETS FOR SUSTAINABLE AGRICULTURE

A presentation of 15 case studies from a joint survey by FAO and the French National Institute for Agricultural Research on innovative approaches that enable markets to act as incentives towards sustainable agriculture in developing countries. The book highlights how the initiatives rely on social values to adapt sustainable practices to local contexts, while creating new market outlets for food products.

FAO & INRA, Rome, 2016  
ISBN 978-92-5-109327-6  
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## TERRITORIAL TOOLS FOR AGRO-INDUSTRY DEVELOPMENT

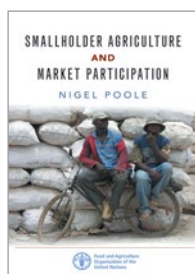
This sourcebook presents five development programmes for promoting agribusiness investments and improving competitiveness.

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## SMALLHOLDER AGRICULTURE AND MARKET PARTICIPATION

This report covers the evolution of policies for smallholder development, including the role of value chains. It proposes innovative mechanisms to improve the availability of financial services and reduce transaction costs.

FAO & Practical Action Publishing, Rome, 2017

ISBN: 978-92-5-109939-1, 208 pp., 234 x 156

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## INNOVATIVE RISK MANAGEMENT STRATEGIES IN RURAL AND AGRICULTURE FINANCE

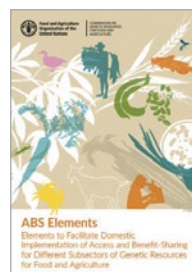
THE ASIAN EXPERIENCE

In the face of inadequate financial services for the agricultural sector, this publication makes recommendations to provide rural and agricultural financial products that enable more inclusive investments.

FAO & Asia Pacific Rural Credit Association, Rome, 2017

ISBN: 978-92-5-109684-0, 120 pp., 210 x 297 mm

Price available upon request, Paperback, Available in: English



## ABS ELEMENTS

ELEMENTS TO FACILITATE DOMESTIC IMPLEMENTATION OF ACCESS AND BENEFIT-SHARING FOR DIFFERENT SUBSECTORS OF GENETIC RESOURCES FOR FOOD AND AGRICULTURE

A document to assist governments in developing or implementing access and benefit-sharing measures. It examines the importance of genetic resources for food and agriculture, food security and the distinctive features of their different subsectors.

Rome, 2016

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## ENGAGING AGRICULTURE, FORESTRY AND FISHERIES IN THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

The guidelines to engage agriculture, forestry and fisheries in the 2030 Agenda have been developed by FAO to assist countries in aligning their sectoral programmes in agriculture, forestry and fisheries with the new international agenda.

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These manuals provide guidance on establishing geographical indications (GIs) to promote links among local stakeholders, their territories and their food products and achieve sustainable food systems.



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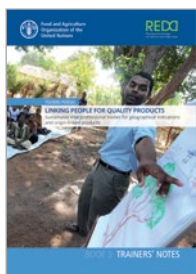
A BOOK 2  
**CONTENT AND THEORY**

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52 pp.

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## FOOD CHAIN CRISIS SERIES

The FCC (Food Chain Crisis) Early Warning Bulletins inform on forecast threats to animal and plant health and food safety impacting nutrition security for the three months ahead.

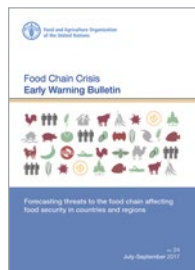
### FOOD CHAIN CRISIS EARLY WARNING BULLETIN



#### APRIL-JUNE 2017, NO. 23

Given the potentially high impact of transboundary animal and plant pests and diseases on food security, this publication presents an integrated approach for predicting threats, implementing control measures and limiting their spread.

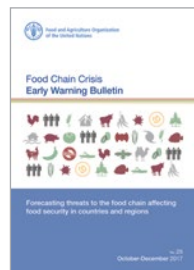
Rome, 2017  
60 pp., 210 x 297 mm  
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#### JULY-SEPTEMBER 2017, NO. 24

Threats including African swine fever, avian influenza, locusts and wheat rust are foreseen in Africa, the Americas, Asia and Europe in July-September 2017. This bulletin lists 28 pests and diseases and where they are expected.

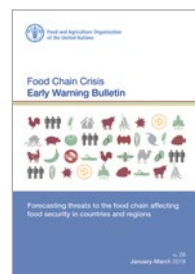
Rome, 2017  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
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#### OCTOBER- DECEMBER 2017, NO. 25

Using an integrated approach, this publication forecasts and monitors the occurrence of threats, including animal diseases, forest pests, locusts and plant pests, both at regional and country level.

Rome, 2017  
48 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



#### JANUARY-MARCH 2018, NO. 26

This bulletin reports on 28 Food Chain Crisis (FCC) threats occurring in Africa, the Americas, Asia and Europe, among which African swine fever, Fall armyworm and Avian influenza.

Rome, 2018  
52 pp., 210 x 297 mm  
Price available upon request, Paperback  
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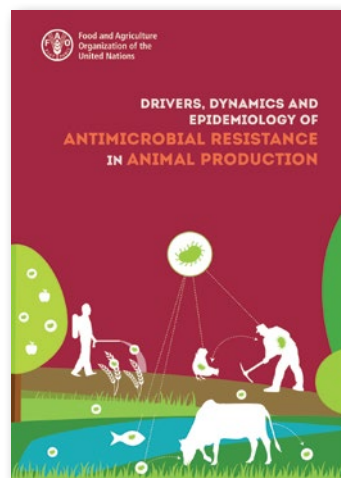
**Focusing on the three global public goods most affected by changes in the livestock sector: equity, veterinary public health, and environmental sustainability.**

## ANIMAL PRODUCTION AND HEALTH

### DRIVERS, DYNAMICS AND EPIDEMIOLOGY OF **ANTIMICROBIAL RESISTANCE IN ANIMAL PRODUCTION**

This technical paper deals with the transmission dynamics of antimicrobial resistance as a consequence of the use, overuse and even abuse of antimicrobial medicines in animal production systems (both terrestrial and aquatic). It examines the risk of spread through food production and distribution chains and the environment, and potential effects on local and global trade. It provides an overview of current knowledge regarding the emergence of antimicrobial resistance, types and mechanisms of resistance, and methods of spread between humans and animals. In addition, the publication presents the different types of food production systems and how these influence both local and global pathways of transmission.

Rome, 2016  
ISBN 978-92-5-109441-9  
60 pp., 210 x 297 mm  
USD 35.00  
Paperback  
Available in: English



#### **ANTIMICROBIALS: FOOD PRODUCTION AND RESISTANCE**

VIDEO 3'48"



#### **MEXICO**

Cattle herded through a field.  
©FAO/Giuseppe Bizzarri



### MEASURING THE ROLE OF LIVESTOCK IN THE HOUSEHOLD ECONOMY

A GUIDEBOOK FOR DESIGNING HOUSEHOLD SURVEY QUESTIONNAIRES

This guidebook presents a module template for effectively including livestock in multitopic and agricultural household surveys in low- and middle-income countries. It is a practical tool for survey practitioners to collect data on the role of livestock in the household economy and its contribution to livelihoods. The data will assist in generating statistics on key features of the smallholder livestock sector – from herd size and composition to husbandry and production practices, from meat, milk and egg production to livestock income. These statistics represent the backbone for effective livestock-sector policies and investments.

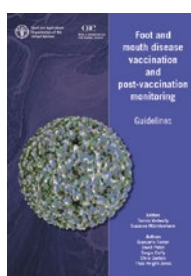
FAO & IBRD & World Bank  
Rome, 2017  
56 pp., 215 × 280 mm  
Price available on request  
Paperback  
Available in: English

### PESTE DES PETITS RUMINANTS GLOBAL ERADICATION PROGRAMME

Small ruminants are the primary livestock of many low-income, food-deficient households. Peste des petits ruminants (PPR) is a highly contagious disease of wild and domestic small ruminants and occurs throughout Africa, the Near East, Turkey, and West and South Asia. This document lays out the PPR Global Eradication Programme's framework and objectives. The Programme is a multicountry, multistage process to decrease risk levels and increase prevention and control. The document sets out five key elements of PPR prevention and control: diagnostic systems; surveillance systems; prevention and control systems; legal frameworks; and stakeholder involvement.



FAO & OIE, Rome, 2016  
ISBN 978-92-5-109349-8  
72 pp., 210 × 297 mm  
Price available on request  
Paperback. Available in:  
Arabic (forthcoming), Chinese (forthcoming), English, French, Portuguese (forthcoming), Russian (forthcoming)



### FOOT AND MOUTH DISEASE VACCINATION AND POST-VACCINATION MONITORING

FAO & OIE, Rome, 2016  
ISBN 978-92-5-109349-8  
80 pp., 210 × 297 mm  
USD 75.00, Paperback  
Available in: English



### REPORT OF THE 42ND GENERAL SESSION OF THE EUROPEAN COMMISSION FOR THE CONTROL OF FOOT-AND-MOUTH DISEASE (EUFMD)

This overview of the Foot-and-Mouth Disease (FMD) situation and risks looks into unexplained jumps in infection rates, the economic consequences of FMD outbreaks, and new outbreaks in South Asia and the Near East.

FAO & EuFMD,  
Rome, 2017  
ISBN: 978-92-5-109938-4  
148 pp., 201 × 297 mm  
Price available upon request  
Available in: English

## ANIMAL PRODUCTION AND HEALTH

## GUIDELINES SERIES



### DEVELOPMENT OF INTEGRATED MULTIPURPOSE ANIMAL RECORDING SYSTEMS

Animal identification and recording are prerequisites for establishing and operating genetic improvement programmes. They are also key for animal traceability, which can improve disease monitoring, enhance market access, increase incomes for producers and other players, and help deter livestock theft and fraud. Animal identification and recording systems, therefore, are powerful tools for livestock development and responding to global demands for food security and poverty alleviation. These guidelines describe a step-by-step approach for the development of multipurpose animal recording systems that integrate animal identification and registration, animal traceability, animal health information and performance recording.

Rome, 2016  
ISBN 978-92-5-109256-9  
188 pp., 176 × 250 mm  
USD 30.00, Paperback  
Available in: English



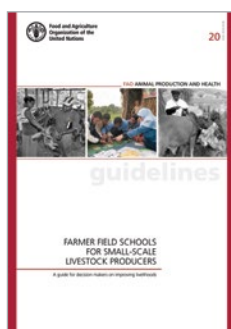
### BIOSECURITY GUIDE FOR LIVE POULTRY MARKETS

Rome, 2015  
ISBN 978-92-5-208910-1  
52 pp., 176 × 250 mm  
Price available on request  
Paperback  
Available in: English, French, Chinese, Vietnamese



### ECONOMIC ANALYSIS OF ANIMAL DISEASES

Rome, 2016  
ISBN 978-92-5-109166-1  
88 pp., 176 × 250 mm  
USD 30.00, Paperback  
Available in: English

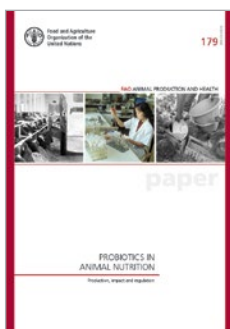


### FARMER FIELD SCHOOLS FOR SMALL-SCALE LIVESTOCK PRODUCERS

A GUIDE FOR DECISION MAKERS ON IMPROVING LIVELIHOODS

This guide explains the farmer field school approach, from animal production to health and marketing. It discusses benefits to livestock-dependent communities in diverse contexts (for example in post-disaster and protracted emergency situations) and its application in different systems.

Rome, 2017  
ISBN 978-92-5-130358-0  
60. pp., 176 × 250 mm  
Price available upon request, Paperback  
Available in: English



## PROBIOTICS IN ANIMAL NUTRITION

PRODUCTION, IMPACT AND REGULATION

Increasing consumption of livestock products is putting pressure on the livestock sector to produce more with less. This publication documents the use of probiotics in diverse livestock production systems, including their labelling and the global regulatory status of their use in animal feed. It should assist in identifying and designing interventions for increasing animal productivity and give impetus to the development of new probiotics that could be used in place of antibiotic growth promoters.

Rome, 2016  
ISBN 978-92-5-109333-7  
96 pp., 176 × 250 mm  
Price available on request, Paperback  
Available in: English

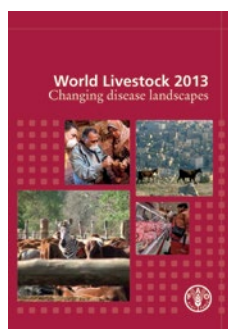


## GLOBAL ANIMAL DISEASE INTELLIGENCE REPORT

JANUARY–DECEMBER 2016

A regular disease situation update covering H5N1, Rift Valley fever, and lumpy skin disease, this report also analyses drivers of animal diseases' occurrence and spread, such as temperature and animal trade.

Rome, 2017  
ISBN: 978-92-5-109885-1  
36 pp., 210 × 297 mm  
Price available upon request,  
Paperback  
Available in: English



## WORLD LIVESTOCK 2013

CHANGING DISEASE LANDSCAPES

Rome, 2013  
ISBN 978-92-5-107927-0  
128 pp., 176 × 250 mm  
USD 45.00, Paperback  
Also in e-book format  
Available in: English

This book looks at the evidence of changing disease dynamics involving livestock and explores three key areas: the pressure, including drivers and risk factors that contribute to disease emergence, spread and persistence; the state, describing the disease dynamics that result from the pressure and their subsequent impact; and the response, required both to adapt and improve the state and to mitigate the pressure. The report, which remains a reference in its field, argues for a comprehensive approach to global health to deal with the complexities of the disease landscape, give greater emphasis to agro-ecological resilience, protect biodiversity and ensure safer food supply chains, particularly in the areas most afflicted by poverty and disease. Speeding up response times by early detection and reaction – including through improved policies is key.

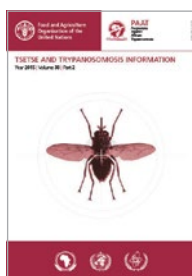


**CHANGING DISEASE LANDSCAPES**  
VIDEO 6'26"



**WORLD LIVESTOCK 2018 – LIVESTOCK AND THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT**

FORTHCOMING 2018



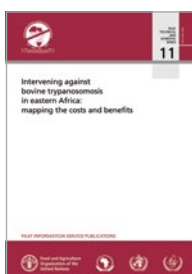
# **TSETSE AND TRYPANOSOMOSIS INFORMATION**

VOLUME 38

Roma, 2015  
ISBN 978-92-5-109411-2  
92 pp., 148 x 210 mm  
Price available on request, Paperback  
Available in: English, French

## **ANIMAL PRODUCTION AND HEALTH**

This periodical (Part 1 and Part 2) has been established to disseminate current information on all aspects of tsetse and trypanosomosis research and control to institutions and individuals involved in the problems of African trypanosomosis. This service forms an integral part of the Programme Against African Trypanosomiasis.



# **INTERVENING AGAINST BOVINE TRYPANOSOMOSIS IN EASTERN AFRICA**

MAPPING THE COSTS AND  
BENEFITS

Rome, 2017  
ISBN: 978-92-5-109781-6  
124 pp., 176 x 250 mm  
USD 66.00, Paperback  
Available in: English

An analysis of economic losses from Tsetse-transmitted trypanosomosis in Ethiopia, Kenya, Somalia, South Sudan, Sudan and Uganda. Results were used to generate a cost-benefit map of approaches used to tackle the disease and identify the most viable ones.



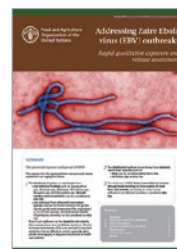
# **MONITORING AND EVALUATION OF THE GLOBAL ACTION PLAN ON ANTIMICROBIAL RESISTANCE**

PROPOSED APPROACH

FAO, OIE & WHO, Rome, 2017  
36 pp., 210 x 297 mm  
Price available upon request,  
Paperback, Available in: English

## **DISEASE RISK GUIDELINES SERIES**

Technical, risk-related assistance to countries dealing with specific diseases of global importance.



# **ADDRESSING ZAIRE EBOLA VIRUS OUTBREAKS**

RAPID QUALITATIVE EXPOSURE AND  
RELEASE ASSESSMENT

Rome, 2015  
8 pp., 210 x 297 mm  
Price available on request, Paperback  
Available in: English

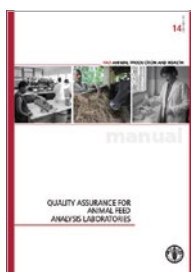


# **ADDRESSING H5N1 HIGHLY PATHOGENIC AVIAN INFLUENZA**

QUALITATIVE RISK ASSESSMENT  
ON SPREAD IN THE CENTRAL  
AFRICAN REGION

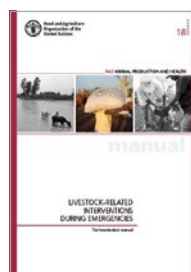
Rome, 2016  
10 pp., 210 x 297 mm  
Price available on request, Paperback  
Available in: English

## MANUALS SERIES



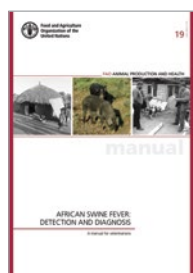
### QUALITY ASSURANCE FOR ANIMAL FEED ANALYSIS LABORATORIES

Rome, 2011  
ISBN 978-92-5-107050-5  
188 pp., 176 × 250 mm  
USD 40.00, Paperback  
Available in: English, French, Russian



### LIVESTOCK-RELATED INTERVENTIONS DURING EMERGENCIES

Rome, 2016  
ISBN 978-92-5-109325-2  
260 pp., 176 × 250 mm  
USD 50.00, Paperback  
Available in: English



### AFRICAN SWINE FEVER (ASF) DETECTION AND DIAGNOSIS

As the African swine fever situation worsens worldwide, this manual will assist veterinarians in the detection and control of the disease through methods such as improved border control, relevant awareness-raising, and improved biosecurity.

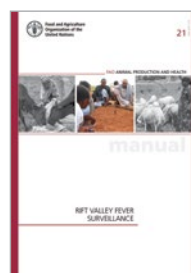
Rome, 2017  
ISBN: 978-92-5-109752-6  
92 pp., 176 × 250 mm  
Price available upon request, Paperback  
Also available in e-book format  
Available in: English, Russian



### LUMPY SKIN DISEASE: A FIELD MANUAL FOR VETERINARIANS

To assist veterinarians in Europe and the Near East faced with lumpy skin disease (LSD) for the first time, this manual provides a clinical presentation of LSD, including transmission routes and prevention and control.

Rome, 2017  
ISBN: 978-92-5-109776-2  
60 pp., 176 × 250 mm  
Price available upon request, Paperback. Also available in e-book format. Available in: Albanian, English, Macedonian, Russian, Serbian, Turkish



### RIFT VALLEY FEVER SURVEILLANCE

Designed for veterinarians and animal health professionals, this guide to effective disease surveillance aims to reduce the socioeconomic consequences of Rift Valley fever outbreaks and prevent them where possible.

Rome, 2018  
ISBN 978-92-5-130244-6  
84 pp., 176 × 250 mm  
Price available upon request, Paperback  
Available in: English



### UNDERSTANDING EBOLA VIRUS AT THE ANIMAL-HUMAN INTERFACE

FAO convened a technical meeting to determine the current status of scientific knowledge on Ebola viruses (EBOV) and develop practical approaches to better prevent and minimize their impacts.

Rome, 2016  
ISBN 978-92-5-109237-8  
26 pp., 210 × 297 mm  
Only available online  
Available in: English



### UNDERSTANDING MERS-COV AT THE ANIMAL-HUMAN INTERFACE

FAO convened a technical meeting to determine the current status of scientific knowledge on Middle East Respiratory Syndrome Coronavirus and develop practical approaches to control and minimize its impact.

Rome, 2015  
ISBN 978-92-5-109242-2  
26 pp., 210 × 297 mm  
Only available online  
Available in: English



### SUSTAINABLE PREVENTION, CONTROL AND ELIMINATION OF LUMPY SKIN DISEASE (ANIMAL)

Endemic across Africa and the Middle East, lumpy skin disease has spread to the Balkans, Caucasus and southern Russian Federation since 2015. This position paper advises countries that combining risk-based vaccination with movement control is the most effective way to prevent spread and persistence of the virus.

Rome, 2017  
ISBN 978-92-5-109937-7  
24 pp., 210 × 297 mm  
Price available upon request,  
Paperback  
Available in: English



### AFRICA SUSTAINABLE LIVESTOCK 2050

In light of projected increases in demand for animal source foods in Africa, this report presents the consensus reached at the ASL2050 meeting to gather qualitative and quantitative data on livestock systems and ensure sustainable livestock development.

Rome, 2017  
ISBN 978-92-5-109749-6  
36 pp., 210 × 297 mm  
Price available  
upon request, Paperback  
Available in: English

In 1994, FAO established the Emergency Prevention System for Transboundary Animal and Plant Pests and Diseases (EMPRES). The EMPRES-Livestock programme plays a major role in the fight against persisting and/or spreading transboundary animal diseases at a global level, with an emphasis on developing countries.

## EMPRES ANIMAL HEALTH 360 LUMPY SKIN DISEASE

SITUATION, SURVEILLANCE AND  
CONTROL ACTIVITIES IN TURKEY

Given the quick spread of lumpy skin disease in continental Europe and the Balkan Peninsula since 2015, this issue analyses the disease situation in different countries, including Albania, Bulgaria, Greece, and Turkey, and overviews different response mechanisms.



Rome, 2017  
ISBN: 978-92-5-109985-8  
64 pp., 210 x 297 mm  
USD 15.00, Paperback  
Available in: English



## EMPRES WATCH

HIGHLY PATHOGENIC AVIAN  
INFLUENZA (H5N1 HPAI) SPREAD  
IN THE MIDDLE EAST: RISK  
ASSESSMENT

Rome, 2016  
8 pp., 210 x 297 mm  
Only available online  
Available in: English, French



## EMPRES WATCH: ANTHRAX OUTBREAKS A WARNING FOR HEIGHTENED AWARENESS

Rome, 2016  
8 pp., 210 x 297 mm  
Only available online  
Available in: English



## EMPRES FOCUS ON

RATIONAL USE OF VACCINATION  
FOR CONTROL AND PREVENTION  
OF H5 HIGHLY PATHOGENIC  
AVIAN INFLUENZA

Rome, 2016  
12 pp., 210 x 297 mm  
Only available online  
Available in: English

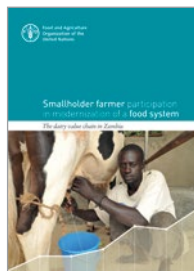
## ANIMAL PRODUCTION AND HEALTH



### THE CONTRIBUTIONS OF LIVESTOCK SPECIES AND BREEDS TO ECOSYSTEM SERVICES

This publication highlights the contributions of livestock species and breeds to ecosystem services, for example through transforming feed unsuitable for human consumption and interacting directly with ecosystems through grazing. The brochure also summarizes the challenges facing the sector such as extinction, genetic erosion, lack of available data, and loss of indigenous breeds and related habitats. Finally, it suggests a set of actions to improve livestock-provisioning, cultural, habitat and regulating services.

Rome, 2016  
24 pp., 175 x 250 mm  
Price available on request, Paperback  
Available in: English

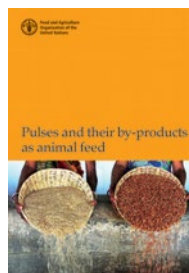


### SMALLHOLDER FARMER PARTICIPATION IN MODERNIZATION OF A FOOD SYSTEM

THE DAIRY VALUE CHAIN IN ZAMBIA

Using data covering a 12-year period, this report explores whether farm assets determine participation of Zambian smallholder dairy farmers in sales to milk collection centres (MCCs) and how their duration as MCC suppliers affects their accumulation of farm capital and technology.

Rome, 2017  
ISBN: 978-92-5-109725-0  
56 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### PULSES AND THEIR BY-PRODUCTS AS ANIMAL FEED

Rome, 2017  
ISBN: 978-92-5-109915-5  
224 pp., 176 x 250 mm  
USD 75.00, Paperback  
Available in: English



### QUESTIONS & ANSWERS HANDBOOK FOR GOOD MANAGEMENT PRACTICES AND BIOSECURITY IN SMALL AND MEDIUM-SCALE POULTRY HATCHERIES

Hanoi, 2017  
ISBN: 978-92-5-109813-4  
92 pp., 176 x 250 mm  
Price available upon request, Paperback  
Available in: English

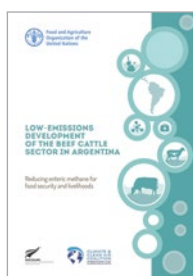


## ENVIRONMENTAL PERFORMANCE OF PIG SUPPLY CHAINS

GUIDELINES FOR ASSESSMENT  
(VERSION 1)

These guidelines provide calculation methods and data requirements to enable the consistent application of life cycle assessments across different pig supply chains to enhance environmental sustainability in the sector.

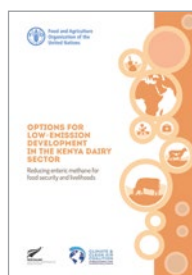
Rome, 2018  
ISBN 978-92-5-130377-1  
172 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## LOW-EMISSIONS DEVELOPMENT OF THE BEEF CATTLE SECTOR IN ARGENTINA

What is the potential for improving beef productivity while reducing enteric methane emission intensity from production? This study identifies low-cost strategies, such as use of conserved fodder and control of reproductive diseases.

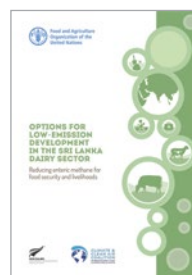
FAO & New Zealand Agricultural Greenhouse Gas Research Centre, Rome, 2017  
ISBN: 978-92-5-109880-6  
34 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## OPTIONS FOR LOW-EMISSION DEVELOPMENT IN THE KENYA DAIRY SECTOR

This study evaluates the potential for improving milk production while reducing enteric methane emission through low-cost strategies, including the use of urea-treated crop residues and vaccination against East Coast Fever.

FAO & New Zealand Agricultural Greenhouse Gas Research Centre, Rome, 2017  
ISBN: 978-92-5-109878-3  
44 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## OPTIONS FOR LOW EMISSION DEVELOPMENT IN THE SRI LANKA DAIRY SECTOR

This study identifies low-cost strategies (e.g. strategic feeding and supplementation with fodder trees) to reduce enteric methane emissions from milk production, while contributing to the country's short- to long-term social and economic development.

FAO & New Zealand Agricultural Greenhouse Gas Research Centre, Rome, 2017  
ISBN: 978-92-5-109881-3  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

## AREAS OF WORK



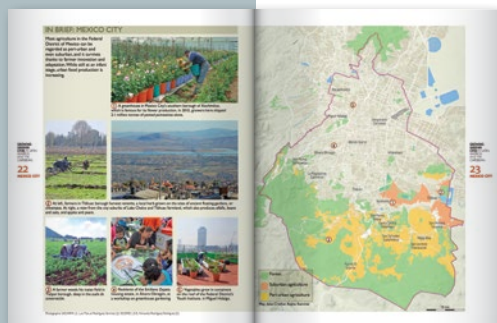
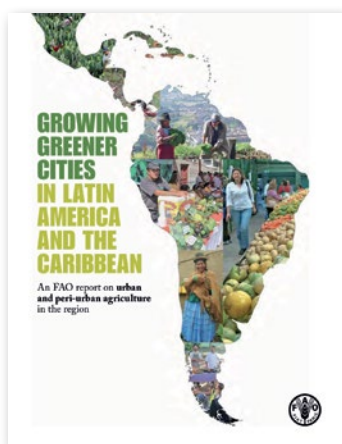
**Acknowledging and strengthening the growing role of urban agriculture as an important land use and economic activity.**

## CITIES

This report presents 23 countries and 10 cities in Latin America and the Caribbean in which urban and peri-urban agriculture is part of public policy, included in urban development strategies, supported by research and extension, and linked to technological innovation, investment and credit. It shows how peri-urban agriculture supplies urban dwellers with fresh, high-value "local food", generates employment, creates greenbelts, and stimulates local economic development. A growing number of cities are also linking family farmers in peri-urban and adjoining rural areas to their food banks, school meals and similar programmes, contributing to the livelihoods and well-being of both the rural and urban poor.

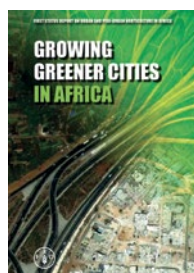
Rome, 2014  
ISBN 978-92-5-108250-8  
52 pp, 210 x 270 mm  
USD 68.00, Paperback  
Available in: English, Spanish

# GROWING GREENER CITIES IN LATIN AMERICA AND THE CARIBBEAN



## CUBA

A worker at the peri-urban agriculture cooperative Vivero Alamar cultivating crops.  
©FAO

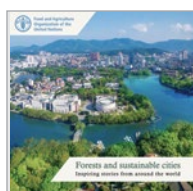


## GROWING GREENER CITIES IN AFRICA

FIRST STATUS REPORT ON URBAN AND PERI-URBAN HORTICULTURE IN AFRICA

Eco-friendly cultivation practices can help African cities grow more fruit and vegetables while lowering contamination risks, cutting production costs and increasing growers' income. The challenge is to steer urbanization from its current, unsustainable path towards sustainable, greener cities that offer their inhabitants choice, opportunity and hope.

Rome, 2012  
ISBN 978-92-5-107286-8  
116 pp., 176 x 250 mm  
USD 28.00, Paperback  
Available in: English,  
French, Portuguese

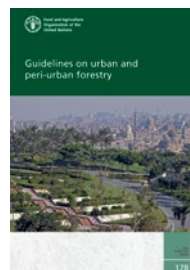


## FORESTS AND SUSTAINABLE CITIES

INSPIRING STORIES FROM AROUND THE WORLD

Launched on 21 March, International Day of Forests 2018, this publication presents success stories of cities that have opted for "green" strategies to deal with urban challenges, such as large-scale afforestation in Beijing and tree planting to protect from landslides in Lima.

Rome, 2018  
92 pp., 230 x 230 mm  
Price available upon request,  
Paperback  
Available in: English



## GUIDELINES ON URBAN AND PERI-URBAN FORESTRY

These guidelines – intended for a global audience of decision-makers, civil servants, policy advisors and other stakeholders – promote urban and peri-urban forests as a way of meeting the needs of cities for environmental services. They will also raise community awareness on the positive contributions that urban and peri-urban forests can make to city life and their essential role in global sustainability.

Rome, 2016  
ISBN 978-92-5-109442-6  
168 pp., 176 x 250 mm  
USD 35.00, Paperback  
Available in: English,  
French, Spanish



## OUR WORLD IS URBANIZING

IS FOOD ON YOUR AGENDA?

Rome, 2018  
12 pp., 148 x 210 mm  
Price available upon request,  
Paperback  
Available in: English

## FOOD SYSTEMS FOR AN URBANIZING WORLD

Based on a desk review of the wide range of literature related to urban food issues, food systems and urban and peri-urban agriculture, this report examines current trends and innovative initiatives as the basis for a conceptual framework to identify broad parameters and priorities to improve urban food systems.

**FORTHCOMING 2018**

**UNASYLVA 250 FORESTS AND CITIES**

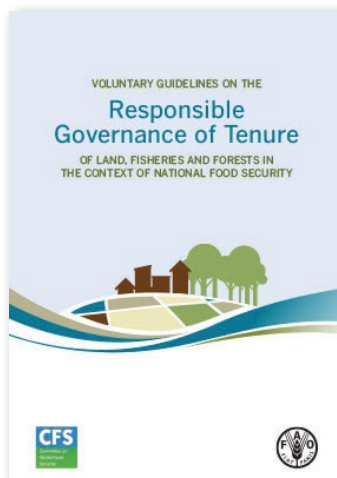
**SEE PAGE 176**

## AREAS OF WORK



**Engaging dialogue on economic development, rural institutions, social protection, decent rural employment and the right to food.**

## ECONOMIC AND SOCIAL DEVELOPMENT



## VOLUNTARY GUIDELINES ON THE RESPONSIBLE GOVERNANCE OF TENURE OF LAND, FISHERIES AND FORESTS IN THE CONTEXT OF NATIONAL FOOD SECURITY

These guidelines are the first comprehensive global instrument on tenure and its administration to be prepared through intergovernmental negotiations. The document sets out internationally accepted standards of responsible practices for the use and control of land, fisheries and forests, with the overarching goal of achieving food security for all. Recognizing the centrality of land to development, the Voluntary Guidelines contribute to global and national efforts towards the eradication of hunger and poverty by promoting secure tenure rights and equitable access to land, fisheries and forests.



### RESPONSIBLE GOVERNANCE OF TENURE VIDEO 6'04"



Rome, 2012  
ISBN 978-92-5-107277-6  
40 pp., 177 x 250 mm  
USD 20.00, Paperback  
Available in: Albanian, Arabic, Chinese, English, French, Hindi, Lao, Nepali, Russian, Spanish

### KENYA

Joel Koigu drives a tractor before starting a demo near Nyahururu, Laikipia County.  
©FAO/Luis Tato



## GOVERNING LAND FOR WOMEN AND MEN

This guide focuses on equity and on how land tenure can be governed in ways that address the different needs and priorities of women and men. It provides advice on mechanisms, strategies and actions that can be adopted to improve gender equity in the processes, institutions and activities of land tenure governance.

Rome, 2013, ISBN 978-92-5-107403-9  
120 pp., 210 x 270 mm  
USD 42.00, Paperback  
Available in: Albanian, Arabic, English, French, Spanish

## GOVERNING TENURE RIGHTS TO THE COMMONS

Rome, 2017  
ISBN 978-92-5-109483-9  
96 pp., 210 x 270 mm  
USD 28.00, Paperback  
Available in: English, French, Spanish



## RESPONSIBLE GOVERNANCE OF TENURE: A TECHNICAL GUIDE FOR INVESTORS

Rome, 2016  
ISBN 978-92-5-108974-4  
92 pp., 210 x 270 mm  
USD 28.00, Paperback  
Available in: Arabic, Chinese, English, French, Russian, Spanish



This technical guide explains how investors can invest responsibly in agricultural land in line with the Voluntary Guidelines. It is not an attempt to set new standards; rather, the guide explains what the Voluntary Guidelines mean and how they can help firms to understand and manage risk related to land tenure.

# GOVERNANCE OF TENURE TECHNICAL GUIDES SERIES

The Governance of Tenure Technical Guides are part of FAO's initiative to improve tenure governance and assist countries in applying the Voluntary Guidelines.



## CREATING A SYSTEM TO RECORD TENURE RIGHTS AND FIRST REGISTRATION

Rome, 2017  
ISBN: 978-92-5-109834-9  
80 pp., 210 x 270 mm  
USD 28.00, Paperback  
Available in: English, French, Spanish



## IMPROVING WAYS TO RECORD TENURE RIGHTS

Rome, 2017  
ISBN: 978-92-5-109839-4  
32 pp., 210 x 270 mm  
USD 28.00, Paperback  
Available in: English, French, Spanish



## VALUING LAND TENURE RIGHTS

Rome, 2017  
ISBN: 978-92-5-130069-5  
112 pp., 210 x 270 mm  
Price available upon request, Paperback  
Also available in e-book format  
Available in: English

A guide to the identification and valuation of land tenure rights as well as how to ensure fair and transparent valuations according to international norms, this paper proposes a holistic approach that takes socio-cultural and environmental values into account.

## AREAS OF WORK



### COMMUNITY RECORDING OF TENURE RELATIONSHIPS USING OPEN TENURE

This manual provides community leaders with guidance on the processes behind the Open Tenure software. It explains how the software should be configured for community use and gives guidance on designing community protocols to record tenure relationships.

Rome, 2017  
ISBN: 978-92-5-109898-1  
44 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English, Spanish



### FARMERS' RIGHTS

Rome, 2017  
ISBN: 978-92-5-109932-2  
116 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

## ECONOMIC AND SOCIAL DEVELOPMENT



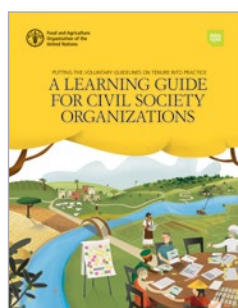
Rome, 2017  
ISBN: 978-92-5-009887-6  
140 pp., 230 x 215 mm  
USD 45.00, Paperback  
Available in: English, French,  
Spanish (trilingual)

### LAND TENURE JOURNAL 2016/01

This issue looks at situations where land tenure contributes to food security and poverty reduction, e.g. through land consolidation as an alternative to compulsory land acquisition by big infrastructure projects, and regulation of rural land markets.

### NEW ISSUE

**FORTHCOMING JUNE 2018**



FAO & FIAN International,  
Rome, 2017  
ISBN 978-92-5-109912-4  
104 pp., 210 x 297 mm  
USD 42.00, Paperback  
Available in: English, French,  
Spanish

### PUTTING THE VOLUNTARY GUIDELINES ON TENURE INTO PRACTICE

A LEARNING GUIDE FOR CIVIL SOCIETY ORGANIZATIONS

A guide for civil society and grassroots organizations to improve governance of tenure. Its objectives include understanding the background of the VGGT, identifying key actors, assessing the local tenure situation, and preparing an agenda for action.

## FAO AGRICULTURAL DEVELOPMENT ECONOMICS WORKING PAPERS SERIES



### IMPACTS OF MODIFYING MALAWI'S FARM INPUT SUBSIDY PROGRAMME TARGETING

Policy makers have proposed to direct agricultural subsidies towards more efficient and productive farmers. This paper evaluates the impact this would have on the existing programme design and on the conditions of poor households.

Rome, 2017  
ISBN 978-92-5-109908-7  
46 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



### INSTITUTIONS, ECONOMIC FREEDOM AND STRUCTURAL TRANSFORMATION IN 11 SUB- SAHARAN AFRICAN COUNTRIES

This paper explores the relationship between institutions and structural transformation in sub-Saharan Africa, noting that better institutions lead to greater economic freedom and exchange across borders.

Rome, 2018  
ISBN 978-92-5-130155-5  
44 pp., 210 x 297 mm  
Price available upon  
request, Paperback  
Available in: English

The series presents ongoing research on food security and nutrition global trends and governance.



### THE RELATIONSHIPS BETWEEN FOOD SECURITY AND VIOLENT CONFLICTS THE CASE OF COLOMBIA

This analysis shows the destructive effects that armed conflict had on food insecurity in Colombia, impacting production, distribution and marketing of food from local to regional levels. It calls for food security policies to be part of the rural reform envisaged in the peace accords.

Rome, 2017  
ISBN 978-92-5-130113-5  
44 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### THE RELATIONSHIPS BETWEEN FOOD SECURITY AND VIOLENT CONFLICTS THE CASE OF EL SALVADOR

Rome, 2017  
ISBN: 978-92-5-109963-6  
28 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### THE IMPACT OF MARKETS AND POLICY ON INCENTIVES FOR RICE PRODUCTION IN RWANDA

Rome, 2018  
ISBN 978-92-5-130384-9  
36 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

This study presents an overview of the 12-year civil conflict in the country. It analyses how conflict affected food security in both war and post-war periods, and presents policy recommendations to improve it through greater access to land or monitoring of displaced people.



**PROMOTING THE  
ROLE OF SMALL  
FOOD ENTERPRISES  
IN THE  
TRANSFORMATION  
OF RURAL  
COMMUNITIES**

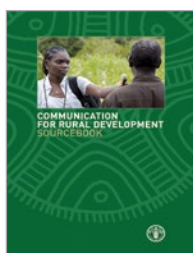
Rome, 2017  
28 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



**SUCCESS STORIES  
ON INFORMATION  
AND  
COMMUNICATION  
TECHNOLOGIES  
FOR AGRICULTURE  
AND RURAL  
DEVELOPMENT**

SECOND EDITION

Bangkok, 2017  
ISBN 978-92-5-108774-9  
106 pp., 180 x 260 mm  
Available in: English



**COMMUNICATION  
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DEVELOPMENT  
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A hands-on guide for  
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communication for  
development training.  
It addresses how to  
package content about  
resource management,  
agricultural innovation  
and climate change  
adaptation.

Rome, 2017  
ISBN: 978-92-5-207994-1  
336 pp., 210 x 297 mm  
Price available upon  
request, Paperback  
Also available in e-book  
format  
Available in: English,  
Spanish



**INCORPORATING  
DECENT RURAL  
EMPLOYMENT IN THE  
STRATEGIC PLANNING  
FOR AGRICULTURAL  
DEVELOPMENT**

PILOT VERSION

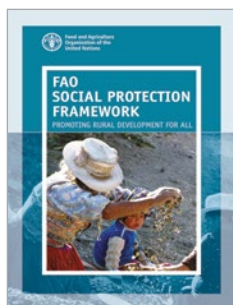
Rome, 2016  
ISBN 978-92-5-109141-8  
116 pp., 210 x 297 mm  
Price available on request,  
Paperback  
Available in: English



**INNOVATION FOR  
SUSTAINABLE RURAL  
DEVELOPMENT**

A look at how to promote innovation for rural  
sustainable development through public policy,  
financial inclusion, and research and technology,  
covering perspectives ranging from small-scale  
agriculture to social market construction and  
government institutions.

CELAC & FAO, Santiago, 2017  
96 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, Spanish



## FAO SOCIAL PROTECTION FRAMEWORK

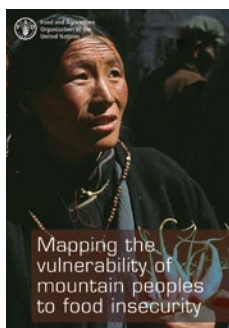
Rome, 2017  
ISBN: 978-92-5-109703-8  
80 pp., 210 x 297 mm  
USD 35.00, Paperback  
Available in: English, French,  
Russian, Spanish



## SOCIOECONOMIC IMPACT AND NEEDS ASSESSMENT

DONETSK AND LUGANSK  
REGIONS – UKRAINE

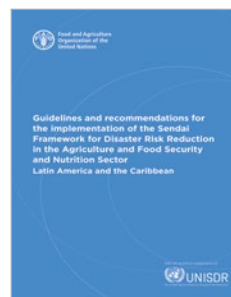
Kyiv, 2017  
ISBN: 978-92-5-130035-0  
68 pp., 210 x 297 mm  
Price available upon request,  
Paperback, Available in: English



## MAPPING THE VULNERABILITY OF MOUNTAIN PEOPLES TO FOOD INSECURITY

One in three mountain people in developing countries is facing hunger and malnutrition. This publication presents an updated geographic and demographic picture of the world's mountain areas and assesses the vulnerability to food insecurity of mountain dwellers in developing countries, based on a specially designed model. It shows that the living conditions of mountain dwellers have continued to deteriorate in the last decade, and many mountain communities lag far behind in the eradication of poverty and hunger. The publication gives voice to their plight and sends a message to policy-makers on the importance of mountain development. It also proposes specific measures that could break the cycle of poverty and hunger in mountain communities.

Rome, 2015  
ISBN 978-92-5-108993-4  
80 pp., 183 x 259 mm  
Price available on request, Paperback  
Available in: English

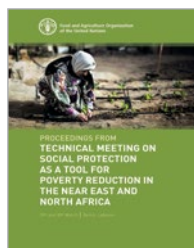


## GUIDELINES AND RECOMMENDATIONS FOR THE IMPLEMENTATION OF THE SENDAI FRAMEWORK FOR DISASTER RISK REDUCTION IN THE AGRICULTURE AND FOOD SECURITY AND NUTRITION SECTOR

A regional review of food security and nutrition, with recommendations for reducing disaster risk, notably by strengthening institutions and using natural resources sustainably to improve climate adaptation and risk management.

FAO & UNISDR, Santiago, 2017  
48 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English, Spanish

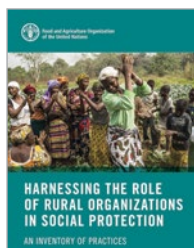
## ECONOMIC AND SOCIAL DEVELOPMENT



### TECHNICAL MEETING ON SOCIAL PROTECTION AS A TOOL FOR POVERTY REDUCTION IN THE NEAR EAST AND NORTH AFRICA

This publication promotes linkages between rural development and social protection in order to reduce hunger and poverty through policies that increase and diversify consumption, and improve the health status of women and children.

Rome, 2017  
ISBN 978-92-5-109871-4  
40 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

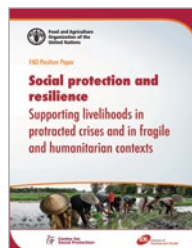


### HARNESSING THE ROLE OF RURAL ORGANIZATIONS IN SOCIAL PROTECTION

AN INVENTORY OF  
PRACTICES

Although social protection is increasingly recognized as a poverty reduction strategy, challenges prevent governments from moving towards universal social protection coverage. This report shows how rural organizations can fill this gap and deliver basic health and education.

Rome, 2017  
ISBN 978-92-5-109971-1  
156 pp., 210 x 297 mm  
Price available upon  
request  
Available in: English



### SOCIAL PROTECTION FOR RESILIENCE BUILDING

SUPPORTING LIVELIHOODS  
IN PROTRACTED CRISES,  
FRAGILE AND HUMANITARIAN  
CONTEXTS

This paper discusses key challenges to enhancing the ability of existing social protection programmes to effectively manage a crisis. Challenges include system capacity neutrality and impartiality in conflict contexts, and sustainable financing.

Rome, 2017  
ISBN: 978-92-5-109852-3  
56 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

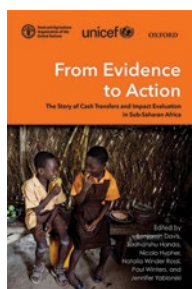


### THE HOUSEHOLD AND INDIVIDUAL-LEVEL ECONOMIC IMPACTS OF CASH TRANSFER PROGRAMMES IN SUB-SAHARAN AFRICA

SYNTHESIS REPORT

Using qualitative research and econometric analysis, this report analyses how unconditional cash transfer programmes impact crop production, agricultural inputs, labour allocation, risk management and social networks in seven sub-Saharan countries.

Rome, 2017  
ISBN: 978-92-5-109635-2  
64 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



FAO, Oxford University Press & UNICEF  
Rome, 2016  
ISBN 978-92-5-108981-1  
368 pp., 155 x 235 mm  
Price available on request  
Paperback  
Available in: English

## FROM EVIDENCE TO ACTION

THE STORY OF CASH TRANSFERS AND IMPACT EVALUATION IN SUB-SAHARAN AFRICA

The impacts of cash transfers programmes, especially in sub-Saharan Africa, have not been substantially documented. This book presents a detailed overview of the impact evaluations of these programmes, carried out by the Transfer Project and FAO's From Protection to Production project. The key objective of the book is to enhance the understanding of these development programmes and how they lead to a broad range of social and productive impacts.



FAO & IFAD, Brasilia, Rome, 2017  
ISBN: 978-92-5-109056-5  
272 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English, French,  
Portuguese, Spanish

## OVERCOMING HUNGER AND RURAL POVERTY

BRAZILIAN EXPERIENCES

A review of Brazil's pioneering social and rural development policies, particularly Fome Zero (Zero Hunger) and Bolsa Família (Family Allowance), two conditional cash transfer programmes that helped lift more than 70 million people out of poverty.

BRIEF BRIEF BRIEF BRIEF BRIEF  
BRIEF BRIEF BRIEF BRIEF BRIEF

## WHAT DID WE LEARN FROM THE BOUT OF HIGH AND VOLATILE FOOD COMMODITY PRICES (2007-2013)?

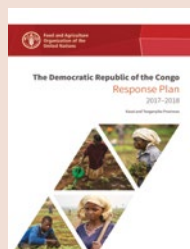


Rome, 2017  
ISBN: 978-92-5-109809-7  
34 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

Drawing on recent data and interviews, this report stresses the need to deliver accurate information (e.g. AMIS, OECD-FAO Outlook) to policy makers and improve international governance (multilateral regulatory frameworks) to respond to market shocks.

## THE DEMOCRATIC REPUBLIC OF THE CONGO

RESPONSE PLAN 2017-2018



Rome, 2017  
20 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

In a context of chronic poverty, conflict and food insecurity, this document sets out FAO's approach to restoring livelihoods, including through seeds and tools provision, resilience-building for internally displaced people and cash transfer programmes.

## ECONOMIC AND SOCIAL DEVELOPMENT

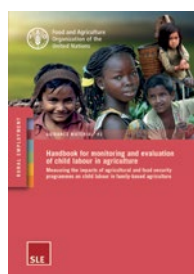


### CHILD LABOUR IN AGRICULTURE IN LEBANON

A GUIDE FOR PRACTITIONERS

FAO & ILO, Rome, 2017  
ISBN: 978-92-5-109901-8  
96 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

This practical reference manual examines the international legal framework against child labour, analyses its causes, explains its harmful effects on children and proposes policy actions, risk assessments and other measures to eliminate it.



### HANDBOOK FOR MONITORING AND EVALUATION OF CHILD LABOUR IN AGRICULTURE

MEASURING THE IMPACTS OF AGRICULTURAL  
AND FOOD SECURITY PROGRAMMES ON CHILD  
LABOUR IN FAMILY-BASED AGRICULTURE

Rome, 2015  
ISBN 978-92-5-108779-4  
116 pp., 176 x 250 mm  
Price available on request  
Paperback  
Also in e-book format  
Available in: English

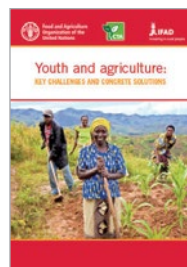
Preventing all forms of child labour requires broader food security and agricultural and rural development programmes that lift people out of poverty. Integrating child labour concerns into the monitoring and evaluation frameworks of food security and rural development programmes is essential, and this handbook provides a set of good practices and innovative approaches for doing so. It provides tools for adapting programmes and policies to specific contexts.



### RURAL YOUTH AGED 15-17 THE RIGHT SEASON TO SEED THE FUTURE

Considering the challenges faced by rural youth, this report proposes policies to increase human capital and channel resources towards youth aged 15-17 to ensure equal access to education and decent jobs.

Rome, 2017  
44 pp., 210 x 297 mm, Price available upon request,  
Paperback, Available in: English



### YOUTH AND AGRICULTURE

KEY CHALLENGES AND  
CONCRETE SOLUTIONS

This publication shows how tailor-made educational programmes can provide rural youth with the skills and insights needed to engage in farming and adopt environmentally friendly production methods.

FAO, CTA & IFAD, Rome, 2016  
ISBN 978-92-5-108475-5  
128 pp., 210 x 297 mm  
USD 30.00, Paperback  
Available in: English, French, Spanish



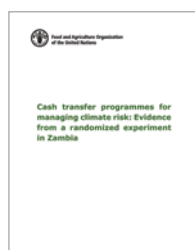
### HOME-GROWN SCHOOL FEEDING RESOURCE FRAMEWORK

This framework fosters the replication and scaling up of home-grown school feeding models and the mapping of opportunities for linking such programmes with relevant agricultural development and rural transformation investments.

FAO & WFP, Rome, 2018  
36 pp., 210 x 297 mm  
Price available upon request,  
Paperback, Available in: English

## FROM PROTECTION TO PRODUCTION SERIES

These titles are in a series of seven country case studies carried out as part of FAO's From Protection to Production (PtoP) programme.

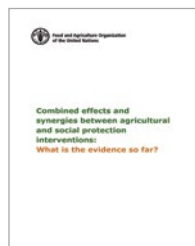


### CASH TRANSFER PROGRAMMES FOR MANAGING CLIMATE RISK

EVIDENCE FROM A RANDOMIZED EXPERIMENT IN ZAMBIA

This publication studies the effect of weather risks on the welfare of rural households. It argues that including environmental vulnerabilities as targeting criteria improves the effectiveness of social protection interventions as risk-coping instruments (e.g. 'green jobs' in waste management, reforestation and soil conservation).

Rome, 2017  
36 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### COMBINED EFFECTS AND SYNERGIES BETWEEN AGRICULTURAL AND SOCIAL PROTECTION INTERVENTIONS

WHAT IS THE EVIDENCE SO FAR?

This publication identifies interactions between agricultural and social protection interventions and shows the positive impacts of combined programmes on income diversification, food security and poverty reduction.

Rome, 2016  
ISBN 978-92-5-109553-9  
160 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### QUALITATIVE RESEARCH ON SOCIAL PROTECTION AND DECENT RURAL EMPLOYMENT

MALAWI CASE STUDY

Covering Malawi's social cash transfer programme "Lifting up families", this publication concludes that although the programme enables beneficiaries to engage in different income-generating activities, it has no impact on youth employment opportunities.

Rome, 2017  
ISBN: 978-92-5-109905-6  
108 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### QUALITATIVE RESEARCH ON THE IMPACTS OF SOCIAL PROTECTION ON RURAL WOMEN'S ECONOMIC EMPOWERMENT

THE MALAWI SOCIAL CASH TRANSFER PROGRAMME, COUNTRY CASE STUDY REPORT

An analysis of the impacts of Malawi's Social Cash Transfer Programme, notably regarding economic advancement. The programme led to income-generating opportunities but women's bargaining power remained limited.

Rome, 2017, ISBN: 978-92-5-109780-9  
116 pp., 210 x 297 mm, Price available upon request, Paperback, Available in: English



### **EMPOWERING RURAL WOMEN THROUGH SOCIAL PROTECTION**

The paper reviews evidence on the most widely-used social protection schemes, assessing the extent of their current and potential impact on women's economic empowerment.

Rome, 2015  
44 pp., 210 × 297 mm  
Price available on request,  
Paperback  
Available in: English

Promoting decent rural employment by creating new jobs in rural areas and improving existing ones could be one of the most efficient pathways to reduce rural poverty.



### **DECENT RURAL EMPLOYMENT, PRODUCTIVITY EFFECTS AND POVERTY REDUCTION IN SUB-SAHARAN AFRICA**

Rome, 2016  
36 pp., 210 × 297 mm  
Price available on request, Paperback  
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### **DECENT RURAL EMPLOYMENT IN DIFFERENT FARMING SYSTEMS IN SUB-SAHARAN AFRICA**

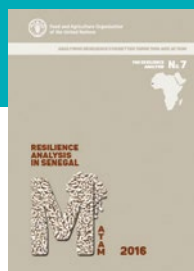
Rome, 2016  
36 pp., 210 × 297 mm  
Price available on request,  
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Available in: English



### **DECENT WORK INDICATORS FOR AGRICULTURE AND RURAL AREAS**

Rome, 2015  
80 pp., 210 × 297 mm  
Price available on request  
Paperback  
Available in: English

This background paper assesses the relevance of concepts and indicators of decent work for rural areas and employment in agriculture. It examines some of the main reasons for the lack of data on decent work, and proposes a selection of more relevant indicators as well as some ways to improve data collection.



## RESILIENCE ANALYSIS IN SENEGAL 2016

Despite Senegal's economic growth in the last 30 years, a high proportion of the population still lives below the poverty threshold, and over 15 percent of people were still food insecure in 2013. The case of Matam is a particular one: in 2012, more than 45 percent of the population was below the poverty line, secondary school rates were low and it was the region most affected by drought. However, Matam has emerged as one of the most resilient regions in Senegal. This analysis measures the resilience capacity of households in the area to understand how food security is influenced by resilience factors and geoclimatic scenarios.

Rome, 2016  
52 pp., 210 × 297 mm  
Price available on request  
Paperback  
Available in: English, French



## RESILIENCE ANALYSIS IN NIGER 2011

Niger is a landlocked country historically prone to natural crises and political instability. These factors increasingly contribute to chronic food insecurity and high poverty rates. The purpose of this study is to explain the role of key variables in determining the current level of resilience of the population in Niger and to provide decision-makers with actionable information to inform response planning.

Rome, 2015  
36 pp., 210 × 297 mm  
Price available on request  
Paperback  
Available in: English

# RESILIENCE ANALYSIS AND POLICY SERIES

Country-level analyses based on the FAO RIMA tool and prepared by the Resilience Analysis and Policy Team. The series provides programming and policy guidance to improve the resilience of households in food-insecure countries.



## RESILIENCE ANALYSIS IN ISOLO, MARSABIT AND MERU, KENYA 2016

Rome, 2017  
76 pp., 210 × 297 mm  
Price available on request  
Paperback  
Available in: English



Rome, 2016  
48 pp., 210 × 297 mm  
Price available on request  
Paperback  
Available in: French

## RESILIENCE ANALYSIS IN SUDAN 2009

The Republic of Sudan is the third-largest country in Africa, situated in the Nile Valley of North Africa. Although its geographical position features fertile lands and thus an abundance of livestock, the country has been intermittently devastated by civil wars for four decades. This household resilience survey examines differences in resilience capacities and structures between female- and male-headed households, and between regions. The analysis can be adopted as a baseline to critically review the different policies implemented by the Government in order to suggest targeted policy improvements.



## PROMOTING RESPONSIBLE INVESTMENT IN AGRICULTURE AND FOOD SYSTEMS

This guide provides a methodology for the review of national legal and institutional frameworks related to responsible investments in agriculture and food systems. It also identifies key areas of regulation within a thematic context, with a focus on larger scale private agricultural investments in primary agriculture.

Rome, 2016  
ISBN 978-92-5-109475-4  
84 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## ASSESSMENT OF INTERNATIONAL LABOUR STANDARDS THAT APPLY TO RURAL EMPLOYMENT

This study identifies and assesses the international labour standards that apply to rural employment. It analyses international labour, human rights and other instruments as regards the agriculture, forestry and fisheries sectors.

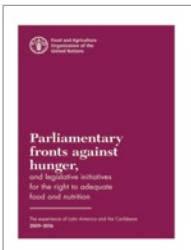
Rome, 2016  
ISBN 978-92-5-109342-9  
40 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## THE RIGHTS TO SOCIAL PROTECTION AND ADEQUATE FOOD

This publication analyses the interplay between the rights to social protection and adequate food, as well as the importance of a human rights-based approach to social protection. It describes the importance of having legally enforceable rights, clear institutional responsibilities, transparency of eligibility criteria, application and termination procedures.

Rome, 2016  
ISBN 978-92-5-109052-7  
44 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## PARLIAMENTARY FRONTS AGAINST HUNGER AND LEGISLATIVE INITIATIVES FOR THE RIGHT TO ADEQUATE FOOD AND NUTRITION

Rome, 2017  
72 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, French, Spanish



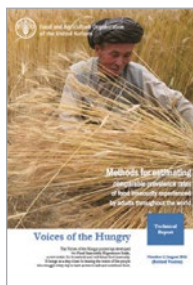
## FOSTERING FOOD PURCHASE PROGRAMMES IN WIDESPREAD POVERTY CONTEXTS

FAO & UNDP, New York, Rome, 2017  
ISBN 978-92-5-109802-8  
26 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## IMPLEMENTATION OF DECENTRALIZED FOOD PROCUREMENT PROGRAMMES AND THE IMPACT OF THE POLICY, INSTITUTIONAL AND LEGAL ENABLING ENVIRONMENT

FAO & International Policy Centre for Inclusive Growth, Rome, 2017  
ISBN 978-92-5-109921-6  
32 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## METHODS FOR ESTIMATING COMPARABLE PREVALENCE RATES OF FOOD INSECURITY EXPERIENCED BY ADULTS THROUGHOUT THE WORLD

The Voices of the Hungry project has developed the Food Insecurity Experience Scale, a new metric for household and individual food insecurity. It brings us a step closer to hearing the voices of the people who struggle every day to have access to safe and nutritious food. The main purpose of this report is to allow food security analysts to evaluate the statistical soundness and adequacy of the methods described.

Rome, 2016  
ISBN 978-92-5-108835-7  
60 pp., 210 x 297 mm  
Price available upon request  
Paperback  
Available in: English, French, Spanish

## BROCHURES BROCHURES BROCHURES BROCHURES

### PEACE AND FOOD SECURITY

INVESTING IN RESILIENCE TO SUSTAIN RURAL LIVELIHOODS AMID CONFLICT



Rome, 2016  
28 pp., 200 x 250 mm  
Price available on request, Paperback  
Available in: Arabic, Chinese, English, French, Russian, Spanish

FAO has long been concerned about the impact of war on food security and about how hunger can be a driver of instability and conflict. However, FAO also knows that actions to promote food security can help prevent a crisis, mitigate its impacts and promote post-crisis recovery and healing. This booklet explains the relationship between peace, conflict and food security. Through FAO's experience on the ground, it shows how investing in food security helps fight hunger and builds peace.



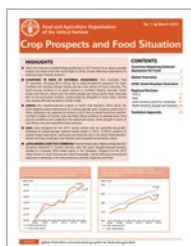
### FOOD SECURITY AND PEACE DISCUSSION NOTE

Rome, 2016, 8 pp., 210 x 297 mm  
Price available on request, Paperback  
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This discussion note explains the relationship between peace, conflict and food security and shows how investing in food security helps fight hunger and builds peace.

## ECONOMIC AND SOCIAL DEVELOPMENT

## CROP PROSPECTS AND FOOD SITUATION **SERIES**



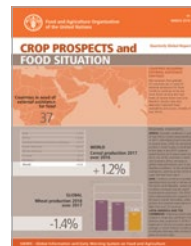
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## AGRICULTURAL DEVELOPMENT ECONOMICS TECHNICAL STUDY **SERIES**



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Drawing lessons from WFP's Purchase for Progress programme, Brazil's Food Purchase Programme and others, this study concludes that integrating small rural actors into value chains requires strong policies, institutional reform and clear institutional mandates.

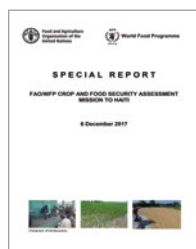
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ISBN: 978-92-5-109864-6  
120 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
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### SOWING THE SEEDS OF PEACE FOR FOOD SECURITY

Rome, 2017  
ISBN: 978-92-5-109933-9  
116 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

This study looks at the causal relationship by which conflict triggers food crises and food insecurity (e.g. by disrupting distribution networks), which in turn perpetuate violence. It proposes intervention mechanisms, including regular cash transfers, for improving food security and sustaining peace.

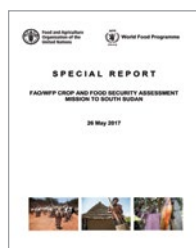


### SPECIAL REPORT

FAO/WFP CROP AND FOOD SECURITY  
ASSESSMENT MISSION TO HAITI

Rome, 2017  
ISBN: 978-92-5-130079-4  
32 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

The mission took place in August 2017 before Hurricane Irma's passage. Findings suggest that production would still remain above the three-year average, but dependency on imports would increase. Stronger access to credit to buy or direct distribution of seeds is needed.

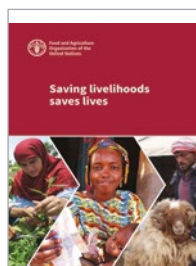


### SPECIAL REPORT

FAO/WFP CROP AND FOOD SECURITY  
ASSESSMENT MISSION TO SOUTH SUDAN

Rome, 2017  
ISBN: 978-92-5-109713-7  
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This publication estimates cereal production, supply and demand, as well as household food security in South Sudan. Its recommendations include the strengthening of farmer field schools, and monitoring of food stocks.



### SAVING LIVELIHOODS SAVES LIVES

A summary of the achievements of FAO's resilience and emergency programmes in 2017, covering over 50 countries. While 59% of resources went to preventing famine in Nigeria, Somalia, South Sudan and Yemen, FAO also responded to other major protracted crises.

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### COUNTING THE COST

AGRICULTURE IN SYRIA  
AFTER SIX YEARS OF CRISIS

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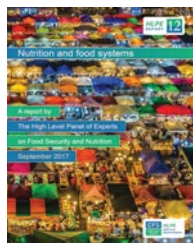


### FAO'S ROLE IN HUMANITARIAN CONTEXTS

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LIVELIHOODS IN 2018

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## ECONOMIC AND SOCIAL DEVELOPMENT

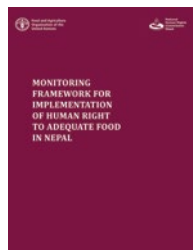


### NUTRITION AND FOOD SYSTEMS

A REPORT BY THE HIGH LEVEL  
PANEL OF EXPERTS ON FOOD  
SECURITY AND NUTRITION OF  
THE COMMITTEE ON WORLD  
FOOD SECURITY. SEPTEMBER  
2017

Presented at the 44th Committee on  
Food Security in October 2017,  
this report looks at the links between  
access to food and people's  
nutritional status. It calls for policies  
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for all and strengthen consumers'  
information on healthy products.

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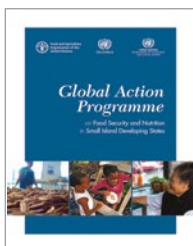


### MONITORING FOOD SECURITY IN COUNTRIES WITH CONFLICT SITUATIONS

A JOINT FAO/WFP UPDATE FOR THE  
UNITED NATIONS SECURITY COUNCIL

FAO & WFP, Rome, 2017  
52 pp., 210 x 297 mm  
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An update on the acute food insecurity  
situation in 17 conflict-affected countries.  
Factors affecting food security include  
displacement, interrupted supply routes,  
decreased agricultural production, higher food  
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### GLOBAL ACTION PROGRAMME ON FOOD SECURITY AND NUTRITION IN SMALL ISLAND DEVELOPING STATES

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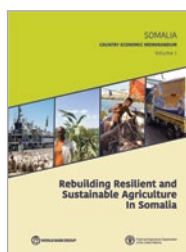


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FAO, The World Bank, Rome, 2018  
ISBN 978-92-5-130419-8, 212 pp., 210 x 297 mm  
Price available upon request, Paperback, Available in: English



## MONITORING FOOD SECURITY IN COUNTRIES WITH CONFLICT SITUATIONS

This report provides an analysis of food insecurity for 15 countries, focusing on crisis, emergency and famine situations. It describes the impact of conflict and gives an overview of the main drivers.

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44 pp., 210 x 297 mm  
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## GLOBAL EWEA REPORT SERIES

The quarterly Global Early Warning – Early Action Report on Food Security and Agriculture monitors situations at risk for potential disasters and adverse impacts on food security and agriculture.



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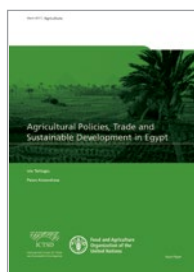
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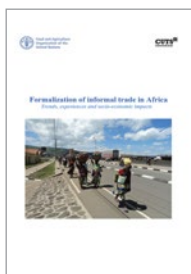
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An overview on how food taxation can reduce obesity and non-communicable diseases, this study proposes an integrated approach incorporating social and cultural aspects. It calls for influencers such as church leaders to support changes in food consumption.

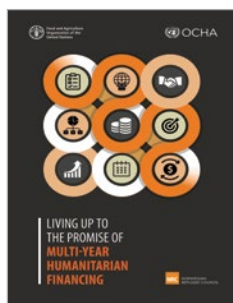
FAO & World Bank, Rome, 2017  
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56 pp., 210 x 297 mm  
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### REVIEW OF AGRICULTURAL TRADE POLICIES IN POST-SOVIET COUNTRIES, 2015-2016

This report summarizes factors affecting agrifood trade in the region in 2014. It notes that the value of agrifood exports decreased due to declining demand and weaker currencies, despite stronger integration among countries.

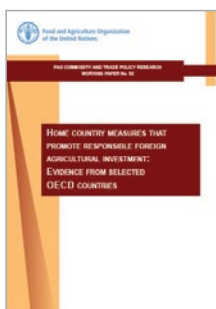
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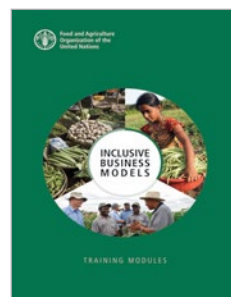
An overview of the benefits of multi-year humanitarian financing (MYHF), this study explores how MYHF can reach its full potential and identifies lessons learned from past practices, including the need to better target beneficiaries and make timely investments.

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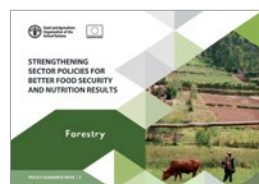
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MARCH 2017, NO. 53

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In order to anticipate, prepare for and mitigate high price volatility, this study uses statistical estimations to analyse which factors (e.g. Foreign Exchange Index, Brent oil price) impact volatility for three basic food commodities: wheat, maize and soybeans.



## COMMODITIES AND DEVELOPMENT REPORT 2017

Commodity prices are projected to increase marginally until 2030. The challenge for developing countries is to foster an environment that combines fiscal, sectoral and social policies to prevent price volatility from impacting national economies.

UN & FAO, New York, Geneva, 2017  
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## REPORT OF THE FOURTH MINISTERIAL MEETING ON COMMODITY MARKETS AND PRICES

This publication presents discussions on commodity dependence, value chain development and others, and makes recommendations to advance food security and nutrition by improving food safety controls and avoiding trade barriers.

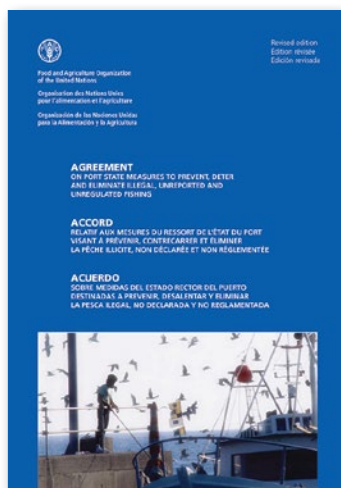
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**Resource monitoring, guidelines and policy relating to the role of fish and its associated products in food security and nutrition, production and trade, poverty alleviation and employment.**

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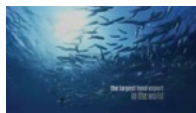


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#### PORT STATE MEASURES

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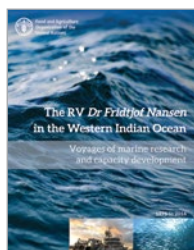
A fisherman fishes in the river Tista.  
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Available in: English

This report explores the alignment of aquaculture with the 2030 agenda's goals and targets, suggesting that existing guidance needs strengthening in cross-cutting areas – such as poverty alleviation and resource use efficiency.

## THE STATE OF MEDITERRANEAN AND BLACK SEA FISHERIES 2018

The second edition of the General Fisheries Commission for the Mediterranean report on the State of Mediterranean and Black Sea fisheries (SoMFi 2018) presents a comprehensive analysis of the current state and trends of fisheries in the GFCM area of application. The report sheds light on various aspects of fisheries, such as the extent and composition of the fishing fleet, the production and socioeconomic characteristics of fisheries, the composition and volume of discards, the incidental catch of vulnerable species and the status of stocks.

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## FISHERIES AND AQUACULTURE INSURANCE IN CHINA

A REVIEW

A review of fisheries insurance programmes, this report gives recommendations for improving policy and legal support and organization, national fishery infrastructures, government subsidies and insurance models for fishery and aquaculture development.

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## MARKET INTEGRATION BETWEEN WILD AND FARMED FISH IN MEDITERRANEAN COUNTRIES

This paper shows that there is no, or low, fish market integration in the region due to traditional consumption patterns, the use of different market chains and a persistent negative perception of farmed products in the area.

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These papers present important, comprehensive information, often global in nature and representing the collective knowledge of a group of experts.

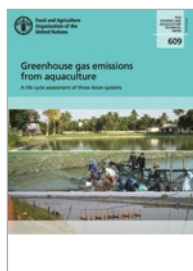
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Rome 2017  
ISBN 978-92-5-130007-7  
96 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

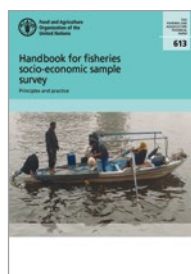


### GREENHOUSE GAS EMISSIONS FROM AQUACULTURE

A LIFE CYCLE ASSESSMENT OF THREE ASIAN SYSTEMS

This study of three aquaculture systems (tilapia, carps and striped catfish) aims to promote cost-effective aquaculture and reduce GHG emissions, through better water management, low environmental impact materials and biosecurity measures.

Rome, 2017  
ISBN 978-92-5-109833-2  
108 pp., 210 x 297 mm  
USD 60.00, Paperback  
Also available in e-book format  
Available in: English

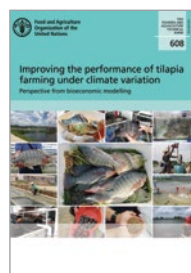


### HANDBOOK FOR FISHERIES SOCIO-ECONOMIC SAMPLE SURVEY

PRINCIPLES AND PRACTICE

This document provides tested and standardized tools to collect the data needed for a socio-economic assessment of a fishery, including sampling design, quality checks and how to transform inputs into statistics.

Rome, 2017  
ISBN: 978-92-5-109694-9  
136 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### IMPROVING THE PERFORMANCE OF TILAPIA FARMING UNDER CLIMATE VARIATION

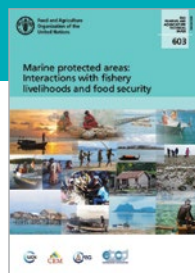
PERSPECTIVE FROM BIOECONOMIC MODELLING

The results of a bioeconomic model simulating intensive tilapia pond culture under different conditions. The modelling shows that an increase in feed price or mortality, or a decrease in fish price, significantly reduces profitability.

Rome, 2018  
ISBN 978-92-5-130162-3  
76 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

### CLIMATE CHANGE IMPLICATIONS FOR FISHERIES AND AQUACULTURE

FORTHCOMING JULY 2018

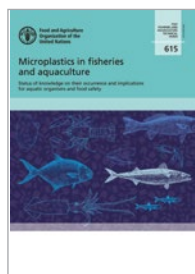


## MARINE PROTECTED AREAS

INTERACTIONS WITH  
FISHERY LIVELIHOODS  
AND FOOD SECURITY

Building on work presented at the IUCN World Parks Congress (WPC) held in Australia in 2014, this document outlines experiences with aquatic protected areas (PAs), marine protected areas (MPAs) and protected areas in inland waters in the context of livelihoods and food security. It provides a general overview of MPAs and reports on their interface with livelihoods and food security, based on case studies in Africa, Asia, Latin America and Oceania. It also synthesizes the papers' conclusions and discusses the observed outcomes of aquatic PAs, together with problems and solutions.

FAO & IUCN, Rome, 2017  
ISBN 978-92-5-109606-2  
172 pp., 210 x 297 mm  
USD 63.00  
Paperback  
Available in: English



## MICROPLASTICS IN FISHERIES AND AQUACULTURE

An overview of the occurrence and effects of microplastics on aquatic organisms, with recommendations regarding seafood safety and security, environmental risk assessment approaches and targeted monitoring of microplastics in the environment.

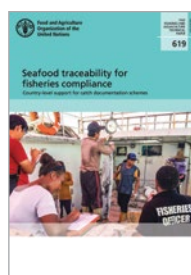
Rome, 2017  
ISBN 978-92-5-109882-0  
128 pp., 210 x 297 mm  
USD 45.00, Paperback  
Also available in e-book format  
Available in: English



## REGIONAL QUEEN CONCH FISHERIES MANAGEMENT AND CONSERVATION PLAN

Rome, 2017  
ISBN 978-92-5-109931-5  
72 pp., 201 x 297 mm  
Price available upon request, Paperback  
Available in: English

A 10-year regional plan to guide measures to stabilize queen conch populations and maintain healthy fisheries. Recommended short-term measures include monitoring programmes, stricter regulations on diving techniques and organized patrolling.

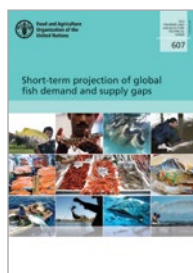


## SEAFOOD TRACEABILITY FOR FISHERIES COMPLIANCE

COUNTRY-LEVEL SUPPORT FOR  
CATCH DOCUMENTATION  
SCHEMES

How can individual countries in seafood supply chains maximize effectiveness of catch documentation schemes? This study suggests that monitoring is key in flag, coastal and end-market states, whereas country-level traceability is critical in port and processing states.

Rome, 2017  
ISBN 978-92-5-130040-4  
116 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



### SHORT-TERM PROJECTION OF GLOBAL FISH DEMAND AND SUPPLY GAPS

FAO's short-term projection model looks into future fish demand and supply gaps for nine species groups, concluding that income growth will stimulate per capita fish demand, and that shellfish demand and supply will overtake finfish.

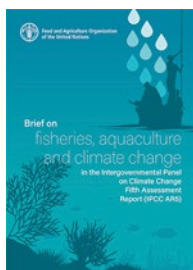
Rome, 2017  
ISBN 978-92-5-109857-8  
128 pp., 210 x 297 mm  
USD 60.00, Paperback  
Available in: English



### INTEGRATED OCEAN MANAGEMENT: FISHERIES, OIL, GAS AND SEABED MINING

GLOBEFISH RESEARCH PROGRAMME  
VOLUME 122

Rome, 2016  
ISBN 978-92-5-109382-5  
48 pp., 176 x 250 mm  
Price available on request  
Paperback  
Available in: English



### BRIEF ON FISHERIES, AQUACULTURE AND CLIMATE CHANGE

Rome, 2016  
16 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



### REPORT OF THE FORTIETH SESSION OF THE GENERAL FISHERIES COMMISSION FOR THE MEDITERRANEAN

ST JULIAN'S, MALTA, 30 MAY – 30 JUNE 2016

This yearly report includes all the decisions adopted by the General Fisheries Commission for the Mediterranean (GFCM) and reviews the programme of work and budget agreed for the next intersession.

Rome, 2017  
ISBN: 978-92-5-109594-2  
142 pp., 210 x 297 mm  
USD 45.00, Paperback  
Available in: Arabic, English, French



### REPORT OF THE FORTY-FIRST SESSION OF THE GENERAL FISHERIES COMMISSION FOR THE MEDITERRANEAN

The issues discussed during the session included methods for reporting aquaculture data and information and a regional plan of action to combat illegal, unreported and unregulated fishing in the GFCM area of application.

Budva, 2018  
978-92-5-130249-1  
176 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, French

Official records of major conferences or symposiums, usually global or of global significance, including all related presentations and associated material.



### EXPLORING THE HUMAN RIGHTS-BASED APPROACH IN THE CONTEXT OF THE IMPLEMENTATION AND MONITORING OF THE SSF GUIDELINES

To implement the small-scale fisheries guidelines effectively and protect fishing communities will mean addressing climate change-induced disasters, power imbalances in the value chain, work safety and tenure.

Rome, 2017  
ISBN: 978-92-5-109679-6  
112 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



Rome, 2017  
ISBN: 978-92-5-109731-1  
80 pp., 210 x 297 mm  
USD 45.00, Paperback  
Available in: English

### GFCM HIGH-LEVEL CONFERENCE TOWARDS ENHANCED COOPERATION ON BLACK SEA FISHERIES AND AQUACULTURE

A DECLARATION TO BOOST REGIONAL COOPERATION IN THE SECTOR

An overview of the state of marine living resources, including ecological and socio-economic challenges, this report introduces the Bucharest Declaration, a collaborative approach against illegal practices that promotes sustainable aquaculture development.

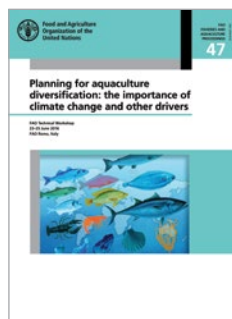


Rome, 2017  
ISBN 978-92-5-130018-3  
56 pp., 210 x 297 mm  
USD 45.00  
Paperback  
Available in: English

### IMPROVING OUR KNOWLEDGE ON SMALL-SCALE FISHERIES

DATA NEEDS AND METHODOLOGIES

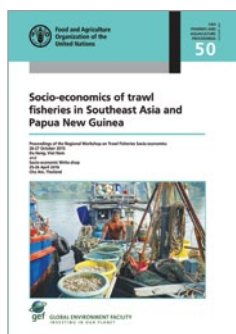
A workshop held in June 2017 focused on defining the scope and main contents of the study, including type of indicators to be collected and subsector coverage, and methodologies for data collection and analysis.



### PLANNING FOR AQUACULTURE DIVERSIFICATION: THE IMPORTANCE OF CLIMATE CHANGE AND OTHER DRIVERS

Aquaculture diversification (e.g. increasing species being farmed or developing strains within existing species) is discussed here as one means to face extreme climatic events and add economic, social and ecological insurance to aquaculture systems.

Rome, 2017  
ISBN: 978-92-5-109788-5  
116 pp., 210 x 297 mm  
USD 60.00, Paperback  
Available in: English



Rome, 2017  
ISBN 978-92-5-109929-2  
248 pp., 210 x 297 mm  
USD 110.00, Paperback  
Available in: English

### SOCIO-ECONOMICS OF TRAWL FISHERIES IN SOUTHEAST ASIA AND PAPUA NEW GUINEA

Socio-economic information on trawl fisheries is not always readily available. This publication aims to fill this literature gap and presents key findings (on demographics, fishing practices, costs and income, among others) to better understand the contribution of trawl fisheries to food security and livelihoods.



Rome, 2017  
ISBN 978-92-5-109741-0  
52 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

### TOWARDS THE IMPLEMENTATION OF THE SSF GUIDELINES IN SOUTH ASIA

This publication gives an overview of the small-scale fisheries sector in South Asian countries and proposes actions to support SSF implementation, through SSF focal points in fisheries administrations, secure funding, and public-private partnerships.



## COORDINATING WORKING PARTY ON FISHERY STATISTICS

REPORT OF THE FIFTH MEETING OF THE AQUACULTURE SUBJECT GROUP AND THE TWENTY-SIXTH MEETING OF THE FISHERIES SUBJECT, COPENHAGEN, DENMARK, 19–22 JUNE 2017

Rome, 2017  
ISBN: 978-92-5-109926-1  
40 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

Discussions covered the dissemination of the revised handbook, the further enhancement of the Geographic Information

Systems section of the handbook, and the progress made in establishing the standard aquaculture questionnaire.



## GENERAL FISHERIES COMMISSION FOR THE MEDITERRANEAN

REPORT OF THE ELEVENTH  
SESSION OF THE COMPLIANCE  
COMMITTEE

The Committee took stock of progress made with regard to curbing IUU fishing and adopted the work plan for 2017–19, which includes facilitating the use of vessel identifiers and organizing training for inspectors.

Rome, 2017  
ISBN 978-92-5-0099538-8  
68 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, French (bilingual)



## REPORT OF THE THIRTY-SECOND SESSION OF THE COMMITTEE ON FISHERIES

ROME, 11–15 JULY 2016

A review of the strategy and budgetary planning of the Committee on Fisheries for 2016–2019. It provides an account of discussions regarding the situation of fisheries in the world and recommendations to facilitate policy implementation.

Rome, 2017, ISBN 978-92-5-109662-8  
78 pp., 210 x 297 mm, Available in Arabic, Chinese, English, French, Russian, Spanish



## REPORT OF THE EIGHTH SESSION OF THE SCIENTIFIC ADVISORY GROUP

MÉRIDA, MEXICO, 3–4 NOVEMBER 2017

The recommendations that emerged from the meeting included the importance of supporting communities affected by hurricanes via increased collaboration with national authorities, and the need to foster research on sustainability of fisheries aggregating devices.

Bridgetown, 2018, ISBN 978-92-5-130391-7  
64 pp., 210 x 297 mm, Price available upon request,  
Paperback, Available in: English, French, Spanish (trilingual)



### REPORT OF THE FIRST MEETING OF THE WECAFC/OSPESCA/CRFM/CITES/CFMC WORKING GROUP ON SHARK CONSERVATION AND MANAGEMENT

BRIDGETOWN, BARBADOS,  
17–19 OCTOBER 2017

During the meeting, experts worked on shark stocks and fisheries status assessments and a Regional Plan of Action for the protection of sharks and rays, aiming at strengthening research, data collection, capacity building, and awareness raising.

Bridgetown, 2018  
ISBN 978-92-5-130387-0  
112 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



### REPORT OF THE SECOND MEETING OF THE REGIONAL WORKING GROUP ON ILLEGAL, UNREPORTED AND UNREGULATED (IUU) FISHING

BARBADOS,  
19–21 SEPTEMBER 2017

During the technical meeting, fishing vessel marking and identification and the establishment of regional IUU vessel lists were approved to facilitate the work of inspectors and other officials in identifying unauthorized crafts.

Bridgetown, 2018  
ISBN 978-92-5-130161-6  
100 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, Spanish (bilingual)



### REPORT OF THE SECOND SESSION OF THE COMMITTEE ON FISHERIES ADVISORY WORKING GROUP ON AQUATIC GENETIC RESOURCES AND TECHNOLOGIES

ROME, ITALY, 19–20  
OCTOBER 2017

This paper reports on the main discussion points of the meeting, including the implementation of genetic improvement programmes and the setup of an information system to assess and monitor the status of aquatic genetic resources.

Rome, 2018  
28 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

### REPORT OF THE TECHNICAL WORKSHOP ON “BEST-PRACTICES FOR THE IMPLEMENTATION AND REPORTING OF SDG INDICATOR 14.4.1 PERCENTAGE OF BIOLOGICALLY SUSTAINABLE FISH STOCKS”

ROME, ITALY, 21–24 NOVEMBER 2017



Some participating countries are undertaking fish stock assessments and could easily report on SDG Indicator 14.4.1, whereas others are facing challenges in reporting on the indicator.

Rome, 2017, 32 pp., 210 x 297 mm  
Price available upon request  
Available in: English

### REPORT OF THE EXPERT GROUP MEETING ON STOCK ASSESSMENT METHODS AND REVIEW OF THE SMALL PELAGIC AND DEMERSAL ASSESSMENTS FOR THE CECAF AREA

ROME, ITALY, 24-26 JUNE 2015



This expert group meeting stressed the importance of data quality and access, which would contribute to quality control, transparency and continuity, even during changes in Working Group membership.

Rome, 2018, ISBN 978-92-5-009044-3

148 pp., 210 x 297 mm, Price available upon request, Paperback

Available in: English, French (bilingual)

### REPORT OF THE FAO EXPERT WORKSHOP ON SUSTAINABLE USE AND MANAGEMENT OF ARTEMIA RESOURCES IN ASIA



A review on Artemia (brine shrimp) use in aquaculture, this publication looks at how to increase policy awareness on its role for biodiversity conservation and its contribution to biological and medical research.

Rome, 2017, ISBN 978-92-5-109798-4

34 pp., 210 x 297 mm, Price available upon request, Paperback

Available in: English

### REPORT OF THE FIFTH GLOBAL FISHERIES ENFORCEMENT TRAINING WORKSHOP (GFETW)



This report assesses enforcement against illegal fishing in New Zealand. It includes case studies covering international and regional cooperation, capacity building, and implementation of port-state measures, as well as data analysis and risk assessment.



### REPORT OF THE FAO/CECAF TECHNICAL WORKSHOP ON DEEP-SEA FISHERIES AND VULNERABLE MARINE ECOSYSTEMS OF THE EASTERN CENTRAL ATLANTIC

DAKAR, SENEGAL, 8-10 NOVEMBER  
2016

This three-day workshop was held to support implementation of FAO's International Guidelines on deep-sea fisheries (e.g. through global instruments and management practices), and to raise awareness on sponges' preservation and sustainable exploitation.

Rome, 2017

ISBN: 978-92-5-009854-8

140 pp., 210 x 297 mm

Price available upon request, Paperback

Available in: English, French (bilingual)



### REPORT OF THE FIFTH WORKING PARTY ON COLLABORATION AND COOPERATION IN TUNA FISHERIES

DURBAN, SOUTH AFRICA,  
1–3 NOVEMBER 2016

The three-day meeting notably reviewed the state of ratification of the Port State Measures agreement and the establishment of the Regional Fisheries Monitoring Control and Surveillance Coordination Centre for Southern Africa to strengthen collaboration to tackle IUU fishing.

Maputo, 2017  
ISBN 978-92-5-009934-7  
72 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English, French  
(bilingual)



### REPORT OF THE FIRMS-WECAFC REGIONAL WORKSHOP ON RECREATIONAL FISHERIES STATISTICS IN THE CARIBBEAN – THE COMMONWEALTH OF THE BAHAMAS

20–22 JUNE 2017

The workshop called for strengthening capacities to improve recreational fisheries data collection in the Caribbean, and presented useful tools such as FAO SmartForms, a mobile platform for fisheries data collection.

Bridgetown, 2018  
ISBN 978-92-5-130066-4  
36 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### REPORT OF THE FIRST MEETING OF THE AD HOC WORKING GROUP ESTABLISHED BY THE PARTIES TO THE AGREEMENT ON PORT STATE MEASURES TO PREVENT, DETER AND ELIMINATE ILLEGAL, UNREPORTED AND UNREGULATED FISHING

OSLO, NORWAY, 1–2  
JUNE 2017

An overview on main priorities for implementing the Agreement on Port State Measures in developing states. The report recommends that support should consider legal and policy aspects and include awareness raising and funding mechanisms.

Rome, 2017  
ISBN: 978-92-5-109959-9  
32 pp., 210 x 297 mm  
USD 8.00, Paperback  
Available in: English

### REPORT OF THE FIRST MEETING OF THE PARTIES TO THE AGREEMENT ON PORT STATE MEASURES TO PREVENT, DETER AND ELIMINATE ILLEGAL, UNREPORTED AND UNREGULATED FISHING

OSLO, NORWAY, 29–31 MAY 2017



The meeting included a review of the 2009 Agreement on Port State Measures, a discussion on the role of States, FAO and regional fisheries management organizations in implementing the Agreement, and recommendations for monitoring mechanisms, including specific web-based questionnaires.

Rome, 2017, ISBN 978-92-5-109958-2  
40 pp., 210 x 297 mm, USD 15.00, Paperback,  
Available in: Arabic, Chinese, English,  
French, Russian, Spanish



## REPORT OF THE FIRST MEETING OF THE REGIONAL WORKING GROUP ON ILLEGAL, UNREPORTED AND UNREGULATED (IUU) FISHING

BARBADOS, 1–2 MARCH 2017

Bridgetown, 2018  
72 pp.  
bilingual in English  
and Spanish

The meeting raised awareness on IUU fishing in the Caribbean and proposed tools to combat it, such as vessel monitoring systems, control and surveillance measures, and international and regional instruments including the 2009 FAO Port State Measures Agreement.



## REPORT OF THE LAUNCHING WORKSHOP OF THE CLIMATE CHANGE ADAPTATION FOR EASTERN CARIBBEAN FISHERIES PROJECT "CC4FISH"

The workshop presented the project's activities and objectives, covering themes ranging from fishers' insurance policies to fish waste management practices.

Bridgetown, 2018  
ISBN 978-92-5-130081-7  
36 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## REPORT OF THE NINETEENTH SESSION OF THE SCIENTIFIC ADVISORY COMMITTEE ON FISHERIES

SLOVENIA, 16–19 MAY 2017

Rome, 2017  
ISBN 978-92-5-009954-5  
184 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: in English,  
French (bilingual)

The Committee reviewed the work carried out during the 2016–17 intersession and addressed the mid-term strategy towards the sustainability of Mediterranean and Black Sea fisheries. It provided advice on data collection and quality indicators.



## REPORT OF THE REGIONAL WORKSHOPS ON AWARENESS BUILDING IN FISHERIES ECO- LABELLING, AQUACULTURE CERTIFICATION, CONFORMITY ASSESSMENT AND BENCHMARKING

Rome, 2017, ISBN: 978-92-5-109787-8  
40 pp., 210 x 297 mm, Price available upon request,  
Paperback, Available in: English

This report reviews regions' aquaculture certification initiatives and raises awareness about the Global Benchmark Tool, which aims to minimize the overall environmental impact of catching, growing and delivering seafood.



### REPORT OF THE SEVENTH SESSION OF THE SOUTH WEST INDIAN OCEAN FISHERIES COMMISSION

MAPUTO, MOZAMBIQUE,  
12–16 OCTOBER 2015

A review of the Commission's work over the past decade, its current programme, which includes collaborating with NGOs and operationalizing the Control and Surveillance Centre, and a reflection on the growing challenges of overfishing, climate change and more.

Maputo, 2017  
ISBN 978-92-5-009698-8  
112 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English, French  
(bilingual)



### REPORT OF THE SIXTH AQUACULTURE NETWORK FOR AFRICA (ANAF) ANNUAL MEETING

This report reviews ANAF's legal documents (founding agreement, rules of procedure, financial regulations and headquarters agreement) and presents a draft strategy for its establishment as an intergovernmental organization.

Rome, 2017  
ISBN 978-92-5-109702-1  
74 pp., 210 x 297 mm  
USD 28.00, Paperback  
Available in: English



### REPORT OF THE SIXTEENTH SESSION OF THE SUB-COMMITTEE ON FISH TRADE OF THE COMMITTEE ON FISHERIES

BUSAN, REPUBLIC OF KOREA,  
4–8 SEPTEMBER 2017

Questions covered by the session included food loss and waste, social sustainability (e.g. the role of women), the role of Marine Protected Areas (MPAs) (e.g. closer cooperation with national authorities) and the impact of climate change on fish supply, trade and consumption.

Rome, 2017  
ISBN 978-92-5-130026-8  
68 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: Arabic, Chinese, Russian, English, French, Spanish (trilingual)



### REPORT OF THE TECHNICAL CONSULTATION ON THE VOLUNTARY GUIDELINES FOR CATCH DOCUMENTATION SCHEMES

This consultation was held to elaborate guidelines for catch documentation schemes. It covered illegal, unreported and unregulated fishing-related risks, transparency of the supply chain and the use of secure electronic systems to reduce falsification.

Rome, 2018  
ISBN 978-92-5-130235-4  
32 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

**REPORT OF THE EIGHTH SESSION OF  
THE SOUTH WEST INDIAN OCEAN  
FISHERIES COMMISSION**

ANTANANARIVO, MADAGASCAR,  
28–31 MARCH 2017



The meeting discussed the need to boost the standardization of tools for overexploited fish stocks assessment in order to improve the comparability of Member countries' results, and called for improved capacity development in fisheries management.

Maputo, 2018, ISBN 978-92-5-130160-9  
80 pp., 210 x 297 mm, Price available upon request, Paperback  
Available in: English, French (bilingual)

**REPORT OF THE TENTH MEETING  
OF THE RECOFI WORKING  
GROUP ON FISHERIES  
MANAGEMENT**

An overview of work regarding RECOFI priority species in the Near East and North Africa, particularly Spanish mackerel and shrimps. The report discusses data collection challenges and the 2017–2018 programme of work and budget.

Cairo, 2017, ISBN 978-92-5-109689-5, 28 pp., 210 x 297 mm  
Price available upon request, Paperback, Available in: English

**REPORT OF THE TENTH SESSION  
OF THE SCIENTIFIC ADVISORY  
COMMITTEE ON AQUACULTURE**

IZMIR, TURKEY, 27–29 MARCH 2017



The outputs of the Scientific Advisory Committee on Aquaculture for 2015–2017 included guidelines on environmental monitoring, aquaculture licensing, and a draft strategy for sustainable development of the Mediterranean and Black Sea.

**REPORT OF THE FAO  
TECHNICAL WORKSHOP ON  
ADVANCING AQUAPONICS**

AN EFFICIENT USE OF LIMITED  
RESOURCES

The meeting included a review of the 2009 Agreement on Port State Measures, a discussion on the role of States, FAO and regional fisheries management organizations in implementing the Agreement, and recommendations for monitoring mechanisms, including specific web-based questionnaires.

Rome, 2017  
ISBN: 978-92-5-109975-9  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

Rome, 2017  
ISBN: 978-92-5-009853-0  
72 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, French (bilingual)



### REPORT OF THE THIRD WORKING PARTY ON FISHERIES DATA AND STATISTICS

MOMBASA, KENYA, 24 –  
26 JULY 2012

Harare, 2017  
ISBN 978-92-5-109899-8  
64 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

The Working Party envisioned a Regional Information System integrating the STATBASE, WIOFish and FIRMS systems, including enhanced frame surveys and socio-economic information on fisheries.

### REPORT OF THE WORKSHOP ON CLIMATE PROOFING AQUACULTURE IN SUB- SAHARAN AFRICA

REVIEW OF POLICIES AND PRODUCTION SYSTEMS FOR  
CLIMATE CHANGE RESILIENCY



Given aquaculture's growth in sub-Saharan Africa, this report sets out its current status and measures employed to adapt to climate change. It includes a vulnerability assessment (meteorological, aquaculture and socioeconomic variables) and a policy review.

Rome, 2017  
ISBN: 978-92-5-109674-1  
46 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



### REPORT OF THE WORK PLANNING WORKSHOP FOR THE SUSTAINABLE MANAGEMENT OF BYCATCH IN LATIN AMERICA AND CARIBBEAN TRAWL FISHERIES PROJECT

This report reviews the administrative and management arrangements, country work plans and budget of the trawl fisheries project. It discusses next steps for implementation, financial management and monitoring of national plans.

Rome, 2017  
ISBN 978-92-5-009503-5  
88 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, Spanish (bilingual)

### REPORT OF THE WORKSHOP ON DEVELOPMENT OF AQUACULTURE INSURANCE SYSTEM FOR SMALL-SCALE FARMERS

BANGKOK, THAILAND, 20–21 SEPTEMBER 2016



This publication explains how insurance and savings can reduce the impacts of aquaculture losses and improve farmers' ability to adapt to risks in a context of extreme weather events, pollution and disease.

Rome, 2017  
ISBN 978-92-5-109634-5  
44 pp., 210 x 297 mm  
USD 25.00, Paperback  
Available in: English



The report evaluates best practices for trawling to enhance sustainability of livelihoods and ecosystems. It promotes stronger collaboration with trawl fishing scientists and fishing fleets.

### REPORT OF WORKSHOP ON THE USE OF BEST AVAILABLE SCIENCE IN DEVELOPING AND PROMOTING BEST PRACTICES FOR TRAWL FISHING OPERATIONS IN SOUTHEAST ASIA

Rome, 2017  
ISBN: 978-92-5-109561-4  
40 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



Rome, 2018  
ISBN 978-92-5-109711-3  
64 pp., 210 x 297 mm  
Price available upon request,  
Paperback

### REPORT ON THE WORKSHOP ON STRATEGIC DATA POLICY

ROME, 21-22 SEPTEMBER 2015

This workshop report calls for best practices in data management to be shared among members, highlighting the South West Indian Ocean (SWIO) Region and its Regional Information system (the Chimaera portal) as an example of good practice.



### REPORT ON THE 17TH SESSION OF THE COMMITTEE FOR INLAND FISHERIES AND AQUACULTURE OF AFRICA (CIFAA)

BANJUL, GAMBIA, 9–11 MAY 2017

Among the topics covered were new technologies for African inland fisheries and aquaculture management, such as the use of alternative sources of protein to replace fishmeal, and ways of combating water pollution, like insect control vectors.

Rome, 2018  
ISBN 978-92-5-130327-6  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, French (bilingual)

### REPORT OF THE THIRD REGIONAL WORKSHOP ON CARIBBEAN BILLFISH MANAGEMENT AND CONSERVATION OF THE WECAFC/ OSPESCA/ CRFM/ CFMC WORKING GROUP ON RECREATIONAL FISHERIES



A report on the objectives of the workshop, including better awareness and understanding of the Caribbean Billfish Project and production of a final draft Caribbean Billfish Management and Conservation Plan endorsed by technical experts.

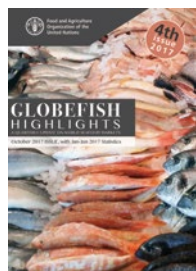
Bridgetown, 2018  
ISBN 978-92-5-130068-8  
76 pp., 210 x 297 mm  
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**ISSUE NO. 1**

2018

Aquaculture supply grew at a steady rate of about 4.5 percent in 2017, while capture fisheries production remains stable at 90.4 million tonnes.

Rome, 2018  
978-92-5-130349-8  
76 pp., 210 x 297 mm  
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**ISSUE NO. 4**

2017

This report foresaw growth in global fish production, including an ongoing increase in aquaculture production.

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This series contains detailed quarterly updates on market trends for a variety of major commodities.

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The rate of increase in global production of fish and fishery products was forecasted to remain steady, with aquaculture accounting for 53 percent of the fish we eat directly.

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**ISSUE NO. 2**

2017

This issue focuses on key events and news (production growth, demand patterns, rising prices) affecting tuna, groundfish, small pelagics, shrimp, crustacea and other commodities.

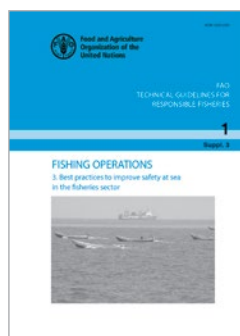
Rome, 2017  
ISBN 978-92-5-109778-6  
80 pp., 210 x 297 mm  
USD 40.00, Paperback  
Available in: English

**ISSUE NO. 3**

2017

This issue lists higher prices for salmon, shrimp, tuna, and small pelagics. Chile and India were the main seafood exporters for 2017, with respective increases of 30 and 41 percent in export value.

Rome, 2017  
ISBN 978-92-5-109940-7  
76 pp., 210 x 297 mm  
USD 40.00, Paperback  
Available in: English

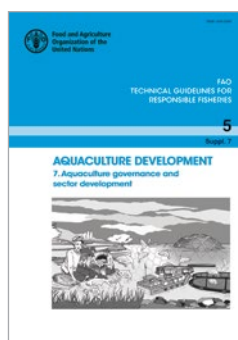


### FISHING OPERATIONS 3

BEST PRACTICES TO  
IMPROVE SAFETY AT SEA IN  
THE FISHERIES SECTOR

These guidelines were produced to support the implementation of the Code of Conduct for Responsible Fisheries with regard to safety at sea in the sector. The purpose is to enable relevant authorities to develop and implement strategies aimed at improved safety, health and conditions of service at sea in capture fisheries and aquaculture operations. They apply to all commercial fishing activities, as well as activities at sea within the aquaculture sector.

Rome, 2015  
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216 pp., 148 x 210 mm  
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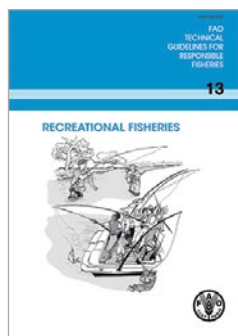


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### AQUACULTURE DEVELOPMENT

AQUACULTURE GOVERNANCE AND  
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This publication, targeted at policy makers and other stakeholders, offers guidance on aquaculture administration, its legal and regulatory framework, license policies and non-state participation in decision-making and implementation.



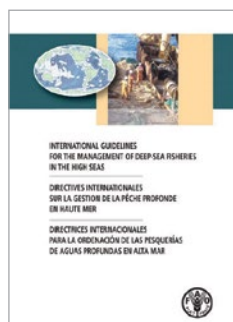
Rome, 2012  
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### RECREATIONAL FISHERIES

The importance of recreational fisheries is increasing in many transitional economies. These guidelines focus on recreational fisheries and describe strategies to promote environmentally sustainable and socially responsible management of such fisheries. To this end, the document details policy, managerial and behavioural recommendations for sustainable recreational fisheries.

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Rome, 2009  
ISBN 978-92-5-006258-7  
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Russian



### GUIDELINES FOR THE ECOLABELLING OF FISH AND FISHERY PRODUCTS FROM INLAND CAPTURE FISHERIES

The guidelines presented in this publication are of a voluntary nature. They are applicable to ecolabelling schemes designed to certify and promote labels for products from well-managed inland capture fisheries. The guidelines refer to principles, general considerations, terms and definitions, minimum substantive requirements and criteria, and procedural and institutional aspects of the ecolabelling of fish and fishery products from inland capture fisheries.

Rome, 2011  
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Rome, 2011  
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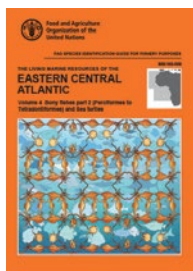
## FISHERIES AND AQUACULTURE

### IDENTIFICATION GUIDE TO COMMON SHARKS AND RAYS OF THE CARIBBEAN

This identification guide features 41 shark species and 20 ray species identified as most relevant to commercial fisheries or most vulnerable to exploitation in the Caribbean Sea, the Gulf of Mexico, and the adjacent waters of the Atlantic Ocean.



Rome, 2016  
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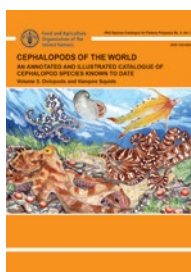


### THE LIVING MARINE RESOURCES OF THE EASTERN CENTRAL ATLANTIC

VOLUME 4: BONY FISHES  
PART 2 (PERCIFORMES)

This multivolume field guide covers the species of interest to fisheries of the major resource groups fished in the Eastern Central Atlantic. The marine resource groups included are bivalves, gastropods, chitons, cephalopods, stomatopods, shrimps, lobsters, crabs, hagfishes, sharks, batoid fishes, chimaeras, bony fishes and sea turtles. Each resource group is introduced by general remarks on the group, an illustrated section on technical terms and measurements, and a key or guide to orders or families.

Rome, 2016  
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### CEPHALOPODS OF THE WORLD

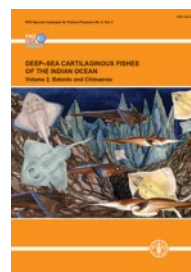
AN ANNOTATED AND ILLUSTRATED CATALOGUE  
OF CEPHALOPOD SPECIES KNOWN TO DATE

This is the third volume of the entirely rewritten, revised and updated version of the original (1984) FAO Catalogue of Cephalopods of the World. It provides accounts of, and illustrated keys for, 13 cephalopod families, comprising 56 genera and the 280 species known and named at the date of publication.

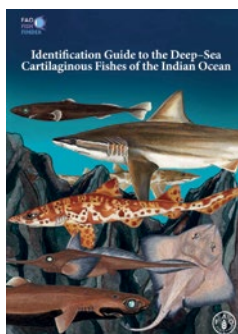
Rome, 2016, ISBN 978-92-5-107989-8  
396 pp., 210 x 297 mm, USD 80.00, Paperback  
Also in e-book format, Available in: English

### DEEP-SEA CARTILAGINOUS FISHES OF THE INDIAN OCEAN

This volume is a comprehensive, fully illustrated catalogue of the sharks, batoid fishes, and chimaeras of the Indian Ocean. It includes 10 orders, 23 families, 45 genera, and 78 species of cartilaginous fishes, providing accounts for all orders, families and genera, and all keys to taxa are fully illustrated.



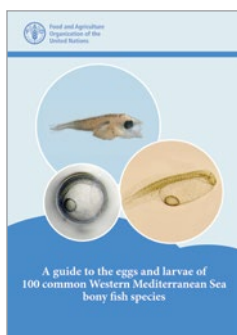
Rome, 2014  
ISBN 978-92-5-108452-6  
136 pp., 210 x 297 mm  
USD 80.00, Ring-bound  
Available in: English



### IDENTIFICATION GUIDE TO THE DEEP-SEA CARTILAGINOUS FISHES OF THE INDIAN OCEAN

This guide includes a selection of species of relevance to fisheries as well as species that may be of research, educational and ecological importance. The Indian Ocean deep-sea chondrichthyan fauna is currently represented by 117 shark, 61 batoid and 17 chimaera species. This guide includes full species accounts for 36 shark species selected as being the more difficult to identify and/or commonly caught.

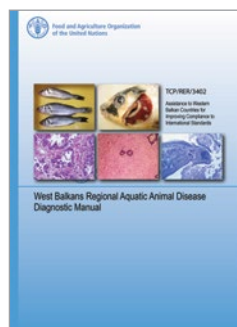
Rome, 2013  
ISBN 978-92-5-107982-9  
80 pp., 210 x 295 mm  
USD 130.00, Ring-bound  
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ISBN: 978-92-5-109895-0  
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### ATLAS OF AQUACULTURE POTENTIAL IN COASTAL KENYA

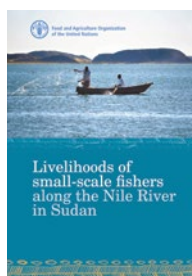
FAO, Ministry of Agriculture, Livestock and Fisheries, State Department of Fisheries and Blue Economy of Kenya, Rome, 2017  
ISBN 978-92-5-130097-8  
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## FISHERIES AND AQUACULTURE



### A HOW-TO GUIDE ON LEGISLATING FOR AN ECOSYSTEM APPROACH TO FISHERIES

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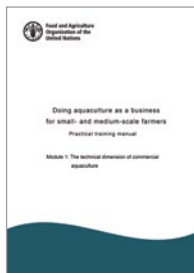
Bangkok, 2017, ISBN 978-92-5-109970-4  
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### VOLUNTARY GUIDELINES FOR SECURING SUSTAINABLE SMALL-SCALE FISHERIES IN THE CONTEXT OF FOOD SECURITY AND POVERTY ERADICATION

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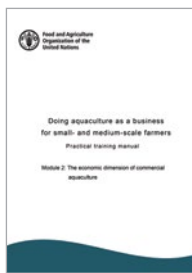


## DOING AQUACULTURE AS A BUSINESS FOR SMALL AND MEDIUM-SCALE FARMERS

PRACTICAL TRAINING MANUAL  
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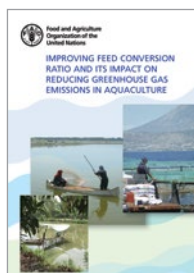
## MID-TERM STRATEGY (2017-2020) TOWARDS THE SUSTAINABILITY OF MEDITERRANEAN AND BLACK SEA FISHERIES

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### IMPLEMENTATION OF IOTC CONSERVATION AND MANAGEMENT MEASURES

PART A

The objective of this manual is to provide a working document for Cooperating Non-Contracting Parties to use in the implementation of the Indian Ocean Tuna Commission Resolutions.



Rome, 2018  
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This manual will assist Indian Ocean Tuna Commission Members and Cooperating Non-Contracting Parties in better understanding their obligations. It also provides an overview of the Conservation and Management Measures (CMMs).

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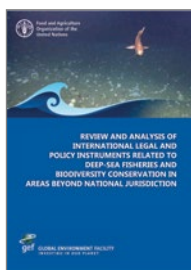
### REGIONAL FISHERY BODY SECRETARIATS' NETWORK

JANUARY 2018 – ISSUE NO. 16

Highlights from this edition include the importance of Regional Fisheries Management Organizations in fighting illegal, unreported and unregulated fishing and the FishFinder 2.0 Development Platform project, a collaborative species identification and data programme led by FAO.



Rome, 2018  
60 pp., 176 x 250 mm  
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## REVIEW AND ANALYSIS OF INTERNATIONAL LEGAL AND POLICY INSTRUMENTS RELATED TO DEEP-SEA FISHERIES AND BIODIVERSITY CONSERVATION IN THE ABNJ

Recognizing the need to control fishing activity, this publication reviews international treaties relevant to deep-seas fisheries management and discusses which provisions require national-level implementation.

## REPORT OF THE WORKSHOP TO REVIEW ORANGE ROUGHY ACOUSTICS DATA



Rome, 2017  
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A review of the performance of acoustics data, this report includes recommendations (regarding selection criteria, reporting and analysis) for surveys on key deep-sea species and the technologies used for their assessment.



## REPORT OF THE AREAS BEYOND NATIONAL JURISDICTION DEEP SEAS PROJECT SECOND PROJECT STEERING COMMITTEE MEETING

An overview the ABNJ Deep Seas Project – aimed at strengthening policy frameworks for sustainable fisheries and enhancing conservation – and a discussion of its implementation status, evaluation system and work plan for 2017.

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## WORKSHOP ON CAPACITY DEVELOPMENT TO IMPROVE THE MANAGEMENT OF MARINE AREAS BEYOND NATIONAL JURISDICTION (ABNJ)

NEEDS, EXPERIENCES, OPTIONS, AND OPPORTUNITIES



Rome, 2017  
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The workshop discussed how to develop national capacities to sustainably manage fisheries and conserve biodiversity in marine areas beyond national jurisdiction. It stressed the role of legally binding international instruments and awareness-raising among stakeholders.

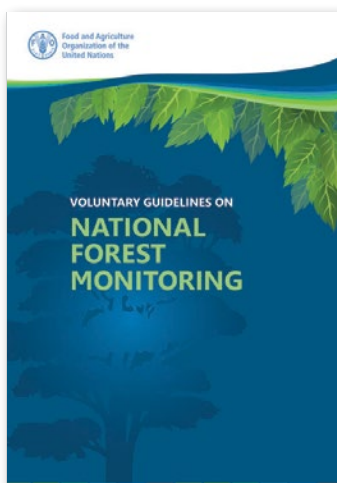
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# VOLUNTARY GUIDELINES ON NATIONAL FOREST MONITORING



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Establishing and running a National Forest Monitoring System (NFMS) is a complex task for governments. These systems serve to better inform forest-related decisions, thereby supporting the sustainable development of forests at national level. Their formulation nonetheless requires a long-term vision and interdisciplinary collaboration, which is both a demanding and an exciting endeavour. These guidelines support this process by placing NFMS in the broader context of national forest-related decision processes and addressing a number of relevant strategic, operational and technical points. This publication includes good practice principles and incorporates a set of decision-support tools for planning and implementing a multipurpose NFMS, grounded in nationally appropriate and scientifically sound practices.



## BELARUS

A forest near the agrotown of Gatsuk, some 70 km south of Minsk.  
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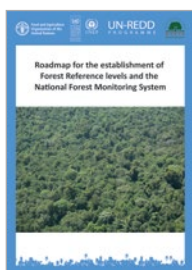


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Rome, 2018  
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## ROADMAP FOR THE ESTABLISHMENT OF FOREST REFERENCE LEVELS AND THE NATIONAL FOREST MONITORING SYSTEM

FAO, Kenya Forest Service, Nairobi, 2017  
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### FORESTS FOR SUSTAINABLE CITIES

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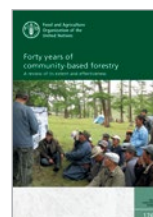
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### GUIDELINES ON URBAN AND PERI-URBAN FORESTRY

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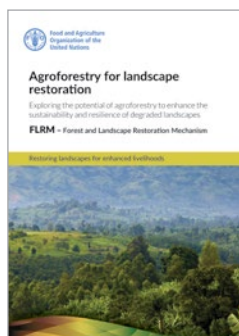
Rome, 2016, ISBN 978-92-5-109095-4  
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## FORESTRY FOR A LOW-CARBON FUTURE

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## AGROFORESTRY FOR LANDSCAPE RESTORATION

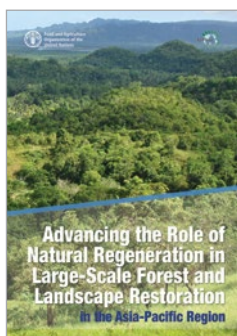
A demonstration of agroforestry's value for both restoration of degraded lands and improvement of livelihoods, notably by reducing soil erosion, increasing water availability and generating income.

Rome, 2017  
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This second edition address threats to the Mediterranean landscape, the importance of forests, drivers of degradation, landscape restoration, adaptation and mitigation, as well as policy frameworks and governance styles.

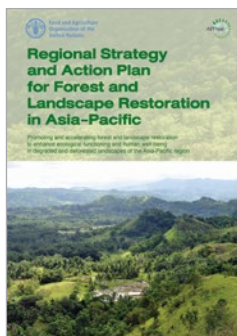
**FORTHCOMING 2018**



FAO, APFNet, Bangkok 2018  
ISBN 978-92-5-130144-9  
124 pp., 210 x 297 mm  
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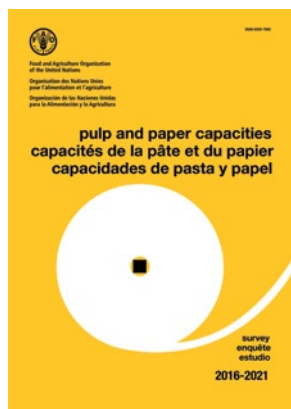
FAO, APFNet, Bangkok, 2018  
ISBN 978-92-5-130140-1  
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## REGIONAL STRATEGY AND ACTION PLAN FOR FOREST AND LANDSCAPE RESTORATION IN ASIA-PACIFIC

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## PULP AND PAPER CAPACITIES SURVEY 2016–2021

Annual FAO survey of world pulp and paper capacities, based on figures received from countries. It includes country tables for pulp and paper, grade tables for each product and product aggregate codes showing production capacity by country.

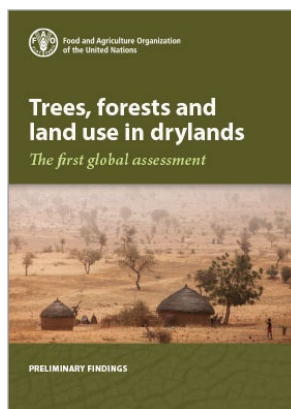


Rome, 2017  
ISBN 978-92-5-009846-3  
180 pp., 210 x 297 mm  
USD 50.00, Paperback  
Available in: English, French,  
Spanish (trilingual)



## GUIDELINES FOR APPLYING AND STRENGTHENING THE USE OF CRITERIA AND INDICATORS FOR SUSTAINABLE FOREST AND RANGELANDS MANAGEMENT IN THE NEAR EAST AND NORTH AFRICA

This documents provides guidance for forest and rangelands managers, researchers and other stakeholders to improve the adoption and usability of criteria and indicators in the Near East and North Africa region.



## TREES, FORESTS AND LAND USE IN DRYLANDS

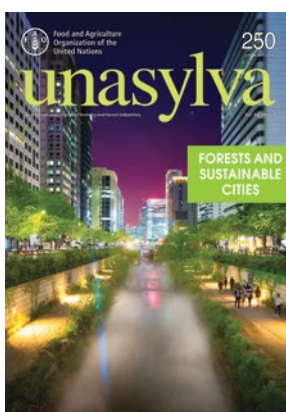
This publication presents the preliminary results of the first global assessment of trees, forests and land use in drylands.

Rome, 2016, ISBN 978-92-5-109326-9  
40 pp., 210 x 280 mm  
Price available on request, Paperback  
Available in: English, French

## TREES, FORESTS AND LAND USE IN DRYLANDS THE FIRST GLOBAL DRYLANDS ASSESSMENT: FULL REPORT FORTHCOMING 2018

Cairo, 2017  
72 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

First published in 1947, Unasylva is FAO's journal of forestry and forest industries. It brings globally significant developments in forestry to the attention of policy-makers, practitioners and researchers.

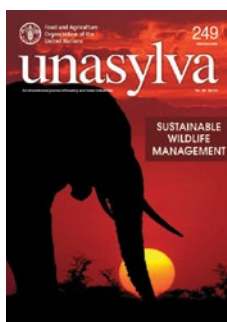


## FORESTS AND SUSTAINABLE CITIES

ISSUE 250

This issue is dedicated to urban and peri-urban forestry, its benefits, pitfalls, governance and challenges, including how forests can help cities meet global commitments on sustainable development, as well as their role in reducing disasters and as vehicles of culture and heritage.

Rome, 2018  
ISBN 978-92-5-130383-2  
88 pp., 210 x 297 mm  
USD 18.00, paperback  
Available in: English, French,  
Spanish (forthcoming)



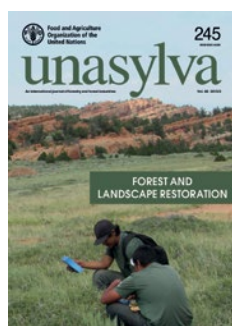
## SUSTAINABLE WILDLIFE MANAGEMENT

ISSUE 249

Wildlife management is the focus of considerable international debate, given its importance for biodiversity conservation, human safety, livelihoods and food security. This publication discusses topics such as trophy hunting, international wildlife trade and conservation. Among others, it provides examples of partnerships and hunting regulations to show that sustainable wildlife management is feasible in the modern era.

Rome, 2017, ISSN 0041-6436  
88 pp., 210 x 297 mm, USD 15.00  
Paperback, Available in: English, French, Spanish

# UNASYLVA JOURNAL



## FOREST AND LANDSCAPE RESTORATION

ISSUE 245

To succeed, restoration initiatives need to engage a range of stakeholders, from policy-makers to local communities and from governments to the private sector. This issue brings together case studies from different continents and biomes to map the progress made in forest and landscape restoration and the challenges that lie ahead. It covers approaches ranging from "close-to-nature" planted forests in China to Africa's Great Green Wall for the Sahara and the Sahel Initiative.

Rome, 2015  
ISSN 0041-6436  
116 pp., 210 × 297 mm  
USD 18.00, Paperback  
Available in: English,  
French, Spanish



## FORESTS IN THE CLIMATE CHANGE AGENDA

ISSUE 246

Where do forests and forestry stand today in international climate change negotiations? What exactly does it mean to reduce emissions from deforestation and forest degradation (REDD+)? What are the opportunities and risks for forests in today's changing climate and is there a clear path forward? The articles in this issue address these and other questions.

Rome, 2016  
ISSN 0041-6436  
72 pp., 210 × 297 mm  
USD 18.00, Paperback  
Available in: English,  
French, Spanish



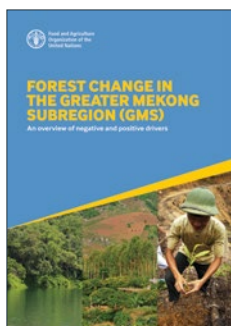
## XIV WORLD FORESTRY CONGRESS

ISSUE 247-248

This edition of Unasyuva presents some of the best contributions to the XIV World Forestry Congress, covering subjects from gender to value chains to tenure. It also provides an overview of the Congress's outcomes and the long-term vision that emerged, emphasizing the fundamental role of forests in the development agenda.

Rome, 2016  
ISSN 0041-6436  
100 pp., 210 × 297 mm  
USD 18.00, Paperback  
Available in: English, French, Spanish

## FORESTRY



### **FOREST CHANGE IN THE GREATER MEKONG SUBREGION (GMS)**

AN OVERVIEW OF NEGATIVE  
AND POSITIVE DRIVERS

An examination of the way that both negative drivers, such as agricultural expansion and infrastructure development, and positive drivers, such as forest planting programmes, are changing forests in the region.

Bangkok, 2017  
ISBN 978-92-5-109911-7  
76 pp., 240 x 175 mm  
USD 35.00  
Paperback  
Available in: English



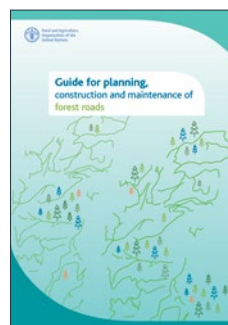
### **FOREST TENURE IN CAMBODIA, NEPAL AND VIET NAM**

This book describes approaches taken by governments in forest tenure policy reform to improve forest conditions and enhance livelihoods. It addresses challenges against effective reform, including climate change impacts and limited access to rights.

Bangkok, 2017  
ISBN 978-92-5-109877-6  
112 pp., 240 x 175 mm  
Price available upon request,  
Paperback  
Available in: English

### **GUIDE FOR PLANNING, CONSTRUCTION AND MAINTENANCE OF FOREST ROADS**

This guide explains different forest maintenance regimes (preventive and on-demand maintenance) and activities, and gives advice on forest road construction, such as minimizing the area used for building to reduce environmental impact.



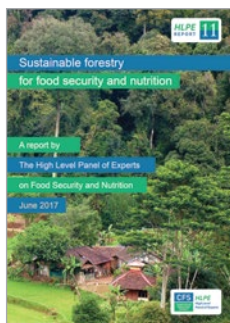
Rome, 2017  
ISBN 978-92-5-109710-6  
64 pp., 210 x 297 mm  
Price available upon request, Paperback  
Also available in e-book format  
Available in: Albanian, English, Serbian



Rome, 2017  
42 pp., 210 x 297 mm  
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Available in: English

## POTENTIAL IMPLICATIONS OF CORPORATE ZERO-NET DEFORESTATION COMMITMENTS FOR THE FOREST INDUSTRY

An overview of corporate zero-deforestation commitments and their implications. A growing number of private companies are voluntarily committing to eliminating deforestation from supply chains, often as part of corporate social responsibility policies.



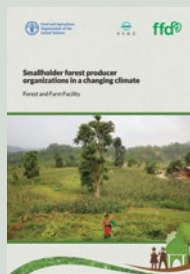
Rome, 2017  
140 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: Arabic, Chinese, English, French, Russian, Spanish

## SUSTAINABLE FORESTRY FOR FOOD SECURITY AND NUTRITION. A REPORT BY THE HIGH LEVEL PANEL OF EXPERTS ON FOOD SECURITY AND NUTRITION OF THE COMMITTEE ON WORLD FOOD SECURITY

JUNE 2017

Forests and trees support food security and nutrition by providing food, energy, income and employment, and ecosystem services. This report calls for integrated and sustainable forest management and stronger intersectoral governance.

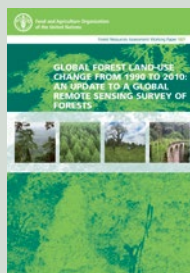
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Rome 2017  
24 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

## THE ROLE OF FOREST SMALLHOLDERS AND THEIR ORGANIZATIONS IN A CHANGING CLIMATE

A review of the ways in which forest producer organizations in developing countries contribute to climate change mitigation and adaptation, including through forest conservation, sustainable biofuel production and capacity building.



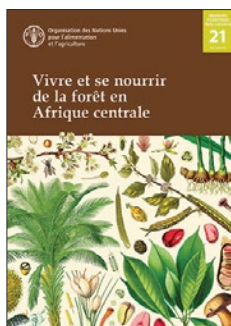
## GLOBAL FOREST LAND-USE CHANGE FROM 1990 TO 2010

AN UPDATE TO A GLOBAL REMOTE SENSING SURVEY OF FORESTS

An update on the extent of forest-land and changes in forest land use for the time period 1990–2010, taking into account fresh analysis and satellite imagery for sites previously lacking data.

Rome, 2017  
12 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

## FORESTRY



### LIVING IN AND FROM THE FORESTS OF CENTRAL AFRICA

Since time immemorial, non-wood forest products (NWFPs) such as fruits, seeds, roots, nuts and fungi, have played an important role in the diets and health of people living in and outside forests, in both rural and urban areas. This publication collects knowledge on NWFPs and communities in the forests of the Congo Basin, highlighting the importance of such products for food security and nutrition.

Rome, 2016  
ISBN 978-92-5-109489-1  
254 pp., 210 x 297 mm  
Price available on request, Paperback  
Available in: English, French

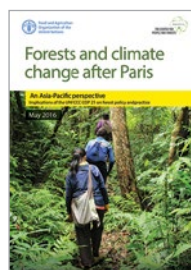
### HOW EXISTING LEGAL FRAMEWORKS SHAPE FOREST CONVERSION TO AGRICULTURE

A STUDY OF THE CONGO BASIN

Forest lands are under pressure from growing demand for agricultural products. This study provides legal tools to promote agricultural extension in forest areas while protecting communities' access to land, via National Land Use Plans and harmonized allocation processes



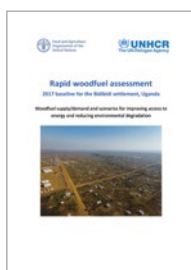
Rome, 2017  
ISBN 978-92-5-109973-5  
24 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### STATE OF THE FOREST SECTOR IN THE CENTRAL AFRICAN REPUBLIC (2016)

This report provides high-level information on the state of the timber sector in the Central African Republic, in line with the Government's commitment to transparency and the Voluntary Partnership Agreement with the European Union.

FAO, CIFOR, Bogor Barat, Rome, 2018  
24 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, French

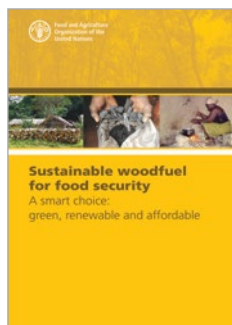


### RAPID WOODFUEL ASSESSMENT

2017 BASELINE FOR BIDIBIDI REFUGEE SETTLEMENT, UGANDA

Using remote sensing analysis, this publication provides data on woodfuel use and consumption. Noting that tree felling and woodfuel demand have increased pressure on the environment, it identifies opportunities to improve energy access, cookstoves and afforestation initiatives.

FAO, UNHCR, New York, Rome, 2017  
ISBN 978-92-5-109947-6, 54 pp., 210 x 297 mm  
Price available upon request, Paperback, Available in: English



## **SUSTAINABLE WOODFUEL FOR FOOD SECURITY – A SMART CHOICE**

GREEN, RENEWABLE AND  
AFFORDABLE

This publication explores the link between sustainable woodfuel and food security (e.g. woodfuel trade can offer direct cash for purchasing food), and examines opportunities for strengthening these links, including through forest management reforms.

Rome, 2017  
ISBN 978-92-5-109962-9  
40 pp., 210 x 297 mm  
USD 37.00  
Paperback  
Available in: English



## **15 YEARS OF MOUNTAIN PARTNERSHIP**

Over 15 years, the Mountain Partnership has kept mountains in the spotlight, mounted advocacy campaigns that led to the inclusion of mountain-related targets in the Sustainable Development Goals, created a label for quality mountain products, and much more.

Rome, 2018  
44 pp., 148 x 210 mm  
Price available upon  
request, Paperback  
Available in: English

## **HOW TO MAINSTREAM GENDER IN FORESTRY**

A PRACTICAL FIELD GUIDE

This gender-mainstreaming guide has been designed to assist FAO technical officers, in particular officers working in forestry, to develop actions in forestry-related projects and programmes at headquarters and in all regions. An example of such an action would be to involve local women's organizations as key stakeholders during the formation of a project or programme. This would allow the scope and focus of desired outcomes to be more representative of the women's needs and ensure the pursuit of gender-equality objectives.

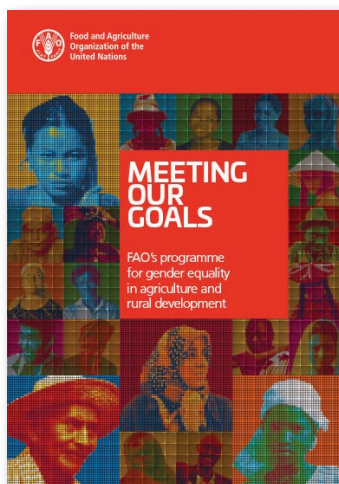


Rome, 2016  
12 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



**Informing policy and practices to ensure equitable agriculture and rural development for women and men.**

## GENDER



Rome, 2016  
ISBN 978-92-5-109564-5

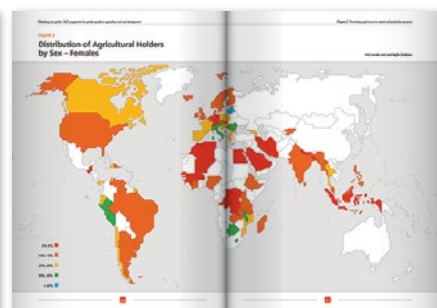
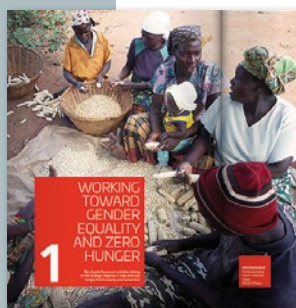
76 pp., 210 x 297 mm

Price available on request, Paperback  
Available in: English, French, Spanish  
(forthcoming in Arabic, Chinese, Russian)

## MEETING OUR GOALS

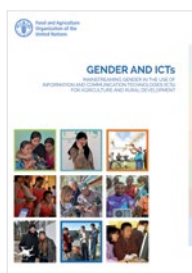
FAO'S PROGRAMME FOR GENDER EQUALITY IN AGRICULTURE AND RURAL DEVELOPMENT

This publication illustrates FAO's consistent and sustained work towards gender equality and women's empowerment, which are at the core of the Organization's work to eliminate hunger and rural poverty. Each chapter highlights the relevance of gender work to achieving the FAO Strategic Objectives, describing the main results achieved and showcasing the activities implemented at country and international level. Stories from the field demonstrate the impact of FAO's work, highlighting successes and significant insights gained.



### TANZANIA

A technician of the Sekoine Agriculture University working in the laboratory.  
©FAO/Giuseppe Bizzarri



## MAINSTREAMING GENDER IN THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTs) FOR AGRICULTURE AND RURAL DEVELOPMENT

Rural women face a triple divide: digital, rural and gender. This publication examines the challenges rural communities have to overcome to take full and equal advantage of information and communication technologies.

Rome, 2018  
ISBN 978-92-5-130367-2  
88 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

**E-AGRICULTURE IN ACTION  
(2017)**

SEE PAGE 91

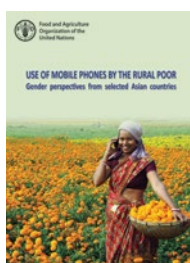


## SUCCESS STORIES ON INFORMATION AND COMMUNICATION TECHNOLOGIES FOR AGRICULTURE AND RURAL DEVELOPMENT

(SECOND EDITION)

ICTs can transform lives and improve livelihoods in agriculture by helping to secure savings, find affordable insurance and tools to manage risk, increase access to financial services, and provide business opportunities.

Rome, 2017, ISBN 978-92-5-109603-1  
108 pp., 210 x 297 mm, Price available upon request, Paperback  
Available in: English

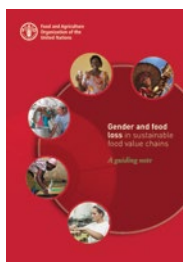


## USE OF MOBILE PHONES BY THE RURAL POOR

GENDER PERSPECTIVES FROM SELECTED ASIAN  
COUNTRIES

The digital gender divide inhibits rural development. Given the large rural population in developing Asia, a nuanced understanding of mobile phone use and access could sharpen the design of relevant policies.

FAO, IDRC, IIRNEasia, Rome, 2016  
ISBN 978-92-5-109145-6  
68 pp., 210 x 297 mm, Price available upon request,  
Paperback, Available in: English

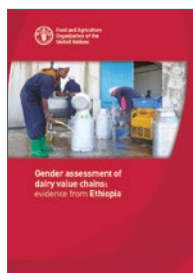


## GENDER AND FOOD LOSS IN SUSTAINABLE FOOD VALUE CHAINS

A GUIDING NOTE

This guidance note focuses on the nexus between gender equality and food loss. Its approach to integrating gender concerns into food loss responses consists of value-chain mapping, identification of constraints and solutions, and social risk assessment.

Rome, 2018  
ISBN 978-92-5-130346-7  
56 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## GENDER ASSESSMENT OF DAIRY VALUE CHAINS

EVIDENCE FROM ETHIOPIA

The present study is a gender assessment of the dairy value chain in selected sites in Ethiopia. It relies on evidence gathered through fieldwork, as well as a review of background documentation. The findings confirm women's empowerment as vital for sustainable dairy value chain development and show that projects supporting dairy production must become more gender inclusive. The study provides country-specific recommendations in addition to general ones on developing gender-sensitive dairy value chains.

Rome, 2017  
ISBN 978-92-5-109591-1  
80 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## RUNNING OUT OF TIME

THE REDUCTION OF WOMEN'S WORK BURDEN IN AGRICULTURAL PRODUCTION

This publication discusses rural women's time poverty in agriculture, elaborates on its possible causes and implications, and provides insight into the constraints affecting the adoption of solutions for reducing the work burden.

Rome, 2015  
ISBN 978-92-5-108810-4  
44 pp., 210 x 297 mm  
Price available on request,  
Paperback  
Available in: English



## GENDER, RURAL LIVELIHOODS AND FORESTRY

Pristina, 2017  
ISBN 978-92-5-109797-7  
80 pp., 176 x 250 mm  
Price available upon request,  
Paperback, Available in: Albanian,  
English, Serbian



## TOWARDS GENDER-EQUITABLE SMALL-SCALE FISHERIES GOVERNANCE AND DEVELOPMENT

Rome, 2017  
ISBN 978-92-5-109796-0  
172 pp., 176 x 250 mm  
Price available upon request,  
Paperback, Available in: English,  
French (forthcoming)



## DEVELOPING CAPACITIES IN GENDER-SENSITIVE RURAL ADVISORY SERVICES

A TRAINING FOR TRAINERS MANUAL

Rome, 2017  
ISBN 978-92-5-109816-5  
112 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

## GOVERNING LAND FOR WOMEN AND MEN

SEE PAGE 123

## EMPOWERING RURAL WOMEN THROUGH SOCIAL PROTECTION

SEE PAGE 132



## HOW CAN WE PROTECT MEN, WOMEN AND CHILDREN FROM GENDER-BASED VIOLENCE?

ADDRESSING GBV IN THE FOOD SECURITY AND AGRICULTURE SECTOR

This guide points out the links between gender-based violence, poverty and food security. It identifies best practices, such as the Dimitra Clubs in several African countries, and provides guidance on designing gender-sensitive food security and nutrition programmes.

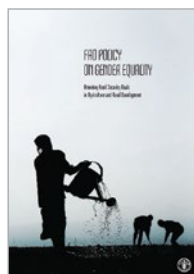
Rome, 2018  
ISBN 978-92-5-109964-3  
80 pp., 210 x 297 mm

Price available upon request, Paperback  
Available in: English



## DEVELOPING GENDER-SENSITIVE VALUE CHAINS

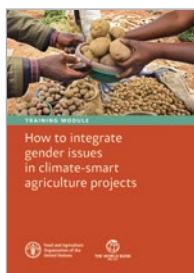
Rome, 2016  
ISBN 978-92-5-109546-1  
52 pp., 176 x 250 mm  
Price available on request, Paperback  
Available in: English, French



## FAO POLICY ON GENDER EQUALITY

Gender equality is central to FAO's mandate to achieve food security for all, by raising levels of nutrition, improving agricultural productivity and natural resource management, and improving the lives of rural populations. FAO can meet its goals only if it simultaneously works towards gender equality and supports women's diverse roles in agriculture and rural development. The purpose of this policy document is to provide FAO with a framework for guiding its efforts to achieve gender equality in all its technical work.

Rome, 2013  
ISBN 978-92-5-107490-9  
32 pp., 210 x 297 mm  
USD 15.00  
Paperback  
Available in: English,  
French, Spanish



## TRAINING MODULE

HOW TO INTEGRATE GENDER ISSUES IN CLIMATE-SMART AGRICULTURE PROJECTS

A training module for organizing a workshop, this publication analyses key climate change and gender concepts and provides recommendations for gender mainstreaming, such as increasing women's access to education or raising gender awareness.

FAO, The World Bank,  
Rome, 2017  
ISBN 978-92-5-109409-9  
72 pp., 210 x 297 mm  
Price available upon  
request, Paperback  
Available in: English

## STRENGTHENING SECTOR POLICIES FOR BETTER FOOD SECURITY AND NUTRITION RESULTS – GENDER EQUALITY

SEE PAGE 142

## IMPROVING GENDER EQUALITY IN TERRITORIAL ISSUES

FORTHCOMING 2018

## THEMES

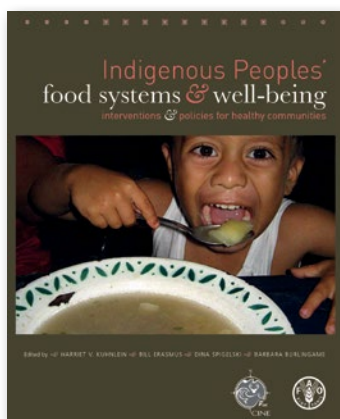


**Ensuring that indigenous voices and concerns are part of the agricultural development agenda.**

## INDIGENOUS PEOPLES

## INDIGENOUS PEOPLES' FOOD SYSTEMS & WELL-BEING

INTERVENTIONS AND POLICIES FOR HEALTHY COMMUNITIES



Rome, 2013  
ISBN 978-92-5-107433-6  
436 pp., 205 x 250 mm  
USD 86.00, Paperback  
Available in: English

This is the third book in a series promoting the use of local food systems by indigenous peoples. It presents findings from more than 40 interdisciplinary collaborators who created health promotion interventions for communities using local food systems. It describes participatory processes using local knowledge and activities specifically for local food. It also provides global overviews of indigenous peoples' health circumstances, environmental concerns, and infant and child feeding practices; and presents nine case examples from Canada, Colombia, the Federated States of Micronesia, India, Japan, Peru and Thailand.



### VIET NAM

Muong ethnic farmer women attending a field lecture on the IPM-BUCAP Project.  
©FAO/Hoang Dinh Nam

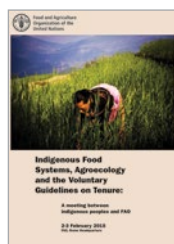


## FREE PRIOR AND INFORMED CONSENT

AN INDIGENOUS PEOPLES' RIGHT AND A GOOD PRACTICE FOR LOCAL COMMUNITIES

This manual is designed as a tool for project practitioners from any development organization. It provides information about the right to Free, Prior and Informed Consent (FPIC) and how this can be implemented in six steps. It will enable field practitioners to incorporate FPIC into the design and implementation of projects and programmes, ensuring that indigenous peoples' rights are duly respected. FPIC can be considered a 'gold standard' as it allows for the highest form of participation of local stakeholders in development projects.

ACF, Actionaid, FAO, IFRC & WVI  
Rome, 2016, 52 pp., 210 x 297 mm  
Price available on request, Paperback  
Available in: Arabic, English, French, Russian, Spanish (forthcoming Chinese)

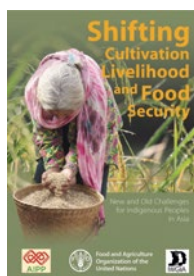


Rome, 2015  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

## INDIGENOUS FOOD SYSTEMS, AGROECOLOGY AND THE VOLUNTARY GUIDELINES ON TENURE

A MEETING BETWEEN INDIGENOUS PEOPLES AND FAO

This report sums up all the key recommendations at regional, national at global level, set during the meeting, including facilitating participation of indigenous peoples in decision-making processes, as well as dialogue with the private sector.



## SHIFTING CULTIVATION, LIVELIHOOD AND FOOD SECURITY

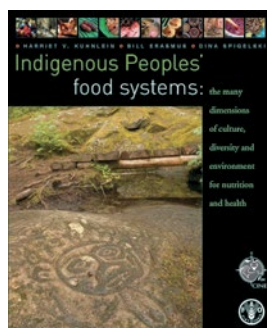
NEW AND OLD CHALLENGES FOR INDIGENOUS PEOPLES IN ASIA

AIPP, FAO & IWGIA, Bangkok, 2015  
ISBN 978-92-5-108761-9  
432 pp., 210 x 297 mm  
Price available on request  
Paperback  
Available in: English



## FAO POLICY ON INDIGENOUS AND TRIBAL PEOPLES

Rome, 2015  
ISBN 978-92-5-108738-1  
40 pp., 210 x 300 mm  
Price available on request, Paperback  
Available in: English, French, Russian, Spanish



## INDIGENOUS PEOPLES' FOOD SYSTEMS

THE MANY DIMENSIONS OF CULTURE, DIVERSITY AND ENVIRONMENT FOR NUTRITION AND HEALTH

This book describes the diversity in food system use, nutrition and health in 12 case studies of indigenous peoples in Canada, Colombia, the Federated States of Micronesia, India, Japan, Kenya, Nigeria, Peru and Thailand.

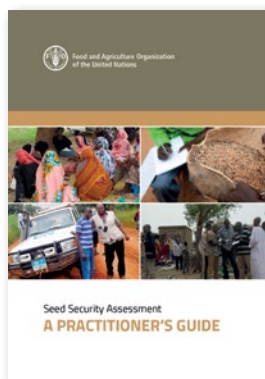
Rome, 2009,  
ISBN 978-92-5-106071-1  
380 pp., 205 x 250 mm  
USD 89.00, Paperback  
Available in: English



**Guidelines, policy and technical knowledge to inform sustainable crop production, plant breeding, seed sector development, conservation and use of plant genetic resources, pest management and more.**

## PLANT PRODUCTION AND HEALTH

Rome, 2016  
ISBN 978-92-5-109179-1  
72 pp., 210 × 297 mm  
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A PRACTITIONER'S GUIDE

Sufficient access to healthy and preferred crop seeds is crucial for millions of households in the developing world. When good-quality seed is scarce, rural farming families struggle to survive and may be forced into unsustainable coping strategies to meet food and income needs. Achieving and maintaining seed security is therefore an important goal. This book provides practical guidance on the theory, technical knowledge, procedures and good practices necessary for implementing a seed security assessment. It is an important reference and refresher for anyone seeking practical information on this topic.



## SEED SECURITY ASSESSMENT

LESOTHO 2016

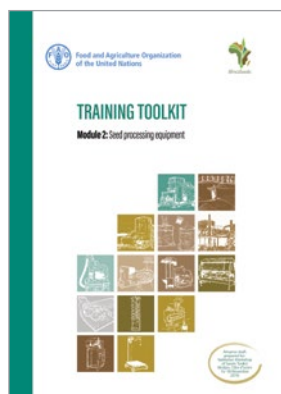
In response to the drought effects related to the El Niño phenomena, FAO conducted a seed security assessment in the four agro-ecological zones of Lesotho in April-May 2016.

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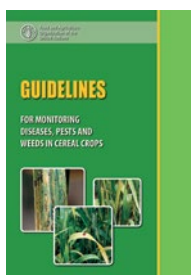
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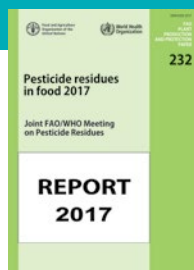
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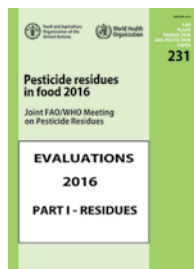
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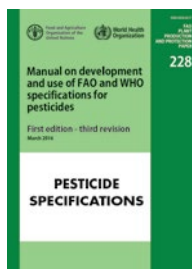
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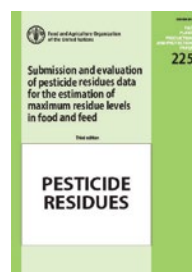
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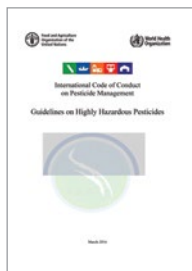


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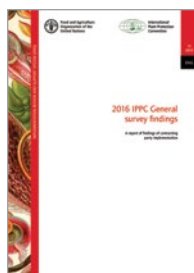
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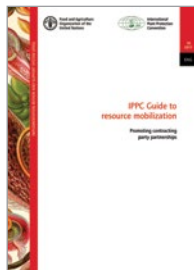
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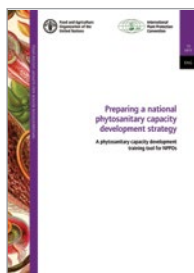


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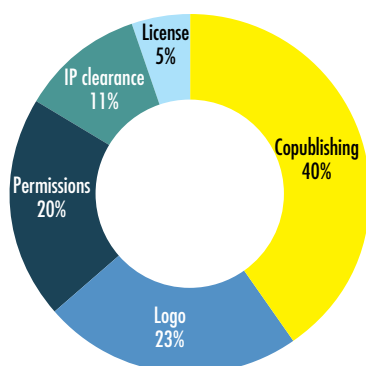
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## **FOOD and AGRICULTURE** in the **2030 AGENDA**

The 17 Sustainable Development Goals (SDGs) of the 2030 Agenda for Sustainable Development are a set of global priorities adopted by countries in September 2015 to end poverty and hunger, sustain the planet's natural resources and ensure prosperity for all. Food and agriculture cut across all the SDGs and lie at the very heart of the 2030 Agenda. With an integrated approach aimed at tackling the root causes of poverty and hunger, sustainable management of natural resources and leaving no one behind, the strategic work of FAO is broadly aligned with the SDGs. The Organization's wide range of technical expertise, experience working with development partners and skills in the three dimensions of sustainable development (social, economic and environmental) qualify it as a valuable ally for countries in implementing and monitoring the SDGs. To learn more, consult our webpage on the work of FAO in the SDGs, which is continuously updated with all the latest developments in relation to food and agriculture in the 2030 Agenda.

# STRATEGIC WORK OF FAO

FAO's publishing activities are driven by the priorities defined in its Strategic Framework, addressing key global challenges. The five Strategic Objectives at the heart of FAO's work are explored in this set of brochures.



### **HELP ELIMINATE HUNGER AND MALNUTRITION**

FAO supports countries in developing and implementing cross-sectoral policy responses to eradicate hunger, food insecurity and malnutrition in all its forms, establishing inclusive governance mechanisms to ensure coherence across programmes and building capacities for better decision-making.



### **SUSTAINABLE FOOD AND AGRICULTURE**

The vision of FAO is of a world where food is nutritious and accessible for everyone and where natural resources are managed to maintain ecosystem functions and support human needs. FAO helps countries to align their policies with the 2030 Agenda and promotes the transition to sustainable and climate-resilient agricultural practices.



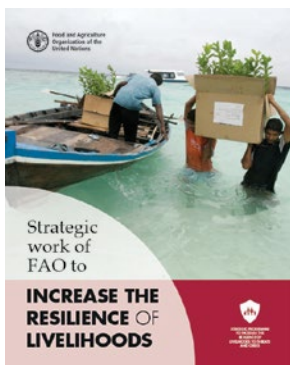
## REDUCE RURAL POVERTY

Poverty is one of the greatest obstacles to human development and economic growth. Recognizing the diverse spectrum of poor rural households, FAO proposes a broad approach with differentiated strategies to help the rural poor move from low levels of labour status and productivity towards improved employment conditions.



## INCLUSIVE AND EFFICIENT FOOD SYSTEMS

FAO assists countries to access global markets and meet international standards for food safety. It helps governments improve investments in agricultural and food systems, strengthen the technical capacity of stakeholders along the agrifood value chain and enhance the sustainability, efficiency and inclusiveness of these chains.



## INCREASE THE RESILIENCE OF LIVELIHOODS

FAO builds national and local capacities to reduce the risks and impacts of natural and climate hazards, food chain threats, conflicts and protracted crises and enhance the resilience of agricultural livelihoods. Its work is centred around three main types of shock: natural hazards, food chain crises, and violent conflicts and protracted crises.

The five key priorities or Strategic Objectives of FAO represent the main areas of our work to support countries in sustainably achieving a world without hunger, malnutrition and poverty.



**Help eliminate hunger, food insecurity and malnutrition**



**Make agriculture, forestry and fisheries more productive and sustainable**



**Reduce rural poverty**



**Enable inclusive and efficient agricultural and food systems**



**Increase the resilience of livelihoods to threats and crises**

We are committed to supporting countries in implementing the 2030 Agenda.

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