



FAO
PUBLICATIONS
.....
2012

Food and Agriculture
Organization of
the United Nations



FAO Statistical yearbook 2012

The foremost collection
of statistical data
on world food and
agriculture in a new,
highly visual format.

Reliable, accessible data on 34 key dimensions of food and agriculture grouped in four categories:

- **The setting** measures the state of the agricultural resource base, assessing the supply of land, labour, capital, inputs and the state of infrastructure.
- **Hunger dimensions** gauges the state of food insecurity and malnutrition.
- **Feeding the world** evaluates the past and present capacity of world agriculture.
- **Sustainability dimensions** examines the interaction of agriculture and the environment, including pollution and climate change.

The FAO Statistical yearbook 2012 is a unique reference point on the state of world food and agriculture for policy-makers, donor agencies, researchers and analysts as well as the general public.

FAO, Rome, 2012
ISBN: 9789251070840
ISSN: 2225-7373
366 pp., 210 x 297 mm
USD 125.00, Paperback
Available in English
Rights available in all
languages except: English



FAO Statistical pocketbook 2012

The perfect companion to
the Statistical yearbook.

In pocket format, the FAO Statistical pocketbook 2012 is a highly accessible reference on the state of world food and agriculture, providing a visual synthesis of the key trends and factors shaping the global food and agricultural landscape, and comprehensive country profiles.

FAO, Rome, 2012
ISBN: 9789251070833
ISSN: 2225-7381
274 pp., 110 x 170 mm
USD 50.00, Paperback
Available in English
Rights available in all languages
except: English

FAO PUBLICATIONS 2012

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FAO For a world without hunger



Photos: © FAO

Today there are 1.3 billion people living in extreme poverty, and close to 900 million chronically undernourished. An additional 1 billion suffer from “hidden hunger”, a lack of vitamins and minerals. Undernourishment in children prevents them from ever reaching their full physical and cognitive potential, costing lives, livelihoods and economic growth. The challenge is to raise global food production by 60 percent by 2050 while managing the natural resource base for the benefit of future generations.

The recent international conferences, most notably Rio+20, held in Rio de Janeiro, Brazil, in June 2012, and the G20 under the presidency of the Government of Mexico, have further raised the position of food security and sustainable agricultural development on the international agenda.

If political will is one cardinal requirement for eliminating world hunger, the knowledge of how to proceed is another. Poor people worldwide require assistance and, above all, knowledge, to access the food they need in the short term, and to escape the poverty trap for good.

The role of FAO publishing

As a knowledge organization, FAO creates and shares critical information about food, agriculture and natural resources in the form of global public goods. But this is not a one-way flow. FAO plays a connector role, identifying and working with different partners with established expertise, and facilitating a dialogue between those who have the knowledge and those who need it.

The lead UN agency for agricultural and rural development, FAO publishes print and electronic publications covering all fields of food and nutrition, agriculture, forestry, fisheries, the environment, and related aspects of economic and social development. Collectively, FAO publications represent the consolidated knowledge that the Organization makes available to all those who embrace the goal of a world free from hunger. Individually, they offer invaluable information and analysis on the actions that need to be undertaken to attain sector-specific objectives and thereby contribute to achievement of the overall goal.

FAO publishes in the six official UN languages (English, French, Spanish, Arabic, Chinese and Russian), supports publishing of its titles in other languages and engages in copublishing projects worldwide.

This catalogue contains a selection of recently published titles, providing an overview of their wide subject coverage as well as the various languages in which they are available.

The prices in this catalogue are expressed in US dollars and do not include shipping costs. FAO reserves the right to change prices without prior notice.

Stephen A. Dembner
Chief of Publishing, FAO

FAO's flagship publications

present comprehensive and objective information and analysis on the current global state of food and agriculture, fisheries and aquaculture, forests, land and water, agricultural commodity markets and hunger. These titles are issued regularly, to inform public debate and policy at national and international levels.

The State of Food and Agriculture (SOFA),

FAO's major annual publication, provides balanced science-based assessments of important issues in the field of food and agriculture for a wide audience. Each edition of the report contains a comprehensive, yet accessible, overview of a key topic for rural and agricultural development and for global food security. This is complemented by an overview of the current global agricultural situation.

The 2012 edition of SOFA makes the case that investing in agriculture is essential for reducing hunger and promoting sustainable agricultural production.

See full catalogue listing on **page 22**

The State of World Fisheries and Aquaculture (SOFIA)

provides policy-makers, civil society and those whose livelihoods depend on the sector with a comprehensive, objective and global view of capture fisheries and aquaculture, including associated policy issues.

The 2012 edition of SOFIA highlights the vital role of fisheries and aquaculture in both food and nutrition security as well as economic expansion.

See full catalogue listing on **page 27**

State of the World's Forests (SOFO)

reports on the status of forests, recent major policy and institutional developments and key issues concerning the forest sector. It makes reliable and policy-relevant information widely available to inform discussion and decision-making concerning the world's forests.

The 2012 edition of SOFO focuses on the critical role of forests in sustainable production and consumption systems.

See full catalogue listing on **page 50**



The State of Land and Water Resources (SOLAW)

FAO's newest flagship, focuses on the global status of land and water resources, namely: the quantity and quality of these resources; and their rate of use and sustainable management in the context of relevant socio-economic factors, including food security and climate change.

SOLAW 2012 is the first global, baseline status report on land and water resources.

See full catalogue listing on **page 53**

The State of Agricultural Commodity Markets (SOCO)

presents commodity market issues in an objective, transparent and accessible way for policy-makers, commodity market observers and all those interested in commodity market developments and their impact on developing countries. SOCO raises awareness of the impact of commodity market developments on livelihoods and food security, as well as on the economies of countries that depend on commodities for a substantial portion of their export earnings.

The 2012 issue of SOCO argues that effective solutions to enhance productivity in smallholder agriculture require a greater recognition of smallholder heterogeneity in respect to markets.

See full catalogue listing on **page 23**

The State of Food Insecurity in the World (SOFI)

raises awareness about global hunger issues, discusses underlying causes of hunger and malnutrition and monitors progress towards hunger reduction targets established at the 1996 World Food Summit and the Millennium Summit. The publication targets a wide audience, including policy-makers, international organizations, academic institutions and the general public with an interest in the linkages between food security and human and economic development.

The 2012 edition focuses on the importance of economic growth in overcoming poverty, hunger and malnutrition.

See full catalogue listing on **page 23**



Key
title

Save and grow

A policymaker's guide to sustainable intensification of smallholder crop production

In many countries, decades of intensive cropping have degraded fertile land and depleted groundwater, provoked pest upsurges, eroded biodiversity, and polluted air, soil and water. The present paradigm of intensive crop production cannot meet the challenges of the new millennium. In order to grow, agriculture must learn to save. This book presents a new paradigm: sustainable crop production intensification (SCPI), which produces more from the same area of land while conserving resources, reducing negative impacts on the environment and enhancing natural capital and the flow of ecosystem services.

FAO, Rome, 2011
ISBN: 9789251068717
112 pp., 176 x 250 mm
USD 45.00, Paperback

Available in English, French, Spanish, Arabic, Chinese

- **Rights available in all languages**
except: English, French, Spanish, Arabic, Chinese, Farsi



Investments in agricultural mechanization in Africa

Conclusions and recommendations of a Round Table Meeting of Experts (+ CD-ROM)

One of the keys to successful agricultural development in Asia and Latin America has been mechanization. By contrast, the use of tractors in sub-Saharan Africa (SSA) has actually declined over the past 40 years and, compared with other world regions, their use in SSA today remains very limited. In order to redress the situation, FAO, UNIDO and many African experts are convinced that support is urgently needed for renewed investment in mechanization. This report summarizes the deliberations of the Round Table Meeting of Experts with the intention of providing guidance on the key strategies and good practices for maximizing the benefits and sustainability of investments in agricultural mechanization in Africa.

By: Ashburner, J.E., Kienzle, J.
Agricultural and Food
Engineering Technical Report
No. 8
FAO, Rome, 2011
ISBN: 9789251068205
ISSN: 1814-1137
92 pp., 210 x 297 mm
USD 25.00, Paperback

Available in English

- **Rights available in all languages**
except: English



Innovative policies and institutions to support agro-industries development

Agro-industries are an important source of employment and income generation worldwide, occupying a dominant position in the manufacturing sector of the economy and representing a significant demand driver of agricultural products. As part of its mandate to lead international efforts in achieving food security for the world's growing population, FAO promotes the development of agro-industries through its technical programmes, including activities in the areas of policy advice, capacity building, advocacy, awareness raising, investment promotion, and resource mobilization.

By: da Silva, C.A., Mhlanga, N.
FAO, Rome, 2011
ISBN: 9789251070369
406 pp., 176 x 250 mm
USD 60.00, Paperback

Available in English

- **Rights available in all languages**
except: English



Fruit products for profit

Growing fruit trees as an enterprise requires only a very small plot of land, commonly a home garden, some labour and minimal capital, but it can provide a plethora of products such as fresh fruits, jams, chutneys and pickles. By-products can be used for fermented products such as fruit wines, fruit waste can be used for animal feed, while fruit seeds and nuts can be pressed for oil. Encouraging and promoting fruit trees as a viable enterprise to small-scale farmers can only but enhance livelihoods. It is hoped that policy-makers and development personnel recognize the numerous opportunities that producing and marketing fruit can bring to small-scale farmers.

By: Clarke, C., Schreckenberg, K., Haq, N.N.

FAO Diversification Booklet
No. 16

FAO, Rome, 2011
ISBN: 9789251070697
ISSN: 1810-0775
92 pp., 148 x 210 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Health and wealth from medicinal aromatic plants

The aim of this booklet is to raise awareness – among people and organizations that provide advisory, business and technical support services to resource poor small-scale farmers and local communities in low- and middle-income countries – about the potential opportunities associated with Medical Aromatic Plant (MAP) activities. It provides advice as to how the right support and services can help promote MAPs trade as both a sustainable and successful livelihood option.

By: Marshall, E.
FAO Diversification Booklet
No. 17
FAO, Rome, 2011
ISBN: 9789251070703
ISSN: 1810-0775
80 pp., 148 x 210 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Selling street and snack foods

This booklet is intended to create awareness and promote street and snack foods as a diversification enterprise for small-scale farmers. It looks at the advantages, benefits and income-earning potential of such an enterprise, as well as considering the positive spillover effects it can have on communities and others involved in the agrifood supply chain. The booklet is intended for public and private advisory institutions that provide support to local communities and in particular to small-scale farmers.

By: Fellows, P., Hilmi, M.
FAO Diversification Booklet
No. 18
FAO, Rome, 2011
ISBN: 9789251070710
ISSN: 1810-0775
100 pp., 148 x 210 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Hire services by farmers for farmers

Hire services have the potential of providing improved livelihoods to small-scale farmers the world over. These services can reduce drudgery, expand or intensify crop production, contributing to food security; reduce production, post-harvest and marketing costs; and increase smallholder incomes. This booklet is intended to raise awareness and promote hire services as a viable smallholder enterprise among policy-makers, development specialists and others involved in development programmes.

By: Sims, B., Roettger, A., Mkomwa, S.
 FAO Diversification Booklet
 No. 19
 FAO, Rome, 2011
 ISBN: 9789251070727
 ISSN: 1810-0775
 92 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Spices and herbs for home and market

The aim of this booklet is to raise awareness – among people and organizations that provide advisory, business and technical support services to resource poor small scale farmers and local communities in low- and middle-income countries – about the potential opportunities associated with diversification into spices and herbs. It looks at practical ways in which small-scale farmers can improve the fertility of their soils, and help protect them from erosion. It also provides advice as to how the right support and services can help promote spice and herb production as both a sustainable and successful diversification option.

By: Matthews, M., Jack, M.
 FAO Diversification Booklet
 No. 20
 FAO, Rome, 2011
 ISBN: 9789251070734
 ISSN: 1810-0775
 80 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Traditional fermented food and beverages for improved livelihoods

Small-scale on-farm fermentation enterprises are important both for stimulating sustainable development in rural and peri-urban areas of countries, and for making food available to the increasing populations in urban areas. This booklet is intended to heighten awareness about the potential of fermented foods and beverages as a viable enterprise that can contribute to small-scale farmers' income. It provides information to decision-makers at policy level and those involved in development programmes about opportunities, markets and technical support required for such a diversification enterprise.

By: Marshall, E., Mejia, D.
 FAO Diversification Booklet
 No. 21
 FAO, Rome, 2011
 ISBN: 9789251070741
 ISSN: 1810-0775
 88 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Beekeeping and sustainable livelihoods

Second edition

Bees produce numerous products, the most popular being honey, as well as beeswax. Importantly bees provide for pollination services that not only ensure a good harvest, with increased yields, but quality of the harvested produce. This booklet is intended to raise awareness and promote beekeeping, among people and organizations involved in supporting small-scale farming, as a successful diversification enterprise that small-scale farmers in rural, peri-urban and urban centres can integrate into their farming systems easily.

By: Hilmi, M., Bradbear, N., Mejia, D.
 FAO Diversification Booklet
 No. 1
 FAO, Rome, 2011
 ISBN: 9789251070628
 ISSN: 1810-0775
 84 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Livelihoods grow in gardens

Second edition

Gardens have been kept by rural and urban people for millennia, thus providing them with food, income and concrete opportunities to improve their livelihoods. Policy-makers, donors and other development specialists need to realize the great potential and opportunities that gardens can provide to people the world over. The intent of this booklet is to raise awareness and provide information on gardens and how these can effectively and efficiently contribute to sustainable livelihoods.

By: Landon-Lane, C.
 FAO Diversification Booklet
 No. 2
 FAO, Rome, 2011
 ISBN: 9789251070635
 ISSN: 1810-0775
 88 pp., 148 x 210 mm
 UD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Value from village processing

Second edition

This booklet is intended to create awareness among advisers, government officials, community leaders and development agency staff on the opportunities and benefits that primary processing can bring to small-scale farmers. The booklet addresses the actions that can be taken by policy-makers and programme managers in government and non-governmental organizations to create enabling environments for smallholder farmers to diversify into primary processing.

By: Fellows, P.
 FAO Diversification Booklet
 No. 4
 FAO, Rome, 2011
 ISBN: 9789251070659
 ISSN: 1810-0775
 112 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Processing for prosperity

Second edition

Small-scale food processing can create diversified incomes and employment for farmers in rural villages and brings many different benefits to communities. The booklet is focused on promoting processing enterprises as a successful diversification enterprise for small-scale farmers. It is intended for advisers, government officials, community leaders and development agency staff, who work with small-scale farmers in low- and middle-income countries.

By: Fellows, P.
 FAO Diversification Booklet
 No. 5
 FAO, Rome, 2011
 ISBN: 9789251070666
 ISSN: 1810-0775
 112 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Building networks for market access

Lessons learned from the Rurla Knowledge Network (RKN) pilot project for East Africa (Uganda, Kenya and Tanzania)

The original aim of the Rural Knowledge Network (RKN) was to make more information available, specifically about markets, to smallholder farmers. The core idea was to provide information to farmers and traders about current market prices in different markets around the country. Supporting small-scale farmers to access markets is highly recommended in East Africa and it should be a priority in all agricultural development programmes in the region. This document analyses the experiences from the RKN Pilot Project for East Africa.

By: Nyende, P.
 FAO, Rome, 2011
 ISBN: 9789251067895
 44 pp., 148 x 210 mm
 USD 10.00, Paperback

Available in English

- **Rights available in all languages except: English**



Tropical palms

2010 revision

Tropical palms, originally published in 1998, has been updated in 2010 to include the most recent information and developments regarding the conservation status and use of various tropical palm species. It describes many uses of the products derived from palms and provides updated references and sources of additional information. Palm products are considered at both the subsistence and commercial levels. Using this publication, readers will be able to assess the role of palms and their products within forest management, reforestation, agriculture and nature conservation activities.

By: Johnson, D.V.
 Non-Wood Forest Products
 No. 10
 FAO, Rome, 2011
 ISBN: 9789251067420
 ISSN: 1020-3370
 252 pp., 210 x 297 mm
 USD 45.00, Paperback

Available in English

- **Rights available in all languages except: English**

Animal production and health



Key
title

World livestock 2011

Livestock in food security

Although much has been said about livestock's role in achieving food security, in reality the subject has been only partially addressed and no current document fully covers the topic. This report is an attempt to fill the gap. It expands on The State of Food and Agriculture 2009 which examined the multiple roles played by livestock in the food security of the poor and advocated for support of smallholders, both in responding to opportunities in livestock production and in finding other opportunities within a broad rural development strategy. Recognizing that food security is central to international development – and to the mandate of FAO – the report tells the story of livestock and food security from three perspectives.

FAO, Rome, 2011
ISBN: 9789251070130
128 pp., 176 x 250 mm
USD 35.00, Paperback

Available in English

- **Rights available in all languages except: English**



Key
title

Global livestock production systems

This book addresses issues relating to the intensity and scale of production, moving from what is done to how it is done. The intensification of production is an area of particular importance, for it is in the intensive systems that changes are occurring most rapidly and most information is needed on the implications that intensification of production may have for livelihoods, poverty alleviation, animal diseases, public health and environmental outcomes. A series of case studies is provided, linking livestock production systems to rural livelihoods and poverty and examples of the application of livestock production system maps are drawn from livestock production, now and in the future.

FAO, Rome, and ILRI,
Rome, 2011
ISBN: 9789251070338
168 pp., 176 x 250 mm
USD 45.00, Paperback

Available in English

- **Rights available in all languages except: English**



Animal Genetic Resources – No. 50, 2012

The mission of *Animal Genetic Resources* – an international journal (previously entitled *Animal Genetic Resources Information*) is the promotion of information on the better use of animal Genetic Resources of interest to food and agricultural production. Also available online in association with Cambridge University Press.

Animal Genetic Resources
No. 50
FAO, Rome, 2012
ISBN: 9789250071886
150 pp., 210 x 297 mm
USD 25.00, Paperback

*Trilingual English, French,
Spanish*



Approaches to controlling, preventing and eliminating H5N1 highly pathogenic avian influenza in endemic countries

At its peak in 2006, highly pathogenic avian influenza (HPAI) caused by viruses of the H5N1 subtype was reported in over 60 countries. Since then, most affected countries have eliminated the disease. However, the virus has remained entrenched in some countries that continue to be endemic for the disease. As the virus is unlikely to be eliminated from poultry for some time, the risk of emergence of a human pandemic strain from an avian virus will persist and will need management. New innovative measures for the control and prevention of H5N1 HPAI and other influenza viruses include: better vaccines that can be delivered easily to poultry production sectors; methods of developing virus resistance in poultry through genetic manipulation and selection; and universal influenza vaccines for humans that protect against different influenza virus subtypes.

FAO Animal Production and Health Paper No. 171
 FAO, Rome, 2011
 ISBN: 9789251068373
 ISSN: 1014-1200
 100 pp., 176 x 250 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Crop residue based densified total mixed ration

A user-friendly approach to utilize food crop by-products for ruminant production

Crop residues are valuable resources since they form a bulk of ruminant feed in many tropical countries. Due to lack of effective management of these resources, unfortunately they are being burnt in some countries, causing environmental pollution. The present paper discusses a technology based on the formation of a complete diet in the form of densified feed blocks or pellets from straws mixed with minerals, oil seed cakes and other agroindustrial by-products. The methods for preparation of such total mixed rations, their use and impact have been presented. It is hoped that this technology will enhance the income of farmers, decrease environmental pollution and help alleviate the shortage of good quality feeds in tropical countries.

By: *Walli, T.K., Garg, M.R., Makkar, H.P.S.*
 FAO Animal Production and Health Paper No. 172
 FAO, Rome, 2012
 ISBN: 9789251072325
 ISSN: 1014-1200
 44 pp., 176 x 250 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



A value chain approach to animal diseases risk management

Technical foundations and practical framework for field application

Once a pathogen enters into domestic livestock, potential risks of exposure and infection to both animals and people extend through a chain of economic activities related to the producing, buying and selling of animals and products. Therefore, in order to understand economic drivers of animal diseases in different ecosystems and to come up with effective and efficient measures to manage disease risks from a country or region, the entire value chain and related markets for animals and products needs to be analysed. Value chain analysis enriches disease risk assessment, providing a framework for interdisciplinary collaboration, which seems to be in increasing demand for problems concerning infectious livestock diseases. The best way to achieve this is to ensure that veterinary epidemiologists and social scientists work together throughout the process at all levels.

FAO Animal Production and Health Guidelines No. 4
 FAO, Rome, 2011
 ISBN: 9789251068618
 ISSN: 1810-0708
 144 pp., 176 x 250 mm
 USD 30.00, Paperback

Available in English

- **Rights available in all languages except: English**



Guidelines for the preparation of livestock sector reviews

The preparation of a livestock sector review is a valuable tool in the design of policies for animal production, health and disease control, marketing and trade. These guidelines provide an essential reference for recruiting officers responsible for drafting terms of reference for reviews, FAO consultants who would appreciate a checklist, young professionals and other livestock or social science specialists who have not previously conducted a sector review.

FAO Animal Production and Health Guidelines No. 5
FAO, Rome, 2011
ISBN: 9789251069103
ISSN: 1810-0708
64 pp., 176 x 250 mm
UD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Developing the institutional framework for the management of animal genetic resources

These guidelines are part of a series of guidelines prepared to support countries in the implementation of the Global Plan of Action for Animal Genetic Resources. They draw on lessons learned from many years of experience in the implementation of programmes and focal points for the management of animal genetic resources in many parts of the world, and include personal contributions from individuals who have been actively involved in this work.

FAO Animal Production and Health Guidelines No. 6
FAO, Rome, 2011
ISBN: 9789251069721
ISSN: 1810-0708
124 pp., 176 x 250 mm
USD 28.00, Paperback

Available in English

- **Rights available in all languages except: English**



Surveying and monitoring of animal genetic resources

Knowledge of animal genetic resources is fundamental to their sustainable use, development and conservation. These guidelines provide advice on how to draw up a strategy for meeting national needs for data and information on animal genetic resources. They also offer practical advice on how to plan and implement an animal genetic resources survey – covering the whole process from planning the survey to disseminating the outputs and taking the first steps in translating results into action.

FAO Animal Production and Health Guidelines No. 7
FAO, Rome, 2011
ISBN: 9789251069738
ISSN: 1810-0708
156 pp., 176 x 250 mm
USD 30.00, Paperback

Available in English

- **Rights available in all languages except: English**



Guide to good dairy farming practice

Revised edition

This revised edition has been written in a practical format for dairy farmers engaged in the production of milk from any dairy species to support the production and marketing of safe, quality-assured milk and dairy products. This guide gives individual dairy farmers proactive guidance on how these objectives can be achieved on their farms. The practices that are suggested have been drawn from best practice guidelines and existing assurance schemes around the world, and so individual practices will vary in their applicability to various dairying regions. They are not intended to be legally binding and readers are encouraged to select and implement those guidelines that are of relevance to their situation.

FAO Animal Production and Health Guidelines No. 8
FAO and IDF, Rome, 2011
Copublished with the International Dairy Federation
ISBN: 9789251069578
ISSN: 1810-0708
46 pp., 176 x 250 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Molecular genetic characterization of animal genetic resources

These guidelines address Strategic Priority Area 1 of the Global Plan of Action – “Characterization, Inventory and Monitoring of Trends and Associated Risks”. A short overview of progress in molecular characterization of animal genetic resources over the last two decades and prospects for the future is followed by a section that provides practical advice for researchers who wish to undertake a characterization study. Emphasis is given to the importance of obtaining high-quality and representative biological samples, yielding standardized data that may be integrated into analyses on an international scale.

FAO Animal Production and Health Guidelines No. 9
FAO, Rome, 2011
ISBN: 9789251070321
ISSN: 1810-0708
96 pp., 176 x 250 mm
USD 28.00, Paperback

Available in English

- **Rights available in all languages except: English**



Designing and implementing livestock value chain studies

A practical aid for highly pathogenic and emerging disease (HPED) control

This document summarizes experiences and lessons learned from the implementation of such value chain studies in South East Asia. Based on these experiences it prioritizes the required data for the respective purpose of a value chain study and recommends data collection as well as data analysis tools. This practical aid is intended as an adjunct to the FAO value chain approach and animal diseases risk management guidelines document.

FAO Animal Production and Health Guidelines No. 10
FAO, Rome, 2012
ISBN: 9789251071397
ISSN: 1810-0708
52 pp., 176 x 250 mm
USD 22.00, Paperback

Available in English

- **Rights available in all languages except: English**



Global programme for the prevention and control of highly pathogenic avian influenza

Fourth report:
January-December 2010

In 2010, the number of countries where H5N1 HPAI was reported increased to 18 (from 12 in 2009), and the overall number of reported outbreaks worldwide also increased. The disease was reintroduced to five countries, including Bulgaria and Romania, which were the first disease events in Europe since 2008. Human fatalities continued to occur. Thus, H5N1 HPAI continues to be a major concern, including the risk of human infection. This report highlights achievements and directions in combating HPAI, animal diseases that have an impact on livelihoods and food security, and, in the case of zoonotic diseases, those that threaten human health.

FAO, Rome, 2011
ISBN: 9789251068939
192 pp., 176 x 250 mm
USD 30.00, Paperback

Available in English

- **Rights available in all languages except: English**



Successes and failures with animal nutrition practices and technologies in developing countries

FAO Electronic Conference,
1-30 September 2011

This publication presents the current status of animal nutrition practices and technologies being practiced in developing countries and an analysis of the reasons for their success or failure. This document is expected to assist developing countries make informed decisions about the adoption of appropriate animal nutrition practices and technologies. In addition, it should also be useful for the development community, including donor agencies, to better understand, prioritize and support appropriate animal nutrition practices and technologies in developing countries.

FAO Animal Production and Health Proceedings No. 11
FAO, Rome, 2011
ISBN: 9789251069028
ISSN: 1810-0732
174 pp., 176 x 250 mm
USD 38.00, Paperback

Available in English

- **Rights available in all languages except: English**



Influenza and other emerging zoonotic diseases at the human-animal interface

FAO/OIE/WHO Joint Scientific Consultation – 27-29 April 2010, Verona (Italy)

Given the complexity of zoonotic disease emergence in an increasingly globalized world, effective strategies for reducing future threats must be identified. This document is the summary of the consultation and provides examples of emerged or emerging zoonotic viral diseases. It describes commonalities across diseases and ideas for new approaches and suggests steps towards translating meeting outcomes into policy.

FAO Animal Production and Health Proceedings No. 13
Copublished with WHO, OIE, Rome, 2011
ISBN: 9789251067376
ISSN: 1810-0732
64 pp., 176 x 250 mm
USD 28.00, Paperback

Available in English

- **Rights available in all languages except: English**



Challenges of animal health information systems and surveillance for animal disease and zoonoses

Animal disease surveillance is key to improving disease analysis, early warning and predicting disease emergence and spread. As a preventive measure, disease surveillance is aimed at reducing animal health-related risks and major consequences of disease outbreaks on food production and livelihoods. Early warning systems are dependent on the quality of animal disease information collected at all levels via effective surveillance; therefore, data gathering and sharing is essential to understand the dynamics of animal diseases in diverse agro-ecological settings to support effective decision-making to prevent disease and for emergency response.

FAO Animal Production and Health Proceedings No. 14
FAO, Rome, October 2011
ISBN: 9789251070345
ISSN: 1810-0732
136 pp., 176 x 250 mm
USD 38.00, Paperback
Available in English

Available in English

- **Rights available in all languages except: English**



Good emergency management practice: The essentials

A guide to preparing for animal health emergencies

A disease emergency is one of the most challenging situations a veterinary service can confront. Veterinary services must be well prepared to deal with such an emergency in order to achieve rapid and cost-efficient control. This manual sets out in a systematic way the elements required to achieve an appropriate level of preparedness for any disease emergency in animals. In particular this manual focuses on the control of transboundary animal diseases. Some of the principles presented may also be helpful in preparing for food safety, zoonotic and even non-infectious disease emergencies.

By: Honhold, N., Douglas, I., Geering, W., Shimshoni, S., Lubroth, J.

FAO Animal Production and Health Manual No. 11
FAO, Rome, 2011
ISBN: 9789251070000
ISSN: 1810-1119
126 pp., 176 x 250 mm
USD 40.00, Paperback

Available in English

- **Rights available in all languages except: English**



Investigating the role of bats in emerging zoonoses

Balancing ecology, conservation and public health interest

This manual on bats and their role in emerging infectious diseases in animals and humans underlines their important role in maintaining the delicate balance in ecosystems that support human, plant and animal life. This document is a manual meant to be used by epidemiologists, wildlife officials, farmers, livestock veterinarians, zoologists, and any number of different professionals who might be coming into increased contact with bats. It is a hands-on reference to their history and biology, as well as to their monitoring and handling, especially amid growing evidence that they can be a route for the introduction of emerging diseases in livestock and humans.

By: Newman, S.H., Field, H., Epastein, J., De Jong, C.

FAO Animal Production and Health Manual No. 12
FAO, Rome, 2011
ISBN: 9789251070284
ISSN: 1810-1119
182 pp., 176 x 250 mm
USD 40.00, Paperback

Available in English

- **Rights available in all languages except: English**



Rearing young ruminants on milk replacers and starter feeds

This manual presents comprehensive information on the preparation and use of milk replacers and starter feeds for pre-ruminants. Although the substitutes for dam's milk can be prepared from by-products of milk and feed ingredients that are not preferred for human consumption, awareness about such alternatives is limited in many developing countries. Therefore, the popularization of preparation and use of milk replacers and starter feeds using locally available ingredients is useful in promoting survivability and growth of young stock. The target audiences for this manual are livestock extension workers engaged in developing countries. The manual is also useful for students and teachers of ruminant production and for small-scale industries and researchers that wish to produce milk replacers and starter feeds.

By: Upoor, K., Moran, J.
 FAO Animal Production and Health Manual No. 13
 FAO, Rome, 201
 ISBN: 9789251070499
 ISSN: 1810-1119
 92 pp., 176 x 250 mm
 USD 36.00, Paperback

Available in English

- **Rights available in all languages except: English**



Quality assurance for animal feed analysis laboratories

All sectors of the livestock industry, the associated services, and the wellbeing of both animals and humans, are influenced by animal feeding. This document gives a comprehensive account of good laboratory practices, quality assurance procedures and examples of standard operating procedures as used in individual specialist laboratories. The manual will be useful for laboratory analysts, laboratory managers, research students and teachers, and it is hoped that it will enable workers in the animal industry, including the aquaculture industry, to appreciate the importance of proven reliable data and the associated quality assurance approaches.

FAO Animal Production and Health Manual No. 14
 FAO, Rome, 2011
 ISBN: 9789251070505
 ISSN: 1810-1119
 192 pp., 176 x 250 mm
 USD 40.00, Paperback

Available in English

- **Rights available in all languages except: English**



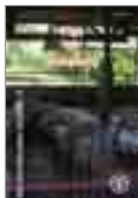
Small animals for small farms

Small animals have a large potential and provide numerous opportunities to support smallholders farmers and their livelihoods. They provide meat at low cost for small-scale farmers and at affordable prices to consumers, enabling access to animal protein even to the poorest members of a community. It is hoped that development workers, policy-makers and others involved will recognize the opportunities and benefit that can derive from small animal enterprises and implement projects and development plans that foster such enterprises.

By: Trevor Wilson, R.
 FAO Diversification Booklet No. 14
 FAO, Rome, 2011
 ISBN: 9789251070673
 ISSN: 1810-0775
 96 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Pigs for prosperity

This booklet promotes pig production and marketing as a viable diversification enterprise for small-scale farmers. The potential of pigs provides a multitude of opportunities and benefits that can support small-scale farmer development with improved diets, increased food and income security as well as reduced vulnerability. The booklet targets those who are involved in developing and enhancing revenue-generating enterprises for small-scale farmers, working for public, private and donor institutions.

By: Dietze, K.
FAO Diversification Booklet
No. 15
FAO, Rome, 2011
ISBN: 9789251070680
ISSN: 1810-0775
68 pp., 148 x 210 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Products and profit from poultry

Second edition

Traditionally poultry is found in many communities the world over and can be, with adequate support, training and investment, a viable commercial enterprise for many small-scale farmers. Poultry can provide for a good source of nutrition for the farm family and an income source, which does not depend on the harvest cycle common to crops. The booklet is aimed at raising awareness and promoting poultry as a business to all those who are involved in supporting small-scale farming and rural development in general.

By: Hilmi, M., Dolberg, F., Clarke, B.
FAO Diversification Booklet
No. 3
FAO, Rome, 2011
ISBN: 9789251070642
ISSN: 1810-0775
84 pp., 148 x 210 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Key
title

Biotechnologies for agricultural development

This book contains the proceedings of the FAO conference on agricultural biotechnologies in developing countries, which took place in Guadalajara, Mexico on 1-4 March 2010. A major objective of the conference was to take stock of the application of biotechnologies across the different food and agricultural sectors in developing countries, in order to learn from the past and to identify options for the future to face the challenges of food insecurity, climate change and natural resource degradation. The first section of the proceedings contains an extensive series of FAO background documents; the second section is dedicated to the outcomes of the conference.

FAO, Rome, 2011
ISBN: 9789251069066
592 pp., 210 x 260 mm
USD 90.00, Hardback

Available in English

- **Rights available in all languages except: English**



Key
title

Biosafety resource book

The biosafety resource book stems from experience gained in biosafety capacity development projects and is based on the materials developed by the lecturers who have taught in the training courses organized to date. The book includes five books whose subjects are: Introduction to molecular biology and genetic engineering, Ecological aspects, Risk analysis, Test and post-release monitoring of GMOs, and Legal aspects. The resource book aims at providing biosafety regulators, policy-makers and members of the national biosafety committees with reference materials that can be readily consulted when the need arises.

By: Sensi, A., Brandenburg, O., Ghosh, K., Sonnino, A.
FAO, Rome, 2011
ISBN: 9789251067185
560 pp., 195 x 245 mm
USD 150.00, 5 vols in slip case

Available in English

- **Rights available in all languages except: English**



Plant mutation breeding and biotechnology

Until the 20th century, spontaneous mutations were the only source of genetic diversity for mankind to exploit in selecting plants and animals for domestication and breeding. Plant mutation breeding is now a common tool available to plant breeders worldwide, and this comprehensive volume addresses the array of recent advances in mutation induction and efficiency enhancing biotechnologies made in this field, including bioinformatics, phenomics and genomics. Detailing both state-of-the-art methodologies and underlying scientific principles, this book covers chemical and physical mutagenesis, mutation induction and functional genomics, illustrated with examples of practical applications and an appendix of recommended doses of gamma and fast neutron irradiation for almost 200 plant species. This book is a valuable resource for researchers and students in plant breeding and genetics.

Edited by: Shu, Q., Forster, B. P., Nakagawa, H.,
Copublished by FAO and IAEA with CABI, Wallingford, UK, 2012
ISBN: 9781780640853 (Cabi)
ISBN: 9789251070222 (FAO)
600 pp., 172 x 244 mm
USD 240.00, Hardback

Available in English

- **Rights available in all languages except: English**

Climate change



Climate change mitigation finance for smallholder agriculture

A guide book to harvesting soil carbon sequestration benefits

Building on FAO policy advice and incorporating lessons from ongoing agricultural carbon finance projects of FAO and other organizations, this document aims to provide an overview of potential mitigation finance opportunities for soil carbon sequestration. The first part provides an overview of the opportunities for climate change mitigation from agricultural soil carbon sequestration. The second part is aimed primarily at carbon project developers and decision-makers at national level concerned with environmental and agriculture policies and incentives and farmers' associations working towards rural development and poverty alleviation.

By: Lipper, L., Neves, B., Wilkes, A., Tennigkeit, T., Gerber, P., Henderson, B., Branca, G., Mann, W.
FAO, Rome, 2011
ISBN: 9789251070826
84 pp., 210 x 297 mm
USD 30.00, Paperback

Available in English

- **Rights available in all languages except: English**



Identifying opportunities for climate-smart agriculture investments in Africa

This paper proposes a methodology to examine the potential of existing NAFSIPs to generate climate change benefits. A rapid screening methodology is presented and applied to 14 NAFSIPs, all of which include agricultural development programmes/sub-programmes that benefit both adaptation to slow-onset climatic change and extreme events, and climate change mitigation. On average, about 60 percent of the activities planned are expected to generate climate benefits in terms of slow-onset climate change, 18 percent adaptation to extreme events, and 19 percent climate change mitigation.

By: Branca, G. Tennigkeit, T., Mann, M., Lipper, L.
FAO, Rome, 2012
ISBN: 9789251071724
130 pp., 210 x 297 mm
USD 35.00, Paperback

Available in English

- **Rights available in all languages except: English**



Climate change, water and food security

The impacts of climate change on the global hydrological cycle are expected to vary the patterns of demand and supply of water for agriculture – the dominant use of freshwater. This report summarizes knowledge of the anticipated impacts of climate change on water availability for agriculture and examines the implications for local and national food security. It analyses expected impact of climate change on a set of major agricultural systems at risk and makes the case for immediate implementation of “no-regrets” strategies that have positive development outcomes and make agricultural systems resilient. It is hoped that policy-makers and planners can use this report to frame their adaptation responses when considering both the water variable in agriculture and the competing demands from other users.

By: Turrall, H., Burke, J., Faurès, J.M.
FAO Water Report No. 36
FAO, Rome, 2011
ISBN: 9789251067956
ISSN: 1020-1203
204 pp., 210 x 297 mm
USD 45.00, Paperback

Available in English

- **Rights available in all languages except: English**



Africa and the carbon cycle

Proceedings of the Open Science Conference on “Africa and Carbon Cycle: the CarboAfrica Project”

This publication includes a selection of articles derived from the presentations and posters shown at the Open Science Conference “Africa and Carbon Cycle” held in Accra, Ghana in 2008. The conference focused on Africa’s contribution to the global carbon cycle and climate system through an overview of the carbon-related studies in sub-Saharan Africa carried out both by the project CarboAfrica and other African and international initiatives. The conference showed the high number of initiatives currently ongoing in Africa related to the study of all the components of the carbon cycle, from science to socio-economic issues, and considering all natural components, from soil to the atmosphere, through terrestrial ecosystems.

By: Bombelli, A., Valentini, R.
World Soil Resources Report
No. 105
FAO, Rome, 2011
ISBN: 9789251068878
ISSN: 0532-0488
236 pp., 210 x 297 mm
USD 29.00, Paperback

Available in English

- **Rights available in all languages except: English**



Key
title

Wildlife in a changing climate

This new report foresees that the rate of loss of wild animal species will be accelerated by climate change unless urgent measures are taken. Particularly at risk are wildlife and ecosystems in coastal and mountain areas, while Africa, where a mean temperature rise of 3-4 °C is expected by the end of the century, is one of the world’s most vulnerable regions. Using case studies, the report puts forward a series of responsive measures to mitigate the impact of climate change.

By: Kaeslin, E., Redmond, I., Dudley, N.
FAO Forestry Paper No. 167
FAO, Rome, November 2011
ISBN: 9789251070895
ISSN: 0258-6150
120 pp., 176 x 250 mm
USD 30.00, Paperback

Available in English

- **Rights available in all languages except: English**



Strengthening capacity for climate change adaptation in agriculture

Experience and lessons from Lesotho

This publication aims to create awareness and prompt action amongst policy-makers and practitioners to address the impact of climate change (notably changes in temperature and rainfall) to the country’s food security. It serves as a good example of how the ongoing FAO and Government of Lesotho project activities complement the National Adaptation Programme of Action (NAPA) on climate change. The publication would be a useful resource to policy-makers, development partners and field practitioners in documenting and identifying viable community-based responses and practices in climate change adaptation.

By: Dejene, A., Midgley, S., Marake, V. M., Ramasamy, S.
Environment and Natural Resources Management Series
No. 18
FAO, Rome, 2011
ISBN: 9789251068731
ISSN: 2071-0992
76 pp., 176 x 250 mm
USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Climate change and food systems resilience in sub-Saharan Africa

This volume demonstrates the possibility of harmonizing agricultural production with the wellbeing of the biosphere – and that this can be achieved in Africa, our biosphere's least developed continent, and that likely to suffer most from climate change. The work presented in this volume stems from a conference on ecological agriculture held in Ethiopia in 2008. Through the discussions held during this conference and field visits to Tigray, a region struck by hunger in the eighties and largely food secure today, participants shared insights on Africa's potential for intensifying its agriculture through a better use of natural resources and ecosystem services.

By: Ching, L.L., Edwards, S., El-Hage Scialabba, N.
FAO, Rome, 2011
ISBN: 9789251068762
448 pp., 210 x 265 mm
USD 120.00, Hardback

Available in English

- **Rights available in all languages except: English**



The State of Food and Agriculture 2012

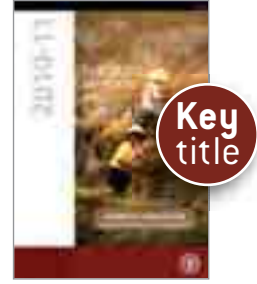
Investing in agriculture for a better future

The 2012 edition of FAO's major annual flagship publication makes the case that investing in agriculture is essential for reducing hunger and promoting sustainable agricultural production. It argues that farmers, the largest investors in agriculture, must be central to any strategy to increase investment and that governments have the responsibility to create an enabling investment environment. The report also includes an overview of the current global agricultural situation.

FAO, Rome, 2012
ISBN: 9789251073179
ISSN 0081-4539
pp. - TBD, 210 x 297 mm
USD TBD, Paperback

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

- **Rights available in all languages except: English, French, Spanish, Arabic, Chinese, Russian**



The State of Food and Agriculture 2010-11. Women in agriculture

Closing the gender gap for development

The State of Food and Agriculture 2010-11 presents empirical estimates of the potential gains that could be achieved by closing the gender gap in agriculture and rural employment. The report critically evaluates experiences from many countries with gender and development policies. It offers proven measures to promote gender equality and empower women. It shows how agricultural policies and programmes aimed at closing the gender gap can also generate significant gains for the agriculture sector, food security and society as a whole.

FAO, Rome, 2011
ISBN: 9789251067680
ISSN: 0081-4539
158 pp., 210 x 297 mm
USD 75.00, Paperback

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

- **Rights available in all languages except: English, French, Spanish, Arabic, Chinese, Russian**



The State of Food Insecurity in the World 2012

The 2012 edition of The State of Food Insecurity in the World focuses on the importance of economic growth in overcoming poverty, hunger and malnutrition. The report also presents updated and improved estimates of the number of undernourished and sets out FAO's newly revised undernourishment methodology as well as ongoing work to develop a comprehensive suite of food security indicators.

Copublished with the World Food Programme and the International Fund for Agricultural Development, Rome, 2012
ISBN: 9789251073162
pp. TBD, 210 x 297 mm
USD TBD, Paperback

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

- **Rights available in all languages except:** English, French, Spanish, Arabic, Chinese, Russian



The State of Food Insecurity in the World 2011

How does international price volatility affect domestic economies and food security?

The 2011 edition of The State of Food Insecurity in the World highlights the differential impacts that the world food crisis of 2006-08 had on different countries, with the poorest being most affected. This report focuses on the costs of food price volatility, as well as the dangers and opportunities presented by high food prices, and their impacts on food security. It presents policy options to reduce volatility in a cost-effective manner and approaches to managing volatility when it cannot be avoided.

Copublished with the World Food Programme and the International Fund for Agricultural Development, Rome, 2011
ISBN: 9789251069271
52 pp., 210 x 297 mm
USD 27.00, Paperback

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

- **Rights available in all languages except:** English, French, Spanish, Arabic, Chinese, Russian



The State of Agricultural Commodity Markets 2012

The State of Agricultural Commodity Markets presents commodity market issues in an objective, transparent and accessible way to the attention of a wider public, including policy-makers, commodity market observers and all those interested in commodity market developments and their impact on developing countries. While the findings and conclusions presented rely on technical analysis by FAO commodity and trade specialists, this is not a technical report. The 2012 issue argues that effective solutions to enhance productivity in smallholder agriculture require a greater recognition of smallholder heterogeneity with respect to markets.

FAO, Rome, 2013
ISBN: 9789251073186
48 pp., 210 x 297 mm
USD TBD, Paperback

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

- **Rights available in all languages except:** English, French, Spanish, Arabic, Chinese, Russian



Articulating and mainstreaming agricultural trade policy and support measures

This book is an output of an FAO project, Articulating and mainstreaming agricultural trade policy and support measures, implemented during 2008-2010. Its three core objectives are to contribute to: i) the process of articulating appropriate agricultural trade policies consistent with overall development objectives; ii) the process of articulating trade support measures; and iii) the process of mainstreaming trade policies and support measures into a national development framework. The study examines these three areas on the basis of case studies of five countries: Bangladesh, Ghana, Nepal, Sri Lanka and Tanzania.

FAO, Rome, 2011
ISBN: 9789251069189
374 pp., 176 x 250 mm
USD 40.00, Paperback
Available in English

- **Rights available in all languages except: English**



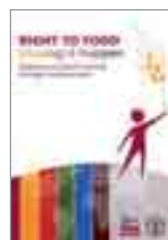
Looking ahead in world food and agriculture

Are the natural resources available sufficient to feed a growing population? What are the priority areas where investment and research should be directed? How may the use of agricultural products in biofuel production affect markets? How can climate change affect production possibilities and markets? These questions were the focus of a high-level expert meeting held by FAO in 2009, on How to Feed the World in 2050. This volume follows up on that initiative, by gathering updated versions of technical materials prepared for the occasion, along with further work. The book seeks to sustain the debate on the future of the global agricultural and food economy. Its contents are designed to interest both a technical audience and a wider range of professionals working around the world in areas related to agriculture, in both public and private institutions.

By: Conforti, P.
FAO, Rome, 2011
ISBN: 9789251069035
558 pp., 160 x 230 mm
USD 110.00, Paperback

Available in English

- **Rights available in all languages except: English**



Right to food – Making it happen

Progress and lessons learned through implementation

This publication brings together the practical experiences and lessons learned during the years 2006 to 2009 with the implementation of the right to food at country level, based on the Right to Food Guidelines. It offers a wealth of information on work done in Brazil, Guatemala, India, Mozambique and Uganda, and also reflects the main issues raised and conclusions reached during the three days of sharing at the Right to Food Forum in 2008.

FAO, Rome, 2011
ISBN: 9789251068908
192 pp., 176 x 250 mm
USD 45.00, Paperback (+DVD)

Available in English

- **Rights available in all languages except: English**



Key
title

FAO in the 21st century

Ensuring food security in a changing world

This publication details our current knowledge of the complex and interrelated challenges that are compounding efforts to achieve global food security. It discusses likely implications for the food and agriculture sector and for hunger and poverty reduction efforts, including FAO's role in assisting members in the coming years. This book is for everyone interested in better understanding the dynamics of the current global issues and changing patterns in agriculture and natural resources.

FAO, Rome, 2011
ISBN: 9789251069134
270 pp., 176 x 250 mm
USD 62.00, Paperback

Available in English, French

- **Rights available in all languages except:** English, French



Food security communications toolkit

Food security professionals are increasingly realizing that they must use communications strategically for their work to have a maximum impact. While most organizations have invested heavily in food security analysis and research, many still need to enhance their communications to ensure their findings reach their intended users and action is taken. This toolkit is geared to helping food security professionals develop a communication strategy and communicate more effectively with their target audiences. Specific sections of the toolkit focus on policy-makers and the media, because of the important role they play in implementing and influencing food security policies. While aimed at professionals working in food security related fields, the lessons in this toolkit can easily be applied to many other fields.

FAO, Rome, 2011
ISBN: 9789251068588
214 pp., 210 x 297 mm
USD 75.00, Paperback
(+ CD-ROM)

Available in English

- **Rights available in all languages except:** English



Agricultural import surges in developing countries

Analytical framework and insight from case studies

The potentially adverse effects of import surges on domestic markets and the agricultural sector, particularly in developing countries, have received enough attention to prompt the concepts of safeguards to protect against any "injurious" import surge. This book has two objectives. The first is to examine the theoretical and legal frameworks of an import surge, based on reviews of the definition and identification of an import surge, and its potential and likely effects. The second is to synthesize the findings of FAO country case studies, identifying ways to deal with import surges, and especially to provide informed guidance to policy-makers to respond to the surge's consequences.

By: Rakotoarisoa, M.A., Sharma, R.P., Hallam. D.
FAO, Rome, 2011
ISBN: 9789251067321
238 pp., 176 x 250 mm
USD 40.00, Paperback

Available in English

- **Rights available in all languages except:** English



Role of women producer organizations in agricultural value chains

Practical lessons from Africa and India

FAO initiated an Exposure and Exchange Programme (EEP) to enable selected women farmers' organizations from West and Central Africa and India's SEWA (Self-Employed Women Association) to exchange and learn from their experiences. This report critically evaluates the SEWA model and draws conclusions relevant to African women producers' organizations to better meet the challenges of raising Africa's agricultural potential, improve incomes for small farmers, and ensure greater food security.

By: Elbehir, A., Lee, M.
FAO, Rome, 2011
66 pp., 176 x 250 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Safeguarding food security in volatile global markets

This volume brings together top analysts from inside and outside FAO to examine a problem that has become increasingly relevant as food prices, once again, soar to high levels. This volume stresses that countries themselves can do a great deal to safeguard food security in the event of turmoil by establishing social safety nets, emergency food reserves and other schemes to protect the poor. The book also presents guidelines on "smart subsidies", those which provide production incentives and improve supply responses

By: Prakash, A.
FAO, Rome, 2011
ISBN: 9789251068038
616 pp., 176 x 250 mm
USD 85.00, Paperback

Available in English

- **Rights available in all languages except: English**



Bioenergy and food security

The BEFS Analytical Framework

The report presents the analytical framework developed by the BEFS project, which examines the relationship between food security and bioenergy. The report also provides an overview of the BEFS toolbox used to carry out the quantitative analysis on the dynamics of the bioenergy and food security interfaces. The report is meant to acquaint policy-makers, as well as the general public, with the BEFS Analytical Framework, the tools that it offers and how these tools can be applied to assist policy-making on the basis of clear information concerning the many varied consequences of bioenergy developments on food security, poverty reduction, agricultural development and economic growth.

Environment and Natural Resources Management Series
No. 16
FAO, Rome, 2011
ISBN: 9789251067406
ISSN: 2071-0992
102 pp., 210 x 297 mm
USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**

Fisheries and aquaculture



State of World Fisheries and Aquaculture 2012

This edition of The State of World Fisheries and Aquaculture highlights the vital role of fisheries and aquaculture in both food and nutrition security as well as economic expansion. The sector remains a major supplier of high-quality animal protein and supports the livelihoods and well-being of more than 10 percent of the world's population. International trade in fish has reached new peaks as overall production has continued to rise. Yet, as the document underlines, an array of problems – ranging from the need for more effective governance to that of ensuring environmental sustainability – threatens to undermine the sector's valuable contribution to alleviating hunger and reducing poverty. Using the latest available statistics on fisheries and aquaculture, this edition presents a global analysis of the sector's status and trends.

FAO, Rome, June 2012
ISBN: 9789251072257
ISSN: 10205489
226 pp., 210 x 297 mm
USD 65.00, Paperback

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

- **Rights available in all languages except:** *English, French, Spanish, Arabic, Chinese, Russian*



Review of the state of world fishery resources: Inland fisheries

This document represents the second revision of Fisheries Circular No. 942, and is a key document in the FAO Fisheries and Aquaculture Department's efforts to provide accurate and timely information on fishery resources. It reviews global inland capture fisheries for food production. It also explores the increasingly important recreational fisheries sector, although there is no systematic reporting of this to the FAO or to any other organization with global scope.

FAO Fisheries and Aquaculture Circular No. 942
FAO, Rome, 2011
ISBN: 9789251070789
ISSN: 2070-6065
108 pp., 210 x 297 mm
USD 32.00, Paperback

Available in English

- **Rights available in all languages except:** *English*



Fisheries management. 4/Suppl. 4

Marine protected areas and fisheries

This document has been developed to provide information and guidance on the use of marine protected areas (MPAs) in the context of fisheries. The guidelines are divided into two sections: the first discusses definitions and context, and provides background information on fisheries management, the ecosystem approach to fisheries (EAF) and MPAs as a tool for fisheries management, including socio-economic and biological impacts. The second section considers the planning and implementing of MPAs including the institutional, legal and policy context, the planning process and actual implementation considerations. The document also highlights the need for increased coordination across sectors and agencies/departments. As with all fisheries management, good governance – including adequate stakeholder participation – is key to successful and equitable management outcomes.

FAO Technical Guidelines for Responsible Fisheries No. 4
FAO, Rome, 2011
ISBN: 9789251067901
ISSN: 1020-5292
216 pp., 148 x 210 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except:** *English*



Coastal fisheries of Latin America and the Caribbean

This book seeks to contribute to a better understanding of coastal fisheries in the Latin American and the Caribbean (LAC) region, as well as to generate discussion about ways to move towards sustainable fisheries. The book begins with an overview of general trends in the fisheries of the LAC countries. A set of twelve chapters follows, each reporting on the coastal fisheries of one country in the region. The final component of the book contains a synthesis of information from the countries examined, an analysis of the main issues and challenges faced by the various fisheries, an outline of policy directions to improve fisheries management systems in the LAC region, an identification of routes toward more integrated approaches for coastal fisheries management, and recommendations for ways forward in dealing with fishery assessment and governance issues in the region.

By: Salas, S., Chuenpagdee, R., Charles, A., Seijo, J.C.
 FAO Fisheries and Aquaculture Technical Paper No. 544
 FAO, Rome, 2011
 ISBN: 9789251067222
 ISSN: 2070-7010
 438 pp., 176 x 250 mm
 USD 75.00, Paperback

Available in English

- **Rights available in all languages except: English**



Governance of marine protected areas in the least-developed countries

Case studies from West Africa

This document is a synthesis of Les aires marines protégées d'Afrique de l'Ouest – Gouvernance et politiques publiques (Weigel *et al.*, 2007), which proposes an analytical framework to study the governance of MPAs in the LDCs. This analytical framework makes it possible to characterize the governance system of each of the MPAs considered and to develop a typology of these systems. The characterization of different governance systems highlights their weaknesses and paves the way for new public policy options and, more generally, for the restructuring of governance to correct these weaknesses.

By: Weigel, J.Y., Féral, F., Cazalet, B.
 FAO Fisheries and Aquaculture Technical Paper No. 548
 FAO, Rome, 2011
 ISBN: 9789251070178
 ISSN: 2070-7010
 90 pp., 176 x 250 mm
 USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Assessment and management of biotoxin risks in bivalve molluscs

Biotoxin produced by certain algal species can be accumulated by bivalve molluscs. This constitutes one of the major public health risks that need to be managed during shellfish production. With a view to aiding risk assessment, monitoring and surveillance programmes, this paper provides a range of information about the various biotoxins globally recorded in shellfish: levels detected, toxicological data, methods of analysis for detection and quantification of toxins, and the risk assessment approach for public health management.

By: Lawrence, J., Loreal, H., Toyofuku, H., Hess, P., Iddya, K., Ababouch, L.
 FAO Fisheries and Aquaculture Technical Paper No. 551
 FAO, Rome, 2011
 ISBN: 9789251070031
 ISSN: 2070-7010
 356 pp., 210 x 297 mm
 USD 70.00, Paperback

Available in English

- **Rights available in all languages except: English**



Private standards and certification in fisheries and aquaculture

Current practice and emerging issues

Private standards and related certification schemes are becoming significant features of international fish trade and marketing. They have emerged in areas where there is a perception that public regulatory frameworks are not achieving the desired outcomes, such as sustainability and responsible fisheries management, or to ensure food safety, quality and environmental sustainability in the growing aquaculture industry. This report analyses the two main types of private standards, namely ecolabels and food safety and quality standards, their impact on fish trade, and their implications for a range of stakeholders. It addresses issues that are driving the development of private standards, their policy and governance implications, the assessment of their credence, the costs implications, traceability, etc., and the challenges and opportunities for developing countries.

By: Washington, S., Ababouch, L.
FAO Fisheries and Aquaculture
Technical Paper No. 553
FAO, Rome, 2011
ISBN: 9789251067307
ISSN: 2070-7010
202 pp., 210 x 297 mm
USD 40.00, Paperback

Available in English

- **Rights available in all languages except: English**



Marine protected areas

Country case studies on policy, governance and institutional issues

This documents presents case studies of the policy, governance and institutional issues of marine protected areas (MPAs) in Brazil, India, Palau and Senegal. The studies examine governance opportunities in and constraints on the use of spatial management measures at the national level. They were also designed to inform implementation of the FAO Technical Guidelines on marine protected areas and fisheries, which were developed to provide information and guidance on the use of MPAs in the context of fisheries.

By: Sanders, J.S., Gréboval, D., Hjort, A.
FAO Fisheries and Aquaculture
Technical Paper No. 556/1
FAO, Rome, 2011
ISBN: 9789251068571
ISSN: 2070-7010
126 pp., 210 x 297 mm
USD 28.00, Paperback

Available in English

- **Rights available in all languages except: English**



Post-harvest fish loss assessment in small-scale fisheries

A guide for the extension officer

Post-harvest fish losses are a major concern and occur in most fishing distribution chains throughout the world. This manual is the result of field testing and validation activities by FAO of three key post-harvest fish loss assessment methodologies developed over the past two decades. Meant as a working tool for extension officers, it describes these methods and provides guidance on when and how they can be used in the process of planning an intervention to reduce post-harvest losses or monitoring, and the effectiveness of a loss reduction intervention. It also provides the information on data communication and the design of loss reduction intervention to give policy-planners and decision-makers a better understanding of issues facing fishing communities.

By: Diei-Ouadi, Y., Mgawe, Y.I.
FAO Fisheries and Aquaculture
Technical Paper No. 559
FAO, Rome, 2011
ISBN: 9789251068809
ISSN: 2070-7010
104 pp., 176 x 250 mm

Available in English

- **Rights available in all languages except: English**



Bycatch in small-scale tuna fisheries

A global study

Bycatch from purse seining and longlining has been the subject of a considerable amount of research. Small-scale tuna fishing and the associated bycatch have received relatively little attention, and no work has been carried out to obtain a global overview. This document summarizes national catch information of small-scale tuna fisheries. It also aims to identify regional data gaps, major issues, and management concerns associated with these fisheries and their bycatch.

By: Gillet, R.
 FAO Fisheries and Aquaculture
 Technical Paper No. 560
 FAO, Rome, 2011
 ISBN: 9789251068496
 ISSN: 2070-7010
 128 pp., 176 x 250 mm
 USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Small-scale rainbow trout farming

This technical paper is a basic guide to the starting and successful practice of small-scale trout farming. The concept of this technical paper is to guide the reader through the necessary technical information, related practical solutions and the steps of preparation of both investment in and day-to-day operation of a small-scale rainbow trout farm.

By: Woynarovich, A., Hoitsy, G., Moth-Poulsen, T.
 FAO Fisheries and Aquaculture
 Technical Paper No. 561
 FAO, Rome, 2012
 ISBN: 9789251068199
 ISSN: 2070-7010
 90 pp., 210 x 297 mm
 USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Fishing with beach seines

This document provides a global overview of beach seine fisheries and identifies key issues relevant to the responsible use of beach seines and the sustainable livelihoods of beach seine fishers. It also gives guidelines for fisheries managers and other stakeholders on how best to address issues related to management process and measures, which have the mutually beneficial goals of restoring and conserving the health of fishery resources and their habitats and safeguarding the livelihoods of fishers and their communities.

By: Tietze, U., Lee, R., Siar, S., Mouth-Pulsen, T., Bage, H.
 FAO Fisheries and Aquaculture
 Technical Paper No. 562
 FAO, Rome, 2011
 ISBN: 9789251068069
 ISSN: 2070-7010
 162 pp., 210 x 297 mm
 USD 40.00, Paperback

Available in English

- **Rights available in all languages except: English**



Demand and supply of feed ingredients for farmed fish and crustaceans

Trends and prospects

This paper reviews the dietary feeding practices employed for the production of the major cultured fed species, the total global production and market availability of the major feed ingredient sources used and the major constraints to feed ingredient usage, and recommends approaches to feed ingredient selection and usage for the major species of cultivated fish and crustaceans. Emphasis is placed on the need for major producing countries to maximize the use of locally available feed-grade ingredient sources, and, in particular, to select and use those nutritionally sound and safe feed ingredient sources whose production and growth can keep pace with the 8-10 percent annual average annual growth of the fed finfish and crustacean aquaculture sector.

By: Tacon, A., Hasan, M.R., Metian, M.

FAO Fisheries and Aquaculture
Technical Paper No. 564
FAO, Rome, 2011
ISBN: 9789251069332
ISSN: 2070-7010
100 pp., 210 x 297 mm
USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Better management practices for carp production in Central and Eastern Europe, the Caucasus and Central Asia

This document aims to provide basic technical guidance for better management practices (BMPs) for small carp culture in the Eastern Europe, Caucasus and Central Asia region. These BMPs are expected to be useful for regional fisheries and aquaculture research institutions, regional organizations as well as for people involved in aquaculture, particularly owners of carp hatcheries and farms and their employees.

FAO Fisheries and Aquaculture
Technical Paper No. 566
RAP, Bangkok, 2011
ISBN: 9789251070307
ISSN: 2070-7010
172 pp., 176 x 250 mm
USD 38.00, Paperback

Available in English

- **Rights available in all languages except: English**



Mud crab aquaculture

A practical manual

The last decade has seen rapid expansion in the farming of several mud crab species in Viet Nam, the Philippines and China in particular. This manual is an introduction to all aspects of mud crab aquaculture. It provides a useful reference source for farmers, researchers and extension officers active in the industry and comprehensive baseline information for those in countries or companies interested in investing in this aquaculture sector.

By: Shelley, C., Lovatelli, A.
FAO Fisheries and Aquaculture
Technical Paper No. 567
FAO, Rome, 2011
ISBN: 9789251069905
ISSN: 2070-7010
96 pp., 210 x 297 mm
USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Key
title

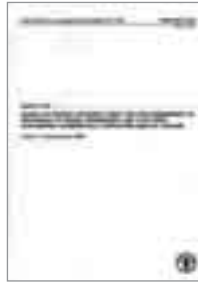
Review of the state of world marine fishery resources

Marine fisheries are very important to the economy and well-being of coastal communities. Maintaining the long-term prosperity and sustainability of marine fisheries is not only of political and social significance but also of economic and ecological importance. This publication presents an updated assessment of the current status of the world's marine fishery resources. Its aim is to provide the FAO Committee on Fisheries, policy-makers, civil society, fishers and managers of world fishery resources with a comprehensive, objective and global review of the state of the living marine resources of the oceans.

FAO Fisheries and Aquaculture
Technical Paper No. 569
FAO, Rome, 2011
ISBN: 9789251070239
ISSN: 2070-7010
350 pp., 210 x 297 mm
USD 85.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Third FAO Expert Advisory Panel for the Assessment of Proposals to Amend Appendices I and II of CITES Concerning Commercially-exploited Aquatic Species

The panel was convened in response to the agreement by the Twenty-fifth Session of the FAO Committee on Fisheries on the terms of the reference for an expert advisory panel for assessment of proposal to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), and to the endorsement of the 26th Session of the COFI. This report includes the assessment of each of the six proposals made by the panel.

FAO Fisheries and Aquaculture
Report No. 925
FAO, Rome, 2011
ISBN: 9789251067055
ISSN: 2070-6987
156 pp., 210 x 297 mm
USD 25.00, Paperback

Available in English, French, Spanish

- **Rights available in all languages except: English, French and Spanish**



Report of the Workshop on Deep-sea Species Identification

Rome, Italy,
2-4 December 2009

This document is the report of the meeting held in Rome in December 2009 in response to the need for a strategy for deep-sea species identification guides. The report includes an overview of the presentations and discussions held during the workshop, and presents the conclusions and recommendations agreed upon by participants.

FAO Fisheries and Aquaculture
Report No. 947
FAO, Rome, 2011
ISBN: 9789251069851
ISSN: 2070-6987
216 pp., 210 x 297 mm
USD 40.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the FAO Workshop on the Implementation of the International Guidelines for the Management of Deep-sea Fisheries in the High Seas

Challenges and ways forward, Busan, Republic of Korea, 10-12 May 2010

This is the report of a workshop held in May 2010, convened to analyse the challenges and propose ways forward for the implementation of the International guidelines for the management of deep-sea fisheries in the high seas. The report is divided into two parts. Part 1 provides the meeting summary and the main conclusions and recommendations with respect to general considerations, governance, support to developing countries, management issues, compliance and enforcement, vulnerable marine ecosystems (VMEs) and review and implementation processes. Part 2 contains the background documents.

FAO Fisheries and Aquaculture Report No. 948
FAO, Rome, 2011
ISBN: 9789251068267
ISSN: 2070-6987
82 pp., 210 x 297 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the FAO Expert Workshop on the On-farm Feeding and Feed Management in Aquaculture

Manila, the Philippines, 13-15 September 2010

The workshop was organized with three objectives: a) to review and analyse the existing knowledge on the application of feed management as a tool for reducing feed costs in aquaculture, b) to identify the major issues and constraints of feed management and those that need to be addressed, and c) to prepare a list of recommendations to define/suggest the future course of action including the preparation of technical manuals/guidelines for dissemination to farmers. A comprehensive set of recommendations was developed to overcome the constraints that were identified and it is anticipated that these recommendations will guide FAO's future work in this area.

FAO Fisheries and Aquaculture Report No. 949
FAO, Rome, 2011
ISBN: 9789251067130
ISSN: 2070-6987
44 pp., 210 x 297 mm
UD 15.00, Paperback

Available in English

- **Rights available in all languages except: English**



Committee on Fisheries

Report of the Fifth Session of the Sub-Committee on Aquaculture, Phuket, Thailand, 27 September-1 October 2010

The session was attended by 58 Members of FAO, and by observers from three intergovernmental and three international non-governmental organizations. The Sub-Committee appreciated the efforts of the FAO Fisheries and Aquaculture Department in responding to the recommendations of the past session of the Sub-Committee.

FAO Fisheries and Aquaculture Report No. 950
FAO, Rome, 2011
ISBN: 9789250067162
ISSN: 2070-6987
168 pp., 210 x 297 mm
USD 25.00, Paperback

Trilingual English, French, Spanish

- **Rights available in all languages except: English, French, Spanish**



Report of FAO Expert Workshop on Assessing the Contribution of Small-Scale Aquaculture to Sustainable Rural Development

Tagaytay City, the Philippines.
6-8 August 2009

The workshop was convened by FAO to present the outcomes (results and analysis) of the case studies that pilot-tested the Nha Trang small-scale aquaculture (SSA) contribution indicators using various types of SSA in the Philippines, Thailand and Viet Nam and the cross-country synthesis; to refine and validate the indicators and evaluate their robustness, replicability and applicability in helping measure SSA sector performance for wider adoption and use; and to draw a list of recommendations for generating further support to the SSA subsector of sustainable aquaculture and rural development programmes based on a broad understanding of sector performance (as measured by indicators) as well as risks and threats.

FAO Fisheries and Aquaculture Report No. 952
FAO, Rome, 2011
ISBN: 9789251067048
ISSN: 2070-6987
40 pp., 210 x 297 mm
USD 15.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the fourth meeting of the RECOFI Working Group on Fisheries Management

Muscat, Sultanate of Oman,
3-5 October 2010

This document contains the report of the fourth meeting of the Regional Commission for Fisheries (RECOFI) Working Group of Fisheries Management (WGFM). The WGFM addressed and made decisions on matters concerning relevant follow-up to the sixth session of RECOFI and the fourth session of the RECOFI WGFM. The working group also considered and made decisions on matters concerning the Programme of Work and Budget for the 2011-12 biennium for the WGFM including a review of the regional strategy and priorities for regional fisheries management.

FAO Fisheries and Aquaculture Report No. 953
FAO, Rome, 2011
ISBN: 9789251067147
ISSN: 2070-6987
64 pp., 210 x 297 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Regional Commission for Fisheries

Report of the Fifth Meeting of the Working Group on Aquaculture Doha, the State of Qatar, 27 October 2010

This document contains the report of the fifth meeting of the Working Group on Aquaculture (WGA) of the Regional Commission for Fisheries (RECOFI) held in Doha, Qatar. The meeting discussed national and regional follow-up actions to the two WGA technical workshops on aquatic animal health and on sustainable marine case aquaculture development. The WGA finalized its proposed programme of work for the next intersessional period based also on the recommendations from its previous technical workshop.

FAO Fisheries and Aquaculture Report No. 954
FAO, Rome, 2011
ISBN: 9789251067178
ISSN: 2070-6987
76 pp., 210 x 297 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Twenty-sixth Session of the European Inland Fisheries Advisory Commission

Zagreb, 17-20 May 2010

The session reviewed EIFAC's activities since 2008 in the fields of fishery biology and management, aquaculture, protection of the aquatic environment and social and economic issues. The session deliberated on the options for restructuring and improving of the functioning of the Commission and decided that EIFAC should continue as a fishery body under Article VI of the FAO Constitution but with an improved structure and modernized rules of procedure, subject to endorsement of these decisions by the FAO Council and FAO Director-General. All working parties and sub-commissions were abolished and it was decided to adopt a project approach for future working relevant fields. The Twenty-seventh Session will be held in 2012.

FAO Fisheries and Aquaculture Report No. 955
FAO, Rome, 2011
ISBN: 9789251067093
48 pp., 210 x 297 mm
ISSN: 2070-6987
USD 15.00, Paperback

Available in English

- **Rights available in all languages except:** English



Report of the FAO Technical Consultation to Identify a Structure and Strategy for the Development and Implementation of the Global Record of Fishing Vessels, Refrigerated Transport Vessels and Supply Vessels

The Consultation was held at FAO Headquarters, Rome, Italy, from 8-12 November 2010. The Consultation was convened by the Director-General of FAO upon the recommendation of produced recommendations for consideration by the Twenty-ninth Session of the FAO Committee on Fisheries. The Consultation was funded by the Governments of the United Kingdom of Great Britain and Northern Ireland and the United States of America and by the European Commission.

FAO Fisheries and Aquaculture Report No. 956
FAO, Rome, 2011
ISBN: 9789251067277
ISSN: 2070-6987
32 pp., 210 x 297 mm
USD 15.00, Paperback

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

- **Rights available in all languages except:** English, French, Spanish, Arabic, Chinese, Russian



Report of the Technical Consultation to Develop International Guidelines on Bycatch Management and Reduction of Discards

Rome, 6-10 December 2010

This document contains the report of the technical consultation held in Rome in December 2010 to develop international guidelines as called for by the FAO Committee on Fisheries at its Twenty-eighth Session in 2009.

FAO Fisheries and Aquaculture Report No. 957
FAO, Rome, 2011
ISBN: 9789251067642
ISSN: 2070-6987
38 pp., 210 x 297 mm
USD 15.00, Paperback

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

- **Rights available in all languages except:** English, French, Spanish, Arabic, Chinese, Russian



Expert Consultation to Develop an FAO Evaluation Framework to Assess the Conformity of Public and Private Ecolabelling

Schemes with the FAO Guidelines for the ecolabelling of fish and fishery products from marine capture fisheries

The expert consultation considered a number of issues relating to the guidelines and the evaluation framework. Inter alia, it noted that the guidelines, and therefore the draft evaluation framework, relate only to the biological sustainability of fishery resources and not to other aspects that might have an impact on sustainability. Also noted were the many commonalities between the Marine Ecolabelling Guidelines and the draft Inland Ecolabelling Guidelines, and that the major difference between them related to the consideration of enhancement and the use of introduced and/or translocated species in the draft Inland Guidelines.

FAO Fisheries and Aquaculture Report No. 958
 FAO, Rome, 2011
 ISBN: 9789251067628
 ISSN: 2070-6987
 58 pp., 210 x 297 mm
 USD 15.00, Paperback

Available in English

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Report of the RECOFI Special Meeting on Consolidation and Development

Rome, 11-12 May 2010

The objective of this special meeting was to consider ways and means to enhance the role of the Regional Commission for Fisheries (RECOFI) as a regional fisheries management organization. The meeting participants reviewed the preliminary findings of a technical review of the work and operations of the commission. The meeting agreed unanimously that RECOFI required strengthening to make it a more effective and legitimate organization. It was also agreed to make three broad recommendations in relation to the future technical and institutional work of RECOFI and its financial needs. These recommendations will be considered by the commission at its Sixth Session in 2011.

FAO Fisheries and Aquaculture Report No. 960
 FAO, Rome, 2011
 ISBN: 9789251067697
 ISSN: 2070-6987
 38 pp., 210 x 297 mm
 USD 15.00, Paperback

Available in English

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Regional Commission for Fisheries. Report of the Regional Technical Workshop on Spatial Planning for Marine Capture Fisheries and Aquaculture

Doha, the State of Qatar, 24-28 October 2010

The workshop achieved three objectives: (i) it created awareness and initiated capacity building through a technical seminar on basic concepts and emerging issues concerning spatial planning for marine capture fisheries and aquaculture, receiving feedback from each RECOFI country presentation on the present status of the use of spatially-based planning tools, including case studies, present issues and challenges; (ii) it presented the results and analysis of the RECOFI regional spatial planning for marine capture fisheries and aquaculture questionnaire survey; and (iii) it prepared and finalized a proposal for a Regional Programme for Implementing a Strategy on Spatial Planning for Marine Capture Fisheries and Aquaculture in RECOFI Member countries based on the survey outcomes and workshop deliberation and brainstorming.

FAO Fisheries and Aquaculture Report No. 961
 FAO, Rome, 2011
 ISBN: 9789251067758
 ISSN: 2070-6987
 128 pp., 210 x 297 mm
 USD 30.00, Paperback

Available in English

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Report of the Africa Regional Consultative Meeting on Securing Sustainable Small-scale Fisheries: Bringing together Responsible Fisheries and Social Development

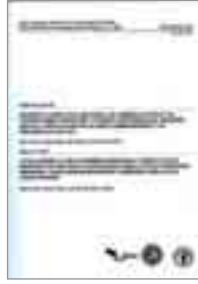
Maputo, Mozambique,
12-14 October 2010

The African workshop was one of three regional consultative workshops carried out as a follow-up to the 2009 inception workshop of the FAO Extra-Budgetary Programme on Fisheries and Aquaculture for Poverty Alleviation and Food Security. The purpose of the workshops was to provide guidance on the scope and contents of such an international small-scale fisheries instrument and on the possible priorities and implementation modalities for a global assistance programme.

FAO Fisheries and Aquaculture Report No. 963
FAO, Rome, 2011
ISBN: 9789250067872
ISSN: 2070-6987
96 pp., 210 x 297 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Latin America and Caribbean Regional Consultative Meeting on Securing Sustainable Small-scale fisheries

Bringing together responsible fisheries and social development

The Latin America and Caribbean Regional Consultative Meeting was one of three regional consultative workshops carried out as a follow-up to the 2009 inception workshop of the FAO Extrabudgetary Programme on Fisheries and Aquaculture for Poverty Alleviation and Food Security.

FAO Fisheries and Aquaculture Report No. 964
FAO, Rome, 2011
ISBN: 9789250067889
ISSN: 2070-6987
96 pp., 210 x 297 mm
USD 20.00, Paperback

Bilingual English, Spanish

- **Rights available in all languages except: English, Spanish**



Report of the FAO Working Group on the Assessment of Small Pelagic Fish off Northwest Africa

Nouakchott, Mauritania,
21-30 April 2009

This report provides the results of the analysis of the 2009 meeting of the FAO Working Group on the Assessment of Small Pelagic Fish off Northwest Africa. The group made projections of the development of the stocks and on future efforts and catch levels.

FAO Fisheries and Aquaculture Report No. 965
FAO, Rome, 2011
ISBN: 9789250068824
ISSN: 2070-6987
262 pp., 210 x 297 mm
USD 40.00, Paperback

Bilingual English, French

- **Rights available in all languages except: English, French**



Report of the FAO/RECOFI Workshop on Fishery Stock Indicators and Stock Status

Tehran, the Islamic Republic of Iran, 26-29 July 2009
(+ CD-Rom)

The objective of this workshop was to review the availability of data on the biology of the identified priority resources, catch and effort statistics for the relevant fisheries, other socio-economic statistics, results of stock assessments and other relevant research activities in member countries; to identify the major gaps in knowledge and information, priority areas for regional cooperation and potential joint activities; and to formulate the RECOFI work programme for regional cooperation in assessment of stocks and fishery status appraisal in the short- and medium-term. The workshop concluded with a set of recommendations that focused on improvement of data collection and monitoring capacity and members' contributions to scientific knowledge through joint activities

FAO Fisheries and Aquaculture Report No. 970
FAO, Rome, 2011
ISBN: 9789251068502
ISSN: 2070-6987
52 pp., 210 x 297 mm
USD 20.00, Paperback

Available in English

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GFCM. Report of the Seventh Session of the Committee on Aquaculture

Rome, 8-10 March 2011

The Seventh Session of the Committee on Aquaculture reviewed the status of aquaculture in the region and the activities of the networks linked to the committee.

FAO Fisheries and Aquaculture Report No. 972
FAO, Rome, 2011
ISBN: 9789250068411
ISSN: 2070-6987
60 pp., 210 x 297 mm

Bilingual English, French

- **Rights available in all languages except: English, French**



Report of the Twenty-ninth Session of the Committee on Fisheries

Rome,
31 January-4 February 2011

This document reports on the Twenty-ninth session of the Committee on Fisheries (COFI). This meeting reviewed issues of international character, the FAO programme of work in fisheries and aquaculture, adopted the Guidelines for the Ecolabelling of Fish and Fishery Products from Inland Capture Fisheries, supported FAO's role and effort to improve the integration of fisheries and aquaculture development and management, biodiversity conservation and environmental protection and reaffirmed FAO as the primary source of scientific expertise and advice regarding global issues on fisheries and aquaculture.

FAO Fisheries and Aquaculture Report No. 973
FAO, Rome, 2011
ISBN: 9789251069059
ISSN: 2070-6987
70 pp., 210 x 297 mm
USD 20.00, Paperback

Available in English, French, Spanish, Arabic, Russian

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GFCM Report of the Thirteenth Session of the Scientific Advisory Committee

Marseille, France,
7-11 February 2011

The session, attended by delegates from 21 members of the commission as well as observers from intergovernmental organizations, non-governmental organizations, together with the Russian Federation, appraised the achievements of its subsidiary bodies, the activities of the regional projects to support GFCM, as well as the outcome of the Coordinating Meeting of the Sub-Committees (CMSC).

FAO Fisheries and Aquaculture
Report No. 974
FAO, Rome, 2011
ISBN: 9789250068633
ISSN: 2070-6987
260 pp., 210 x 297 mm
USD 45.00, Paperback

Bilingual English, French

- **Rights available in all languages except: English, French**



Report of the FAO Working Group on the Assessment of Small Pelagic Fish off Northwest Africa

Banjul, Gambia,
18-22 May 2010

The overall objective of this working group, is to assess the state of the small pelagic resources in northwest Africa and make recommendations on fisheries management and exploitation options aimed at ensuring optimal and sustainable use of small pelagic fish resources for the benefit of coastal countries..

FAO Fisheries and Aquaculture
Report No. 975
FAO, Rome, 2011
ISBN: 9789250068831
ISSN: 2070-6987
274 pp., 210 x 297 mm
USD 40.00, Paperback

Bilingual English, French

- **Rights available in all languages except: English, French**



Report of the FAO Workshop to Review the Applications of CITES Criterion Annex 2a B to Commercially-Exploited Aquatic Species

Rome, 19-21 April 2011

This is the report of a workshop convened in response to a request from the Fifteenth Conference of the Parties in 2010.

FAO Fisheries and Aquaculture
Report No. 976
FAO, Rome, 2011
ISBN: 9789251068861
ISSN: 2070-6987
20 pp., 210 x 297 mm
UD 12.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Regional Workshop on Fishery and Aquaculture Statistics, Information and Trends: Improving data collection, analysis and dissemination

Antalya, Turkey,
12-14 April 2011

.....

This document presents recommendations to the Central Asian and Caucasus Regional Fisheries and Aquaculture Commission, the governments of the region, and to FAO on the improvement of fisheries statistics and on the collection, analysis and dissemination of data and information.

FAO Fisheries and Aquaculture Report No. 977
FAO, Ankara, 2011
ISBN: 9789250069876
ISSN: 2070-6987
68 pp., 210 x 297 mm
USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Joint Expert Consultation on the Risks and Benefits of Fish Consumption

Rome, 25-29 January 2010

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In response to growing public concern in recent years regarding the presence of chemical contaminants in fish as well as emerging evidence on the multiple nutritional benefits of including fish in the diet, FAO and WHO convened the Joint Expert Consultation on the Risk and Benefits of Fish Consumption. The output is a framework for assessing the net health benefits and risks of fish consumption that will provide guidance to national food safety authorities and the Codex Alimentarius Commission in their work on managing risks, taking into account the existing data on the benefits of eating fish.

FAO Fisheries and Aquaculture Report No. 978
FAO, Rome, 2011
ISBN: 9789251069998
ISSN: 2070-7010
50 pp., 210 x 297 mm
USD 18.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Third Meeting of Regional Fishery Body Secretariats Network

Rome, 7-8 February 2011

.....

This document addresses many pressing issues relating to global and regional fisheries governance, including illegal, unreported and unregulated fishing, the ecosystem approach to fisheries management, small-scale and inland fisheries and the outcomes of the Twenty-ninth Session of FAO Committee on Fisheries.

FAO Fisheries and Aquaculture Report No. 980
FAO, Rome, 2011
ISBN: 9789251069868
ISSN: 2070-6987
68 pp., 210 x 297 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Sixth Session of the Regional Commission for Fisheries

Rome, 10-12 May 2011

This document reviews a range of regional issues and intersessional activities of importance to the conservation and management of fisheries and aquaculture.

FAO Fisheries and Aquaculture Report No. 982
 FAO, Rome, 2011
 ISBN: 9789250070162
 ISSN: 2070-6987
 60 pp., 210 x 297 mm
 USD 27.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the FAO Workshop on Governance of Tenure for Responsible Capture Fisheries

Rome, 4-6 July 2011

This document is the report of the meeting held in Rome in July 2011. It provides an overview of the presentations and discussions held during the workshop, and it presents the conclusions and recommendations agreed upon by participants.

FAO Fisheries and Aquaculture Report No. 983
 FAO, Rome, 2012
 ISBN: 9789251070451
 ISSN: 2070-6987
 40 pp., 210 x 297 mm
 USD 22.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Fifth Meeting of the RECOFI Working Group on Fisheries Management

Tehran, 9-12 October 2011

This document contains the report of the Fifth Meeting of the Regional Commission for Fisheries (RECOFI) Working Group of Fisheries Management (WGFM). The WGFM notably conducted a review of the regional strategy and priorities for regional fisheries management.

FAO Fisheries and Aquaculture Report No. 986
 FAO, Rome, 2011
 ISBN: 9789251070598
 ISSN: 2070-6987
 66 pp., 210 x 297 mm
 USD 28.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Global Conference on Aquaculture 2010 – Farming the waters for people and food

Phuket, Thailand,
20-25 September 2010

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This conference was attended by delegates from 80 countries from all the world's continents. It resulted in the "Phuket Consensus", which reaffirms the commitment to the principles laid out in the 2000 Bangkok Declaration and Strategy.

FAO Fisheries and Aquaculture
Report No. 988
FAO, Rome, 2011
ISBN: 9789251070901
ISSN: 2070-6987
92 pp., 210 x 297 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Report of the Thirteenth Session of the Sub-Committee on Fish Trade

Hyderabad, India,
20-24 February 2012

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The Committee on Fisheries established the Sub-Committee on Fish Trade to serve as a multilateral framework for consultations on international trade in fishery products. This document contains the report of the last session of the Sub-Committee held in India in February 2012.

FAO Fisheries and Aquaculture
Report No. 996
FAO, Rome, 2012
ISBN: 9789250072487
ISSN: 2070-6987
82 pp., 210 x 297 mm
USD 30.00, Paperback

Trilingual English, French, Spanish

- **Rights available in all languages except: English, French, Spanish**



Report of the Workshop on International Guidelines for Securing Sustainable Small-scale Fisheries

Rome,
Italy, 7-10 February 2012

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This document is the report of the meeting held in Rome in February 2012. It includes an overview of the presentations and discussions held during the workshop, and presents the conclusions and recommendations agreed upon by participants.

FAO Fisheries and Aquaculture
Report No. 1004
FAO, Rome, 2012
ISBN: 9789251072219
ISSN: 2070-6987
52 pp., 210 x 297 mm
USD 25.00, Paperback

Available in English

- **Rights available in all languages except: English**



Committee on Fisheries. Report of the Sixth Session of the Sub-Committee on Aquaculture

Cape Town, 26-30 March 2012

This document contains the report of the session adopted by the Sub-Committee.

FAO Fisheries and Aquaculture Reports No. 1006
FAO, Rome, 2012
ISBN: 9789250072548
ISSN: 2070-6987
70 pp., 210 x 297 mm
USD 25.00, Paperback

Trilingual English, French, Spanish

- **Rights available in all languages except:** English, French, Spanish



Indicators for the sustainable development of finfish Mediterranean aquaculture

Highlights from the InDAM Project

This document reports the activities carried out during the first year of the InDAM project "Indicators for Sustainable Development of Aquaculture and Guidelines for their use in the Mediterranean". The methodology applied for the identification of the preliminary list of indicators was based on the Principles, Criteria and Indicators approach and took into consideration the main outcomes and achievements of the recent projects carried out in the Mediterranean in this field. The document also reports the results of various workshops held in France and in Tunisia in 2009; it describes two pilot studies in Turkey and Tunisia, and includes a series of documents gathered and produced by experts involved in InDAM activities.

General Fisheries Commission for the Mediterranean (GFCM): Studies and Review No. 90
FAO, Roma, 2011
ISBN: 9789251067826
ISSN: 0374-7840
232 pp., 210 x 297 mm
USD 65.00, Paperback

Available in English

- **Rights available in all languages except:** English



A regional shellfish hatchery for the Wider Caribbean

Assessing its feasibility and sustainability

It is widely recognized that the development of aquaculture in the Wider Caribbean region is inhibited, in part, by the lack of technical expertise, infrastructure, capital investment and human resources. Furthermore, seed supply for native species relies, for the most part, on natural collection, subject to natural population abundance with wide yearly variations. The establishment of a regional hatchery facility, supporting sustainable aquaculture through the seed production of native molluscan species was discussed at the FAO workshop "Regional shellfish hatchery: A feasibility study" held in Jamaica in October 2010, by representatives of Caribbean governments and experts in the field. The current document summarizes the findings of the workshop and outlines four follow-up recommendations on steps required for the successful implementation of a regional facility.

By: Lovatelli, A., Sarkis, S.
FAO Fisheries and Aquaculture Proceedings No. 19
FAO, Rome, 2011
ISBN: 9789251068489
ISSN: 2070-6103
260 pp., 210 x 297 mm
USD 60.00, Paperback

Available in English

- **Rights available in all languages except:** English



Aquaculture development

5. Use of wild fish as feed in aquaculture

The objectives of these guidelines are to contribute towards the development of aquaculture and the sustainable utilization of feed-fish stocks. The guidelines cover a number of issues relevant to the use of wild fish in feeds in aquaculture, including ecosystem and environmental impacts, ethical considerations on the responsible use of fish as feed, aquaculture technology and development, and statistics and information needs for managing the development of aquaculture. Specific matters relating to the management of fishery resources that may be used as feeds are also briefly considered in these guidelines.

FAO Technical Guidelines for Responsible Fisheries No. 5
 FAO, Rome, 2011
 ISBN: 9789251067154
 ISSN: 1020-5292
 92 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Aquaculture development

6. Use of wild fishery resources for capture-based aquaculture

The objective of these guidelines is to assist countries to develop aquaculture, in particular that involving significant use of natural resources, in a sustainable way that produces the greatest social and economic benefits without compromising the underlying resource base for future generations. These guidelines also consider harvest and post-harvest collection practices, grow-out, feed and broodstock, social and economic factors, and governance considerations.

FAO Technical Guidelines for Responsible Fisheries No. 6
 FAO, Rome, 2011
 ISBN: 9789251069745
 ISSN: 1020-5292
 98 pp., 148 x 210 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Lampreys of the world

An annotated and illustrated catalogue of lamprey species known to date

Lampreys are aquatic, jawless vertebrates belonging to the order Petromyzontiformes. The order comprises 39 species widely distributed in the Northern and Southern hemispheres, but virtually absent in the intervening tropical zones. This catalogue provides an account for each of the 39 species. Each species account gives information on the taxonomy including synonyms, common names, diagnostic features of ammocoetes and adults, habitat and biology, geographic distribution, interest to fisheries, and references.

By: Renaud, C. B.
 FAO Species Catalogue for Fisheries Purposes No. 5
 FAO, Rome, 2011
 ISBN: 9789251069288
 ISSN: 1020-8682
 116 pp., 210 x 297 mm
 USD 30.00, Paperback

Available in English

- **Rights available in all languages except: English**



Guidelines for the ecolabelling of fish and fishery products from inland capture fisheries

These guidelines are applicable to ecolabelling schemes that are designed to certify and promote labels for products from well-managed inland capture fisheries and focus on issues related to the sustainable use of fisheries resources.

FAO, Rome, 2011
 ISBN: 9789250069326
 114 pp., 148 x 210 mm
 USD 20.00, Paperback

Trilingual English, French, Spanish

- **Rights available in all languages except:** English, French, Spanish



Technical guidelines on aquaculture certification

These guidelines provide guidance for the development, organization and implementation of credible aquaculture certification schemes and address a range of issues relevant for certification in aquaculture.

FAO, Rome, 2011
 ISBN: 9789250069128
 130 pp., 148 x 210 mm
 USD 20.00, Paperback

Trilingual English, French, Spanish

- **Rights available in all languages except:** English, French, Spanish



International guidelines on bycatch management and reduction of discards

This publication provides guidance on management factors ranging from an appropriate regulatory framework to the components of a good data collection programme, and includes the identification of measures necessary to ensure the conservation of target and non-target species, as well as affected habitats.

FAO, Rome, 2011
 ISBN: 9789250069524
 84 pp., 148 x 210 mm
 USD 16.00, Paperback

Trilingual English, French, Spanish

- **Rights available in all languages except:** English, French, Spanish



FAO General Fisheries Commission for the Mediterranean

Report of the Thirty-fifth Session, FAO Headquarters, Rome, 9-14 May 2011

A yearly review of activities, with new recommendations and resolutions. For governmental bodies and policy-makers.

General Fisheries Commission for the Mediterranean (GFCM):
Report No. 35
FAO, Rome, 2012
ISBN: 9789251071335
ISSN: 1020-7236
166 pp., 210 x 297 mm
USD 28.00, Paperback

Available in *English, French*

- **Rights available in all languages except:** *English, French*



Second International Congress on Seafood Technology on Sustainable, Innovative and Healthy Seafood

FAO/University of Alaska, 10-13 May 2010, Anchorage, USA

This publication contains the proceedings of the Second International Congress on Seafood Technology held in Alaska, USA. The meeting highlighted that the seafood industry is in a position to take advantage of the many positive aspects that consumption of seafood offers to consumers, while recognizing that there are still challenges ahead to realize fully the potential that seafood can achieve in international and national trade and in meeting consumer expectations.

By: Ryder, J., Ababouch, L., Balaban, M.
FAO Fisheries and Aquaculture Proceedings No. 22
FAO, Rome, 2012
ISBN: 9789251071083
ISSN: 2070-6103
246 pp., 210 x 297 mm
USD 0.00, Paperback

Available in *English*

- **Rights available in all languages except:** *English*



A guide to the background and implementation of the 2009 FAO Agreement on Port State Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing

This publication commences by tracing the development of port state measures as a fisheries management tool through a review of a number of internationally important instruments. The structure, examination and analysis of the agreement are then addressed. Policy, legal and operational checklists for its implementation are presented, followed by a review of capacity development and requirements of developing countries in relation to port state measures. Concerns and challenges to implementation are highlighted prior to the conclusions.

By: Doulman, D.J., Swan, J.
FAO Fisheries and Aquaculture Circulars No. 1074
FAO, Rome, 2012
ISBN: 9789251071465
ISSN: 2070-6065
176 pp., 210 x 297 mm
USD 30.00, Paperback

Available in *English*

- **Rights available in all languages except:** *English*



Codex Alimentarius Commission. Procedural manual Twentieth edition

The Procedural Manual of the Codex Alimentarius Commission is intended to help Member Governments participate effectively in the work of the joint FAO/WHO Food Standards Programme. The manual is particularly useful for national delegations attending Codex meetings and for international organizations attending as observers. It sets out the basic Rules of Procedure, procedures for the elaboration of Codex standards and related texts, basic definitions and guidelines for the operation of Codex committees. It also gives the membership of the Codex Alimentarius Commission. Also published in French and Spanish.

Joint FAO/WHO Food Standards Programme
FAO, Rome, 2011
ISBN: 9789251068212
ISSN: 1020-4091
218 pp., 148 x 210 mm
USD 25.00, Paperback

*Available in English, French,
Spanish*

- **Rights available in all languages**
except: English, French, Spanish



Risk assessment of Vibrio parahaemolyticus in seafood

Interpretative summary and
technical report

Vibrio parahaemolyticus are common causes of diarrhoeal disease worldwide. These marine micro-organisms, native in estuarine waters globally, concentrate in the gut of filter-feeding molluscan shellfish, such as oysters, clams and mussels. This volume considers the applicability of an assessment of the public health impact of raw oysters consumption, developed in one country, to assess the public health risk associated with the consumption of raw oysters harvested in other countries where different growing and harvesting scenarios might exist. This publication and others in this series contain information that is useful to both risk assessors and risk managers, including international scientific committees, governments and food regulatory agencies, food producers and industries and other people or institutions with an interest in the area of microbiological hazards in food and their impact on human health.

Microbiological Risk Assessment
Series No. 16
Copublished with WHO, Rome,
2011
ISBN: 9789251068748
ISSN: 1726-5274
202 pp., 176 x 250 mm
US 48.00, Paperback

Available in English

- **Rights available in all languages**
except: English



Pesticide residues in food 2011

Joint FAO/WHO Meeting on
Pesticide Residues Report 2011

The annual Joint Meeting of the FAO Panel of Experts on Pesticide Residues in Food and the Environment and the WHO Core Assessment Group on Pesticide Residues was held in Geneva, Switzerland from 20-29 September 2011. It was held in pursuance of recommendations made by previous Meetings and accepted by the governing bodies of FAO and WHO, that studies should be undertaken jointly by experts to evaluate possible hazards to humans arising from the occurrence of pesticide residues in foods. This report contains information on ADIs, ARfDs, maximum residue levels, and general principles for the evaluation of pesticides. Recommendations including further research and information, are proposed for use by Member governments of FAO and WHO and other interested parties.

FAO Plant Production and
Protection Paper No. 211
FAO, Rome, December 2011
ISBN: 9789251071038
ISSN: 0259-2517
218 pp., 210 x 297 mm
USD 90.00, Paperback

Available in English

- **Rights available in all languages**
except: English



Compendium of food additive specifications

Joint FAO/WHO Expert Committee on Food Additives. 74th Meeting 2010

This document contains food additive specifications monographs, analytical methods and other information, prepared at the Seventy-fourth Meeting of the Joint FAO/WHO Expert Committee on Food Additives (JECFA). The specifications monographs provide information on the identity and purity of food additives used directly in foods or in food production. The main objectives of these specifications are to identify the food additive that has been subjected to testing for safety, and to ensure that the additive is of the quality required for use in food or in processing. This publication contains information that is useful to all those who work with or are interested in food additives and their safe use in food.

FAO JECFA Monographs No. 11
FAO, Rome, 2011
ISBN: 9789251070048
ISSN: 1817-7077
160 pp., 210 x 297 mm
US 45.00, Paperback

Available in English

- **Rights available in all languages except:** English



Milk and milk products

Second edition

This volume includes Codex standards on milk, milk powders, condensed milks, creams, butter and all sorts of cheeses, and other related texts such as the Code of Hygienic Practice for Milk and Milk Products, published in this compact format to allow their wide use and understanding by governments, regulatory authorities, food industries and retailers, and consumers. This second edition includes all texts adopted by the Codex Alimentarius Commission up to 2011.

FAO/WHO Joint Food Standards Programme
FAO, Rome, 2011
ISBN: 9789251067864
250 pp., 148 x 210 mm
USD 30.00, Paperback

Available in English, French, Spanish

- **Rights available in all languages except:** English, French, Spanish



West African food composition table

The composition of our diet is fundamental to good nutrition and health. And knowing what we eat is essential to dietetics and food science, as well as for biodiversity, agriculture production, and the food industry. This new publication details the composition of 472 foods from the Western Africa region. It also includes nutrient data on the various ways foods are prepared and biodiversity information on local food varieties/cultivars.

FAO, Rome, 2012
ISBN: 9789250072074
170 pp., 210 x 297 mm
USD 40.00, Paperback

Bilingual in English, French

- **Rights available in all languages except:** English, French



Food import and export inspection and certification systems

Fifth edition

Official and officially recognized inspection and certification systems are fundamentally important and very widely used means of food control systems. The confidence of consumers in the safety and quality of their food supply depends in part on their perception as to the effectiveness of these systems as food control measures. In 1991, the Codex Alimentarius Commission undertook the development of guidance documents for governments and other interested parties on Food Import and Export Inspection and Certification Systems. This fifth edition includes texts adopted by the Codex Alimentarius Commission up to 2011. Also published in French and Spanish.

Joint FAO/WHO Food Standards Programme
FAO, Rome, 2012
ISBN: 9789251070772
ISSN: 1020-4091
118 pp., 148 x 210 mm
USD 45.00, Paperback

Available in English, French, Spanish

- **Rights available in all languages except:** English, French, Spanish



Cost-effective management tools for ensuring food quality and safety

The purpose of this manual is to improve and build the capacities of small and medium agro-industrial enterprises in order to guarantee the quality and safety of food products. The manual aims to assist trainers and entrepreneurs wishing to use the material for self-learning. With this manual, FAO provides the small and medium agro-industry sector in developing countries with an important tool for improving competitiveness and the capacity to deliver high-quality products to consumers.

Training Materials for Agricultural Management, Marketing and Finance No. 11
FAO, Rome, 2011
ISBN: 9789251070208
ISSN: 2224-8471
362 pp., 176 x 250 mm
USD 90.00, Paperback
(5 booklets + cardboard box)

Available in English

- **Rights available in all languages except:** English



Key
title

State of the World's Forests 2012

The 2012 edition of State of the World's Forests focuses on the critical role that forests play in sustainable production and consumption systems. In this milestone tenth edition, it is appropriate to take a look back to understand the important role that forests and forestry have played in shaping the world as it is today.

FAO, Rome, 2012
ISBN: 9789251072929
ISSN: 10205705
46 pp, 210 x 290 mm
USD 30.00, Paperback

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

- **Rights available in all languages except:** English, French, Spanish, Arabic, Chinese, Russian



Key
title

State of the World's Forests 2011

The ninth biennial issue of State of the World's Forests, published at the outset of 2011, the International Year of Forests, considers the theme 'Changing pathways, changing lives: forests as multiple pathways to sustainable development'. It takes a holistic view of the multiple ways in which forests support livelihoods. The chapters assembled for this year's State of the World's Forests highlight four key areas that warrant greater attention: regional trends on forest resources; the development of sustainable forest industries; climate change mitigation and adaptation; and the local value of forests. Considered together, these themes provide insights into the true contribution of forests to the creation of sustainable livelihoods and alleviation of poverty.

FAO, Rome, January 2011
ISBN: 9789251067505
ISSN: 10205705
190 pp., 210 x 297 mm
USD 55.00, Paperback

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

- **Rights available in all languages except:** English, French, Spanish, Arabic, Chinese, Russian



Guide to good practice in contract labour in forestry

One aspect of the social pillar of sustainable forest management, which has so far received little attention at the policy level, is the forest workforce. Sustainable forestry requires a sustainable workforce. Very often small enterprises face major challenges in terms of occupational safety and health and economic viability as they lack string structure of cooperation and mutual support. A team of specialist, under the integrated programme of UNECE Timber Committee and FAO, was set up to address this issue. This guide is based on European and North American conditions, but many of its suggestions are applicable elsewhere.

FAO, Rome, May 2011
ISBN: 9789251068779
72 pp., 176 x 250 mm
USD 25.00, Paperback

Available in English

- **Rights available in all languages except:** English



Reforming forest tenure

Issues, principles and process

FAO's Global Forest Resources Assessment 2010 (FRA 2010) shows that 80 percent of the world's forests are publicly owned, but forest ownership and management by communities, individuals and private companies are increasing (FAO, 2010c). Globally, state ownership and management dominate forest tenure, but transitions are under way – more in some countries than in others. A more diversified tenure system could provide a basis for improving forest management and local livelihoods, particularly where state capacities to manage forests are weak. This publication provides practical guidance for policy-makers and others concerned with addressing forest tenure reform.

FAO Forestry Paper No. 165
FAO, Rome, 2011
ISBN: 9789251068557
ISSN: 0258-6150
108 pp., 176 x 250 mm
USD 30.00, Paperback

Available in English

- **Rights available in all languages except:** English



Key title

Highlands and drylands

Mountains, a source of resilience in arid regions

Dryland mountains are of great strategic value to regional and global development. They provide up to 90 percent of the freshwater supply to surrounding dry lowlands with more than a quarter of the world's biodiversity hotspots found in drylands mountains. Yet these mountains regions are under increasing threat from climate change and unsustainable forms of land use, including mining and tourism. This publication presents the socio economy and environment of dryland mountains, the current threats they face, and good practice in sustainable development. It concludes with key messages for policy and decision-makers.

Copublished with Centre for Development and Environment of the University of Bern, Rome, 2011
ISBN: 9789251068915
112 pp., 210 x 297 mm
USD 60.00, Paperback

Available in English

- **Rights available in all languages except:** English



Key title

Fruit trees and useful plants in Amazonian life

This publication is a testament to the enormous potential that integrating traditional and scientific knowledge can have for both local communities and academic and development professionals alike. It also serves as a reminder to the scientific community that science should be shared with local people and not confined to journals and closed circles of technical experts. From Brazil nuts and Cat's claw to Copaiba and Titica, this book shares a wealth of information on a wide range of plant species that only close collaboration between local peoples and researchers could possibly breed.

By: Shanley, P., Cymerys, M., Serra, M., Medina, G.
Non-Wood Forest Products No. 20
FAO, Rome, 2011
ISBN: 9789251070079
ISSN: 1020-9719
378 pp., 210 x 297 mm
USD 50.00, Paperback

Available in English, Spanish

- **Rights available in all languages except:** English, Spanish



Guide to implementation of phytosanitary standards in forestry
(Revised edition)

This guide provides easy-to-understand information on how good forest management practices and well implemented phytosanitary standards can minimize pest spread and facilitate safe trade. It explains how the International Standards for Phytosanitary Measures (ISPMs) and National Plant Protection Organization (NPPO) regulations affect the import and export of forest commodities and how relevant ISPMs can be used to prevent pest introduction and spread. This publication will be of vital interest to people involved in nursery activities, planting, managing, harvesting, manufacturing, trading and transporting forest products. It will also benefit forest policy-makers, planners, managers and educators, particularly in developing countries.

FAO Forestry Paper No. 164
FAO, Rome, 2011
ISBN: 9789251070086
ISSN: 0258-6150
118 pp., 176 x 250 mm
USD 30.00, Paperback

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

- **Rights available in all languages except:** English, French, Spanish, Arabic, Chinese, Russian



Community-based fire management

A review

This publication is based on the experiences of FAO and partners in community-based fire management (CBFiM). The concept of CBFiM emphasizes the importance of local communities in policy development and fire management practices. Several case studies from Australia, Mexico and the United States of America highlight the importance of community access to land and natural resources, particularly in relation to fire management decision-making. The publication defines current limiting factors of implementation while underlining the importance of effective partnerships within and outside the communities.

FAO Forestry Paper No. 166
FAO, Rome, 2011
ISBN: 9789251070949
ISSN: 0258-6150
98 pp., 176 x 250 mm
USD 30.00, Paperback

Available in English

- **Rights available in all languages except:** English



Sustainable forest industries

Opening pathways to low-carbon economy

Forests are an important source of forest-based biomass for the production of fossil fuels; forestry is vital to human development, which brings with it environmental and sustainability challenges. The Forestry Department of the FAO has a clear strategy to recognize the importance of the forestry industry and its role in promoting and achieving sustainable forestry practices. The forest sector and industry have the potential to open up pathways to implement low-carbon investments in partnerships with other sectors, and to steer towards a more responsible economy. This book provides a strategic outlook for the future of forest industries, covering: mitigation of climate change, forest-based carbon trade, carbon-constrained economy, forest industries and bio-energy, and innovation pathways.

By: Tissari, J., Nilsson, S., Oinonen, H.
Copublished with CABI, Wallingord, UK, 2012
ISBN: 9781780640488 (Cabi)
ISBN: 9789251072215 (FAO)
184 pp., 172 x 244 mm
USD 145.00, Hardback

Available in English

- **Rights available in all languages except:** English



Forthcoming title

Poplars and willows

Trees for society and the environment

Poplars and willows form an important component of forestry and agricultural systems, providing a wide range of wood and non-wood products. This book synthesizes the latest research on poplars and willows in an accessible format, providing a practical worldwide overview and guide to their basic characteristics, cultivation and use, and issues, problems and trends. Prominence is given to environmental benefits and the importance of poplar and willow cultivation in meeting the needs of people and communities, sustainable livelihoods, land use and development.

Edited by: J G Isebrands, J. G., Richardson, J.

Copublished with CABI, Wallingford, UK, 2013
ISBN: 9781780641089 (Cabi)
ISBN: 9789251071854 (FAO)
624 pp., 172 x 244 mm
USD 260.00, Hardcover

Available in English

- **Rights available in all languages except: English**



Key title

The State of Land and Water Resources

Managing systems at risk

This is the first global, baseline status report on land and water resources. It is based on several global spatial databases (e.g. land suitability for agriculture, land use and management, land and water degradation and depletion) for which FAO is the world-recognized data source. Topical and emerging issues on land and water are dealt with in an integrated rather than sectoral manner. The implications of the status and trends are used to advocate remedial interventions that are tailored to major farming systems within different geographic regions.

Copublished with Earthscan, London, 2011
ISBN: (FAO): 9789251066140
ISBN: (Earthscan): 9781849713276
294 pp., 180 x 260 mm
USD 150.00, Hardcover
USD 55.00, Paperback

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

- **Rights available in all languages except: English, French, Spanish, Arabic, Chinese, Russian**



Key title

Voluntary guidelines on the responsible governance of tenure of land, fisheries and forests in the context of national food security

The guidelines are the first comprehensive, global instrument on tenure and its administration to be prepared through intergovernmental negotiations. The guidelines set out principles and internationally accepted standards of responsible practices for the use and control of land, fisheries and forests. They provide guidance for improving the policy, legal and organizational frameworks that regulate tenure rights; for enhancing the transparency and administration of tenure systems; and for strengthening the capacities and operations of public bodies, private sector enterprises, civil society organizations and people concerned with tenure and its governance. The guidelines place the governance of tenure within the context of national food security, and are intended to contribute to the progressive realization of the right to adequate food, poverty eradication, environmental protection and sustainable social and economic development.

FAO, Rome, 2012
ISBN: 9789251072776
40 pp., 176 x 250 mm
USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Land Tenure Journal No. 2/11

Land Tenure Journal disseminates quality information and diversified views on land and natural resources tenure, and aims to be a leading publication in the areas of land tenure, land policy and land reform. The prime beneficiaries of the journal are land administrators and professionals, although it also allows room for relevant academic contributions and theoretical analyses.

FAO, Rome, 2011
ISBN: 9789250070315
ISSN: 2079-715X
192 pp., 210 x 230 mm
USD 45.00, Paperback

*Trilingual English, French,
Spanish*



Assessing and responding to land tenure issues in disaster risk management

This manual is for people working on emergency response and disaster risk management. It aims to provide an overview of the major land issues that may arise following a natural disaster that require consideration and inclusion in the decision-making processes associated with response. The manual is also intended for people who work in the land sector, to provide information on the challenges that may be faced in the context of emergency response and recovery from disasters.

By: Mitchell, D.
FAO, Rome, 2011
ISBN: 9789251068083
120 pp., 210 x 297 mm
USD 35.00, Paperback

Available in English

- **Rights available in all languages except: English**



Wildlife law and the empowerment of the poor

Wildlife law can contribute to the legal empowerment of the poor to varying extents by: granting local and indigenous communities clear and secure rights to conserve wildlife, use it sustainably and benefit from it, particularly through community-based wildlife management schemes; recognizing and supporting sustainable traditional use; and requiring participatory wildlife management planning and impact assessment processes. This publication systematically explores the conditions, approaches and options in drafting national wildlife laws that ensure environmental sustainability and empower the poor.

By: Morgera, E.
 FAO Legislative Study No. 103
 FAO, Rome, 2010
 ISBN 9789251067109
 ISSN 1014-6679
 342 pp., 176 x 250 mm
 USD 40.00, Paperback

Available in English

- **Rights available in all languages except: English**



Legislative and regulatory options for animal welfare

Animal welfare is inextricably linked to animal health, human health and ethical concerns. Burgeoning international trade is triggering more interest in animal welfare, in particular in countries wishing to increase trade in animals and foods of animal origin. This publication reviews the legislative framework for animal welfare, providing options for policy-makers and legal drafters. The text is set against the backdrop of developments in animal welfare science and growing international consensus on the importance of animal welfare.

By: Vapnek, J., Chapman, M.
 FAO Legislative Study No. 104
 FAO, Rome, 2010
 ISBN 9789251067116
 ISSN 1014-6679
 102 pp., 176 x 250 mm
 USD 20.00, Paperback

Available in English

- **Rights available in all languages except: English**



Statutory recognition of customary land rights in Africa

An investigation into best practices for lawmaking and implementation

Given the recent trend of granting vast areas of African land to foreign investors, the urgency of placing real ownership in the hands of the people who live and make their livelihood upon lands held according to custom cannot be overstated. This publication provides guidance on how best to recognize and protect the land rights of the rural poor and investigates the various over-arching issues related to the statutory recognition of customary land rights. It cautions lawmakers that even excellent laws may, in their implementation, fall prey to political manipulation and suggests various oversight and accountability mechanisms that may be established to ensure that the law is properly implemented, the land claims of rural communities are protected and the legislative intent of the law is realized.

By: Knight, R.S.
 FAO Legislative Study No. 105
 FAO, Rome, 2010
 ISBN 9789251067284
 ISSN 1014-6679
 320 pp., 176 x 250 mm
 USD 40.00, Paperback

Available in English

- **Rights available in all languages except: English**

Plant production and protection



Green manure/cover crops and crop rotation in conservation agriculture on small farms

The objective of this publication is to offer reference material for extensionists, professors, agronomy students, technicians in general, and for farmers themselves. Through information that is up-to-date and richly illustrated, it strives to facilitate the adoption and diffusion of No-Tillage, the use of green manures, and the practice of crop rotation on small farms. The publication describes the principal species of green manures and, at the same time, informs in detail how to insert green manures into small farm production systems according to soil fertility and major crops. It also analyses the economic implications of these practices.

By: Florentín, M.A., Peñalva, M., Calegari, A., Derpsch, R.
Integrated Crop Management
Vol. 12-2010
FAO, Rome, 2011
ISBN: 9789251068564
ISSN: 1020-4555
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The way forward for sustainable production intensification

Trees in crop-livestock systems often add significant synergistic values. Innovations that can strengthen the multi-dimensional role of integrated crop-livestock-trees systems and their resilience are taking place, and there is a need to share this knowledge more efficiently and to build jointly owned research and development programmes to achieve critical mass of expertise and financial resources focused on helping farmers in major agro-ecologies. These proceedings of the electronic and face-to-face consultation held early in 2010 are just a first step. FAO is committed to continuing its involvement in the development of effective farm-level and area-wide integrated systems focused on sustainable production intensification of crops and livestock.

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Conservation agriculture and sustainable crop intensification in Karatu district, Tanzania

The present publication describes the experiences of introducing conservation agriculture as a concept for sustainable crop production intensification in farming communities of Karatu District, Tanzania. The case study explains the adoption process that shows the impact of conservation agriculture in terms of agricultural production, environment and ecosystem services, livelihoods and other socio-economic factors. The case study is aimed at policy-makers, scientists and environmentalists and should help decision-making towards sustainable intensification concepts for agriculture.

Integrated Crop Management
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FAO Statistical Development Series, Special Issue
FAO and UNFPA, Rome, 2012
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Yearbook of forest products 2010

The Yearbook of forest products is a compilation of statistical data on basic forest products for all countries and territories of the world. It contains a series of annual data on the volume of production and the volume and value of trade in forest products. It 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 or official publications.

FAO Statistics Series No. 201
FAO Forestry Series No. 45
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