Selected Bibliography of full-text FAO resources

This bibliography of selected FAO publications and documents provides FAO materials related to the themes of the Thirty-fifth Session of the FAO Regional Conference for Asia and the Pacific (APRC 35), Thimphu, Bhutan 17-20 February 2020.

The organization of the references loosely follows the Annotated Agenda for the conference. The documents can contribute valuable background information or context as part of the knowledge sharing of the event.

Each entry gives a title, date, brief abstract, and an external link to the pdf. The pdf of the item is also accessible by clicking on the cover image.

The materials collected here are a sample of the thousands of information products FAO produces yearly to support or as outcomes of its policies, programmes and projects. To access the entire collection of FAO publications, documents and information products, please visit www.fao.org/publications.

APRC & FAO Official Documentation

APRC official documentation for the current session is available online here.

For previous conference sessions, please follow the links under “All Sessions” to each session of APRC where you will find the Report of the Session and information items for that session.

Please find links to the PWB for FAO here.

Please click on the title to access the Basic Texts (2017) online.

Please click on the title link to access the Guide on Conduct of Plenary Meetings. (2017).
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FAO Flagships

FAO FLAGSHIPS (Links to complete series): FAO’s “The State of the World” publications provide a comprehensive overview of the most pressing global issues and challenges affecting the world today. Visit the [FAO Flagship Publications webpage](https://www.fao.org) to find the entire collection.
The State of Food Security and Nutrition in the World 2019 is an important measure of global progress towards the Sustainable Development Goal of Zero Hunger. It gives an updated estimate of the number of hungry people in the world, including regional and national breakdowns, and the latest data on child stunting and wasting as well as on adult and child obesity.

The State of Food Security and Nutrition in the World (SOFI) 2018 SOFSN 2018 looks at how internal and international migratory flows link to economic development, demographic change, and natural-resource pressure.

Asia and the Pacific Regional Overview of Food Security and Nutrition 2019. A special section of this report discusses how to develop social protection programmes that accelerate progress in eradicating hunger and malnutrition.

2018 Asia and the Pacific Regional Overview of Food Security and Nutrition. The 2018 Overview focuses on the need to accelerate work to achieve Zero Hunger and it presents new analyses, updates on key indicators of food security and nutrition, and offers new insights on prominent drivers of food insecurity.
State of Food and Agriculture (SOFA) 2019. This new edition of the report focuses on food losses and waste, providing new estimates of the world’s food post-harvest up to, but excluding, the retail level. Addressing policy makers, the report also offers a comprehensive analysis of the critical loss points in specific supply chains, thus providing examples on appropriate measures for an effective reduction.

The State of Food and Agriculture (SOFA) 2018 looks at how internal and international migratory flows link to economic development, demographic change, and natural-resource pressure.

The State of World Fisheries and Aquaculture (SOFIA) 2018. The 2018 edition of SOFIA emphasizes the sector’s role in achieving the 2030 Agenda for Sustainable Development and the Sustainable Development Goals, and measurement of progress towards these goals.

The State of the World’s Forests (SOFO) 2018. SOFO 2018 identifies actions that can be taken to increase the contributions of forests and trees that are necessary to accelerate progress towards the SDGs.

The State of the World’s Biodiversity for Food and Agriculture. 2019. The report is the first global assessment of biodiversity for food and agriculture worldwide. Prepared through a participatory, country-driven process, the report draws on information from 91 country reports to provide a description of the roles and importance of biodiversity for food and agriculture, the drivers of change affecting it and its current status and trends.

The future of food and agriculture: Alternative pathways to 2050. 2018. This report explores three different scenarios for the future of food and agriculture, based on alternative trends for key drivers, including income growth and distribution, population growth, technical progress and climate change.

BUILDING RESILIENT FOOD SYSTEMS

The 10 elements of agroecology: Guiding the transition to sustainable food and agricultural systems 2018. (UNDP & FAO) Agroecology is an integrated approach that simultaneously applies ecological and social concepts and principles to the design and management of food and agricultural systems. This document describes how agroecology’s 10 elements can be used in a transition process.
City Region Food Systems and Food Waste Management

Dynamic development, shifting demographics and changing diets 2018. The main purpose of the publication is to synthesize and integrate trends and developments across a wide range of topics, many of which are outside the traditional boundaries of food policy discussions.

Evidence-based assessment of the sustainability and replicability of integrated food energy systems 2014. This publication presents an analytical framework that serves to screen different IFES options systematically and helps to define which IFES systems are sustainable and replicable.

A vision for City Region Food Systems: Building sustainable and resilient city regions 2015. (RUAF & FAO) This brochure describes current successful projects to promote sustainable urban food systems.
Empowering youth to engage in responsible investment in agriculture and food systems: Guidance for organizers and facilitators of the rapid capacity assessment tool 2018. This rapid capacity assessment tool aims to help practitioners (such as government agencies, youth organizations, or development partners) to carry out a multi-stakeholder assessment of existing and needed capacities to engage and empower youth to carry out and benefit from responsible investment in agriculture and food systems.


Food systems for an urbanizing world 2018. (WB & FAO) This FAO-World Bank report presents a narrative stressing the centrality of food to the future of cities, countries and the planet, and to jobs, human health, food security and climate change, and proposes the TRANSFORM framework to develop food-smart cities.

Future Smart Food: Rediscovering hidden treasures for Zero Hunger 2018. Future Smart Food (FSF), often referred to as Neglected and Underutilized Species (NUS), are rich in Asia. They represent a promising abundance of food resources and constitute the bedrock of the food system diversity. FSF have enormous benefits which are nutrition-dense, climate-smart and economic viable.
Healthy diets through agriculture and food systems 2016. This brochure presents basic information on healthful eating and nutrition.

Key Recommendations for Improving Nutrition through Agriculture and Food Systems 2015. A flyer with point-form suggestions on accelerating change.

Nutrition-sensitive agriculture and food systems in practice-Revised edition 2018. This publication provides a list of food system-based intervention options to improve nutrition and a set concrete entry points for maximizing the impact of each intervention. It is a key resource to assist professionals involved in different areas - from breeding to production; from food transformation and packaging to transportation and trade; from marketing and value chain to food safety; from food labelling to consumer education.

Participatory Guarantee Systems (PGS) for Sustainable local food systems 2018. This info sheet presents the key concepts related to Participatory Guarantee Systems (PGS), where they are found, why they are suitable for smallholder farmers and the benefits. PGS is a low-cost, locally based system of quality assurance with a strong emphasis on social control and knowledge building with the active participation of farmers, consumers, rural advisors, and local authorities.
Proceedings of the FAO/WHO International Symposium on sustainable food systems for healthy diets and improved nutrition 2017. These proceedings include summaries of the parallel sessions and summaries and transcriptions from the plenary and Decade of Action sessions held to contribute to better-informed, accelerated action at national, regional and global levels on the urgent need to improve the human and environmental health of food systems worldwide and achieve the Sustainable Development Goals.

Plates, pyramids, planet: Developments in national healthy and sustainable dietary guidelines: a state of play assessment 2016. While the tools and actions needed to achieve the necessary changes in diets are many, this report specifically considers the role of national level dietary guidelines in providing a steer on what dietary patterns that are both healthy and sustainable look like.

Save and Grow in practice: maize, rice, wheat: A guide to sustainable cereal production 2015. With examples from Africa, Asia and Latin America, it shows how ecosystem-based farming systems are helping smallholder farmers to boost cereal yields, strengthen their livelihoods, reduce pressure on the environment, and build resilience to climate change.

Strengthening sustainable food systems through geographical indications: An analysis of economic impacts 2017. (FAO & European Bank) This study seeks to provide empirical evidence on the economic impacts that are generated through the Geographical Indication (GI) process beginning with the official recognition of a GI and the steps that follow. It focuses on the food sector and reviews nine cases, offering a variety of national contexts and local value chains.
**Sustainable crop and food systems in an urbanizing world - Revised version** 2017. FAO supports member countries to meet the challenges of an urbanizing world by promoting the integration of Urban and Peri-urban Horticulture (UPH) into national and local agricultural development strategies, food and nutrition programmes and urban planning.

**Sustainable value chains for sustainable food systems** 2016. The FAO/UNEP programme organized a workshop on “Sustainable Value Chains for Sustainable Food Systems” in June, 2016. This publication is a compilation of the papers presented at the workshop, including a summary of appropriate pathways towards more sustainable food chains, contributing to sustainable food systems.

**Technical summary report: Round table meeting on Food Safety Indicators (FSI)** 2019. A round table session on food safety indicators (FSI) was held on 18 April 2019 at Friendship Hotel, Beijing during the 10th International Forum on Food Safety and Health (IFoFSH).

**Transnational corporations, food systems and their impacts on diets in developing countries** 2017. The objective in this technical note is to look at transnational corporations in the food industries and study the conceptual issues in trying to assess causation for diet change and to examine the (limited) empirical evidence supporting alternative views.
Urban Food Systems Diagnostic and Metrics Framework: Roadmap for future geospatial and big data analytics. 2017 (WB & FAO). The report underscores the significant challenges arising from the dearth of data on and empirical analysis of food systems, which constitutes a major impediment to advancing work in this new and diverse area.

REGIONAL ISSUES FOR NATURAL RESOURCES MANAGEMENT and CLIMATE CHANGE

Antimicrobial Resistance Policy Review and Development Framework. 2018. This book is a regional guide for governments in Asia and the Pacific to review, update and develop policies to address antimicrobial resistance and antimicrobial use in animal production.

Antimicrobial Resistance. What is it? 2018. This flyer explains the basic information of AMR and the urgent need to address the issue.

Antimicrobial resistance: The role of food and agriculture. 2018. The four focus areas of the FAO Action Plan on AMR are included in this brief brochure on AMR.
Asia-Pacific Forest Sector Outlook Study (APFSOS III): Forest Futures. 2019. Asia-Pacific’s forests & landscapes are rapidly changing and a sustainable future is possible. This is the third forest sector study, with a in-depth analysis of the current situation and projections for the future.

Asia Regional Synthesis for The State of the World’s Biodiversity for Food and Agriculture. 2019. The Asia Regional Synthesis summarizes the state of biodiversity for food and agriculture in the region, based largely on information provided in eight country reports submitted to FAO as part of the reporting process for the report on The State of the World’s Biodiversity for Food and Agriculture.

Assessing Sustainable Diets within the Sustainability of Food Systems 2015. This publication presents the proceedings of the international workshop “Assessing Sustainable Diets within the Sustainability of Food Systems. Mediterranean Diet, Organic Food: New Challenges.”

Climate Change and Food Systems: global assessments and implications for food security and trade. 2015. The 11 chapters cover the latest scientific and economic evidence on climate impact assessments of crop and livestock systems.
**Climate Smart Agriculture: Building resilience to climate change** 2017. (Springer Open) Climate Smart Agriculture (CSA) is a concept that calls for integration of the need for adaptation and the possibility of mitigation in agricultural growth strategies to support food security.

**Conservation Agriculture** 2017. Conservation Agriculture is a response to sustainable land management, environmental protection and climate change adaptation and mitigation. This factsheet is about conservation agriculture FAO’s work in this area.

**Eighth Asia-Pacific workshop on multisectoral collaboration at the animal-human-ecosystems interface** 2019. Summary of the report.

**FAO Report on the 2010 International Scientific Symposium on Biodiversity and Sustainable Diets** 2011. The Symposium produced a consensus position on a definition of “sustainable diets” as those diets with low environmental impacts that contribute to food and nutrition security and to healthy life for present and future generations.
**FAO Strategy on Climate Change** 2017. The Climate Change Strategy has been formulated to focus FAO’s work on climate change to best serve its Member States in achieving their commitments under the Paris Agreement and their priorities under the Sustainable Development Goals. It translates FAO’s core mandate into strategic choices and action priorities at global, regional and national levels.

**Final Report for the International Symposium on Agroecology for Food Security and Nutrition** 2014. This report provides an overview of the Symposium and the COAG side-event.


**Monitoring and surveillance of antimicrobial resistance in bacteria from healthy food animals intended for consumption**: Regional antimicrobial resistance monitoring and surveillance guidelines - Volume 1. 2019. The guideline encourages countries to initiate AMR surveillance regardless of their capacity, and it also provides guidance and recommended approaches to progressively move towards a regionally harmonized and standardized approach at the outset, which will be important for comparability and monitoring changes in the susceptibility of target bacteria to specific antimicrobials over the years to come.

**Monitoring global progress on antimicrobial resistance**, 2018. The global tripartite (FAO, OIE, WHO) self-assessment survey of country progress in addressing antimicrobial resistance (AMR) is a component of a broader approach for monitoring and evaluation of the global action plan on AMR. This report analyses the results of the second tripartite self-assessment survey.
Mountain Agriculture: Opportunities for harnessing Zero Hunger in Asia. 2019. This publication – led by FAO’s Regional Office for Asia and the Pacific and partners from national governments, national agriculture institutes, universities, international organizations and international research institutes – aims at raising awareness of the issues encountered by mountain farmers in Asia, and outline how mountain agriculture could better contribute to food security and better nutrition in Asia.

Pacific Regional Synthesis for The State of the World’s Biodiversity for Food and Agriculture. 2019. The Pacific Regional Synthesis summarizes the state of biodiversity for food and agriculture in the region, based largely on information provided in ten country reports submitted to FAO as part of the reporting process for the report on The State of the World’s Biodiversity for Food and Agriculture.

Regional Overview: Evidence-based risk management along the livestock production and market chain. 2019. This FAO, USAID & AusAid addresses the risks, emergence and spread of new pandemic disease threats such as HPAI and other emerging and transboundary animal diseases.


Water Scarcity Management - Addressing water scarcity in agriculture and food systems. 2019. This brochure captures the high-level issues and opportunities in adapting to water scarcity in agriculture in a changing climate.
HAND-IN-HAND INITIATIVE, PARTNERSHIPS & COOPERATION, THE 2030 AGENDA and the SUSTAINABLE DEVELOPMENT GOALS

The 2030 Agenda and the Sustainable Development Goals: The challenge for aquaculture development and management 2017. This report explores the nature of the 2030 Agenda, its goals and targets, and their relevance to aquaculture development.

Achieving the Sustainable Development Goals requires investing in rural areas 2018. In order to help boost small-scale farm productivity and incomes, and to create vast amounts of off-farm employment in expanding segments of food supply and value chains, new strategies are needed to leverage the untapped potential of food systems through agro-industrial development.

Animal Nutrition in FAO and Sustainable Development Goals 2017. This infographic illustrates FAO work in the livestock sector to establish linkages and demonstrate how various programmes and activities contribute to realisation of the SDGs.
FAO and the SDGs Indicators: Measuring up to the 2030 Agenda for Sustainable Development 2017. This publication presents FAO’s work in developing and strengthening indicators that measure food, agriculture and the sustainable use of natural resources, shining a light on the 21 indicators of FAO custodianship.

FAO Regional Initiatives: Supporting member states to achieve the Sustainable Development Goals 2018. This brochure describes the work FAO plans to undertake in Asia-Pacific to support member states in achieving SDGs through five Regional Initiatives in 2018-19, notably Zero Hunger, Blue Growth, Climate Change, One Health, and the Inter-regional Initiative on SIDS for the Pacific.

Forest and Farm Producers, key in implementing SDGs 2016. The main focus is on ways in which producer organizations lead to direct SDG benefits, but many indirect benefits also spring from improved livelihoods and decision-making.

Highlights of the Rome-based Agencies on South-South and Triangular Cooperation 2017-2018 (FAO, IFAD & WFP). The Sustainable Development Goals (SDGs) are interlinked, indivisible and interconnected, and that their approach to address these commitments must be multi-sectoral, requiring widespread strategic partnerships.

How to place food and agriculture in the SDGs on the national planning menu. A 10-point guide 2016. This pocket book guide offers practical steps on how FAO country offices can support governments translate and integrate the SDGs to national development plans, and help raise greater awareness of the centrality of food and agriculture to the new 2030 Agenda.

Implementing Agenda 2030 in Food and Agriculture: Accelerating Policy Impact through Cross-Sectoral Coordination at the Country Level 2017. This paper is an initial effort to provide indicative approaches for working across sectors in tackling complex issues related to sustainable food and nutrition, agricultural systems and natural resources.

Partnering towards zero hunger and sustainability 2017 The Multipartner Programme Support Mechanism (FMM) of the FAO is an innovative fund for partners willing to contribute to FAO’s work through unearmarked or slightly earmarked funds that are used strategically to support progress towards a world without hunger or poverty, and where natural resources are used sustainably.
Public-Private Partnerships for Agribusiness Development: A review of international experiences 2016. FAO has gathered 70 case studies from 15 developing countries along with evidence from field-based support to PPP initiatives for agribusiness development in Central America and Southeast Asia.

Public-Private Partnerships in Fragile States: Reflection on the practice, challenges and opportunities in Somaliland 2018. The thrust of this paper is that public and private sector partnership if enhanced in Somalia will create incremental effect to development which can later on be strengthened by a stable and credible polity.

Transforming food and agriculture to achieve the SDGs: 20 interconnected actions to guide decision-makers 2018. This guide presents a set of actions to speed up the transformation to sustainable food and agriculture that are based on evidence, experience, technical expertise and collective knowledge within FAO.

Towards country-specific SMART commitments for action on nutrition: Towards country-specific SMART commitments for action on nutrition 2016. This brochure explains the Rome Declaration on Nutrition and the opportunity of the UN Decade of Action for all countries and stakeholders to unite around a common framework and to increase the visibility, coordination, efficiency and effectiveness of nutrition action at all levels across the world.
What gender mainstreaming means in practice 2018. This publication focuses on case studies from five member countries of the European Union (EU). These illustrate how gender equality issues can be addressed in agriculture and rural development policies (including fisheries and aquaculture, forestry and livestock), programmes and practices.

Working with countries of Asia and the Pacific to achieve the 2030 Agenda, 2019. The report summarizes country achievements in the Asia and Pacific region in advancing towards the 2030 SDG deadlines. These success stories involve FAO offices working with governments and partners in some 21 countries in Asia and a compilation of success stories from the Pacific. It was initially published for presentation at the 35th Session of the FAO Regional Conference for Asia and the Pacific (APRC-35) in Thimphu, Bhutan (17-20 February 2020), but these achievements will be of interest to member countries and other development partners for several years to come.

BUILDING RESILIENT FISHERIES

Building Climate-Resilient Fisheries and Aquaculture in the Asia-Pacific Region 2019. This book presents the outcome of a regional consultation on addressing climate change in relation to fisheries and aquaculture in the Asia-Pacific region through the development and implementation of regional and national policies, programmes and projects.

Combatting and eliminating illegal, unreported and unregulated (IUU) fishing in the Asia-Pacific region, 2019. This brochure outlines the work of FAO in the region on IUU fishing and describes the international instruments to combat IUU fishing.
FAO Regional Training Workshop on Innovative Integrated Agro-Aquaculture for Blue Growth in Asia-Pacific, Kunming, China, 12-17 June 2017. 2019. The training workshop was organized to share IAA models, experiences and lessons in IIA development, for the purpose of extension and improvement of rice-fish systems and similar IAA models, with low input and high output.

Fisheries of the Pacific Islands: Regional and national information. 2018. This report provides information on the coastal and oceanic fisheries in each of the 14 independent Pacific Island countries.


Guidelines for increasing access of small-scale fisheries to insurance services in Asia: A handbook for insurance and fisheries stakeholders. This handbook is in support of the implementation of the “Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries in the Context of Food Security and Poverty Eradication.”

Guidelines for micro-finance and credit services in support of small-scale fisheries in Asia: A handbook for finance and fisheries stakeholders. 2018. This handbook is in support of the implementation of the “Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries in the Context of Food Security and Poverty Eradication.”
The International Year of Artisanal Fisheries and Aquaculture (IYAFA) 2022. This flyer announces the IYFA.

Promoting greater coherence between small-scale fisheries and social protection policies, mechanisms and programs in Cambodia: Research Summary. 2019. This brochure presents recommendations to promote social protection policies for fisher-farmers.

Report of the Regional Workshop on Fisheries Tenure and User Rights: Southeast Asia & Bay of Bengal (SEABOB), Bangkok, Thailand, 3–5 September 2019. This workshop is the first of a series of regional workshops on fisheries tenure and user rights. It aims to discover regional nuances and specificities of the SEABOB area to develop how-to guidance on appropriate tenure systems and rights-based approaches for fisheries.

Step-wise guide for the implementation of international legal and policy instruments related to deep-sea fisheries and biodiversity conservation in the areas beyond national jurisdiction. 2019. This step-wise guide aims to assist with the implementation of relevant international instruments pertaining to deep-sea fisheries and biodiversity conservation in areas beyond national jurisdiction, especially the high seas, into national policy and law. This guide focuses on the incorporation and transposition of international rules, standards, and recommended practices and procedures into national policy and law.

Testing the use of electronic monitoring systems to combat IUU fishing: Results from pilot activities in Fiji and Ghana. 2018. This brief flyer gives an overview of the EMS tool and its advantages in combatting IUU fishing.

FAMILY FARMING
Agroecological rice production in China: Restoring biological interactions. 2018. Rice is the most important food crop, both worldwide and for China. To achieve a transition towards sustainable rice production based on agroecology, biodiversity is a crucial component.

Concepts and realities of family farming in Asia and the Pacific. 2016. This working paper describes the variations of family farming in the region and makes recommendations.

Family Farming in the Pacific Islands Countries. 2018. This brochure introduces the challenges and opportunities for family-based farming in the Pacific Island Countries (PICs).

The future of family farming in the context of the 2030 Agenda. 2019. The Decade offers an opportunity to build on the policy consultations held during the Year to focus efforts of the international community on working with family farmers to ensure the required mechanisms are in place to strengthen their roles in contributing to sustainable development and the achievement of the SDGs.

Mountain Farming Is Family Farming. 2013. This publication intends to raise awareness of the importance of mountain family farming in sustainable development worldwide and encourage investment in this sector.
Report of the Multi-Stakeholder Consultation on Agroecology for Asia and the Pacific. 2016. Agroecological solutions to problems of pollution, chemical pesticide dependence, decrease in farming incomes and degradation of the environment combine traditional farming practices with existing and novel farming holistic management systems.


TAPE Tool for Agroecology Performance Evaluation 2019 – Process of development and guidelines for application. 2019. This is a global analytical framework for the multidimensional assessment of the performance of agroecology.


Where Food Begins: Soils, a foundation for family farming. 2015. Read this brochure to discover soil's functions and the risks it's running right now.
Why invest in participatory guarantee systems? Opportunities for organic and agriculture and PGS for sustainable food systems. 2019. FAO and FOAM. The publication aims to raise awareness of PGS among governments, local authorities, development partners, donors, small and medium-sized enterprises (SMEs) and local nongovernmental organizations (NGOs) to encourage them to invest in PGS.

NEW TOOLS, DATA, and INNOVATION

Building agricultural market information systems 2017. This publication reviews the features of Market Information Systems (MIS) development for agriculture, focusing on price information and new technologies for price data collection and dissemination.

Digital agriculture transformation and digital innovation. 2019. Read about how FAO is transforming ideas into value in a sustainable way for #ZeroHunger.

Digital Innovation Accelerator Programme: Transforming high-potential ideas into large-scale digital services to empower rural farmers and democratize food and agriculture solutions. 2019. This flyer briefly outlines how The Digital Innovation Accelerator Programme will act as a forum to share technical knowledge and expertise, provide access to accurate data and link policymakers with hands-on experience to build more sustainable and resilient food and agricultural systems.
Digital technologies in agriculture and rural areas: Status report. 2019. The rise of digital agriculture could be the most transformative and disruptive of all the industries, because digital agriculture not only will change how farmers farm their farms, but also will transform fundamentally every part of the agrifood value chain.

dlocust – The potential of drones for locust early warning and preventive control 2018. This flyer describes how early warning and preventive control in Africa and Asia, locust survey teams could be equipped with drones to locate areas of green vegetation in the desert, search the areas for locusts, and treat them safely and effectively.

E-agriculture in action 2017. (ITU & FAO) Case studies on the innovative use of emerging technologies, such as 3D food printing, electronic traceability services, and multiparameter monitors for indoor air quality, to improve the livelihoods of farming communities.

E-agriculture in action: Big data for agriculture. 2019. Digital agriculture relies on quality data to gather information, improve decision-making, enable innovative services & enhance information exchange.

E-agriculture in action: Drones for agriculture 2018. (ITU & FAO). This book promotes replicable ICT solutions for agriculture, focusing on unmanned aerial vehicles, also known as drones, and their usage in crop production, early warning systems, disaster risk reduction, forestry, fisheries, and wildlife conservation.
Event Mobile Application (EMA-i) 2018. This flyer presents the app that enables data collection and real-time reporting at country level of geo-referenced information on animal diseases, facilitating both surveillance and early warning.

FAMEWS – Fall Armyworm monitoring and early warning system 2018. This flyer describes how data on Fall Armyworm can be collected at the farm level and collated for sharing at local, national and global levels to manage outbreaks, identify priority areas, and foster early warning mechanisms for all stakeholders.

FAO agricultural stress index system (ASIS) 2018. This flyer presents the Agricultural Stress Index System (ASIS) that monitors agricultural areas with a high likelihood of water stress/drought at global, regional and country level, using satellite technology.

FAO digital innovation: working together for Zero Hunger through digital innovation 2018. FAO Digital Innovation aims to harness the power of digital technologies to incubate, accelerate and scale up new solutions to global challenges to food and agriculture.
FAO Geospatial Unit. Data, methods, tools, for sustainable food systems 2018. A flyer describing current FAO tools and technologies for sustainable food systems.

FAO Survey Technology (FAST) Platform 2018. This open source, flexible, and easy-to-deploy solution for creating data collection tools can help reduce both development costs and time-to-market.

Food Price Monitoring and Analysis (FPMA) tool 2018. This customizable tool supports country-level analysis and dissemination of agricultural commodity prices. Through an online interface it allows users to browse and analyse price series as well as to make comparisons across markets, commodities and seasons.

Gender and ICTs - Mainstreaming gender in the use of information and communication technologies (ICTs) for agriculture and rural development 2018. This publication looks at the benefits of Information and Communication Technologies (ICTs) when placed in the hands of men and women working in agriculture and in rural areas. It examines the challenges to be overcome and makes recommendations so that rural communities can take full and equal advantage of the technologies.
Gender Integration into Climate-Smart Agriculture (CSA): Tools for Data Collection and Analysis for Policy and Research 2016. The aim of this note is to provide some insight on the data and tools necessary when dealing with the analysis of the effects of CSA on food security, focusing on a gender perspective.

Hire Services as a Business Enterprise 2018. This manual is specifically designed to help train actual and potential farm mechanization service providers, in order to increase access to sustainable farm power to raise the productivity of smallholder farmers.

Information and communication technology (ICT) in agriculture 2016.
An assessment of platforms promoting ICT for agriculture, food security and nutrition and proposals for improving its usage, such as the creation of the ICT for sustainable agricultural production innovation lab.

Information Network on Post-harvest Operations (INPhO) 2018. This platform facilitates access to technological solutions to help reduce food loss in developing countries. The information on the platform is accessible through four types of media – virtual reality, mobile phones, computers and audio.
Inspiration, inclusion and innovation: FAO–China South–South Cooperation Programme (2009-2019), 2019. This report presents the achievements of ten years of cooperation between the Food and Agriculture Organisation of the United Nations (FAO) and China for the promotion of South–South cooperation. Over 2009–2019, China and FAO have coordinated efforts at country and global levels to advance developing countries’ capacities to achieve the Sustainable Development Goals of the 2030 Agenda through a special agreement and the FAO–China SSC Programme.

Leveraging innovation and technology for food and agriculture in Asia and the Pacific, 2019. This brochure highlights some of the many and varied types of innovations that are making success steps towards the SDGs. Agriculture needs to be profitable for smallholders, and access to online and physical markets and the incorporation of good practices, standards and infrastructure are critical for regional and international trade. Innovation, therefore, is central to achieving this multidimensional change.

Open Foris and SEPAL (System for Earth observation data access, Processing and Analysis for Land monitoring) 2018. This flyer presents the Innovative open-source software to help countries measure, monitor and report on forests and land use, offering unparalleled access to granular satellite data and computing power and paving the way for improved climate change mitigation plans and better informed land-use policies.

Proceedings of the International Symposium on Agricultural Innovation for Family Farmers - Unlocking the potential of agricultural innovation to achieve the Sustainable Development Goals, 2019. Discussions at the symposium (November 2018) suggest that there is no universal definition for agricultural innovation. In order to unlock the potential of innovation to achieve the Sustainable Development Goals, participants at the symposium, during a series of plenary and parallel sessions, as well as an Innovation Fair, shared experiences and knowledge about different types of agricultural innovation, examples and case studies, criteria for success, the enabling environment and associated factors.
Status of implementation of e-agriculture in Central and Eastern Europe and Central Asia: Insights from selected countries in Europe and Central Asia 2017. Among the topics discussed during the workshop were the role of ICTs in agricultural development in the region and within the different countries, and the need for collaboration and knowledge sharing via online communities, including ESCORENA and AGROWEB.

Success stories on information and communication technologies for agriculture and rural development (second edition) 2016. The document is a collection of case studies that highlight some of the promising uses of ICT in the agricultural and rural domains.

Water Productivity through Open access of Remotely sensed derived data portal (WaPOR) 2018. This flyer presents the WaPOR portal that provides publicly accessible, near real-time data to monitor agricultural water productivity, using innovative satellite technology.

POLICY

Adopting a Territorial Approach to Food Security and Nutrition Policy 2016. This joint FAO, OECD, UNCDF publication confirms the need for a territorial approach to address food insecurity. It also provides strong arguments to promote the territorial approach as a means of implementing the SDGs and, in particular, of SDG 2.
Driving commitment for nutrition within the UN Decade of Action on Nutrition 2018. This WHO/FAO brochure describes how the Nutrition Decade aims to trigger intensified action to end hunger and eradicate all forms of malnutrition.

The Current Status of the Right to Adequate Food in Food Security and Nutrition Policy Designs 2014. This Thematic Study reviewed the existing food security and nutrition (FSN) policy documents to determine the extent to which the designs of these policies have right to food underpinnings.

Food and Agriculture Policy Decision Analysis (FAPDA): Agricultural Development Economics Thematic Brief 2016. The FAPDA initiative promotes policy dialogue and evidence-based decision-making at national, regional and global levels by collecting and disseminating information on food and agriculture policy decisions from more than 70 countries in Africa, Asia and Pacific, Latin America and the Caribbean.

Gender and food loss in sustainable food value chains 2018. This publication aims to help policy-makers, project designers and field practitioners to conceptualize the nexus between gender equality and food loss while offering practical guidance on and tools for integrating gender concerns into the planning and implementation of food loss studies and reduction strategies and interventions.
Gender mainstreaming as a key strategy for building resilient livelihoods 2016. Women and men play specific and complementary roles in agriculture and food and nutrition security, and building the resilience of their livelihoods in different ways. In most countries, women have less access to productive resources, services and employment opportunities than men.

Food Matters Policy Toolkit: Policy measures for strengthening food and nutrition security in the Pacific Island Countries 2016. This Toolkit introduces a number of specific policy strategies, tools, and measures to respond to the major challenges and opportunities faced by agrifood chains in the Pacific Islands.

Integrating the right to adequate food in national food and nutrition security policies and programmes: practical approaches to policy and programme analysis 2014. This volume outlines a simple and practical way to analyze the design and implementation of food and nutrition security (FNS) policies and programmes from a right to food perspective.

Monitoring food security in countries with conflict situations – A joint FAO/WFP update for the United Nations Security Council 2018. The forth issue of the joint FAO/WFP update for the United Nations Security Council (UNSC) provides an overview of the numbers of people in acute need of emergency food, nutrition and livelihood assistance in 22 countries/territories affected by conflict. It analyses the factors driving food insecurity and examines if those factors are a consequence of conflict and/or if they are driving further tension.
**Policy measures for micro, small and medium food processing enterprises in the Asian region** 2015. This publication includes status reports from nine Asian countries – Bangladesh, Bhutan, China, Indonesia, Malaysia, the Philippines, the Republic of Korea, Sri Lanka and Thailand – and a review of the key issues and policy recommendations.

**Resilience Marking: how to classify projects for more resilient livelihoods** 2018. Resilience marking is a participatory methodology that can be applied to different countries, where the prerequisites – a household survey and a set of projects - are available.

**Study on Food Promotion Policy** 2016. This study presents the results of best practices in export promotion in Latin America, Eastern Europe and Central Asia.

**Sustainable financing for forest and landscape restoration - the role of public policy makers** 2018. This publication shares the experiences of some initiatives from around the world that public policy makers can learn from and adapt. It provides recommendations to help them improve their support to FLR financing.
Trade, food security and climate change: conceptual linkages and policy implications 2018. Background paper for The State of Agricultural Commodity Markets (SOCO) 2018. The paper aims to provide an overview of the complex relationships between climate change and agricultural trade, their connection with food security and possible policy implications.

Trade policy and food and nutrition security 2015. This paper presents empirical evidence of a significant impact of agricultural policies on food availability, and shows that governments may be tempted to provide ‘too much of a good thing’, since the highest levels of support are associated with lower levels of performances in terms of food availability.

Using impact evaluation to improve policymaking for climate change adaptation in the agriculture sectors 2018. Impact evaluation (IE) enables programme managers and policymakers to plan interventions in a rational and evidence-based manner.

EVIDENCE BASED ADVOCACY

Collection and use of Domestic Market Data in Evidence-based Policy Making 2011. FAO commissioned studies in Fiji, Kiribati, Samoa, Tonga and Vanuatu to demonstrate the policy value of domestic market data to improve evidence-based decision-making.
**Enhancing evidence-based decision making for sustainable agriculture sector development in Pacific Islands Countries**

2010 Report of an expert meeting to strengthen policy processes, improving timely agriculture data collection, systematization and reporting and data on smallholder and subsistence agriculture.

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**FAO World Food and Agriculture Statistical Pocketbook 2018**

This pocketbook presents, at a glance, selected key indicators on agriculture and food security, and is meant to serve as an easy-to-access and quick reference for all stakeholders and partners involved in policy formulation or decision-making processes.

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**Food safety risk management: Evidence-informed policies and decisions, considering multiple factors**

2017. These FAO guidance materials support food safety risk managers and policy-makers in applying structured, evidence-informed processes to decision making.

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**Social protection for building the resilience of forest-dependent people: Evidence, linkages, practices and potential applications**

2017. This study provides a rationale for building linkages between social protection and sustainable forestry in developing countries.