



## HIGHLIGHTS



### FAO Food Price Index

This index measures the monthly change in international prices of a basket of food commodities. It averaged 181.7 points during the month, a 2.5 percent increase from November and the highest level since December 2014.

[Press release](#)

## NEWSLETTERS



**Bulletin d'information du projet RESSOURCE**  
Juillet–Décembre 2019 – Issue No. 4  
(4 pp.)



**FAO Namibia newsletter – Small scale farmers contribute towards food security**  
December 2019 – Issue No. 3  
(Windhoek, 8 pp.)



**Konnichiwa newsletter – Liaison office in Japan**  
October–December 2019  
(Yokohama)



**Parliamentary fronts and alliances against hunger and malnutrition newsletter**  
December 2019 – Issue No.2  
(4 pp. Also available in [Arabic](#), [Chinese](#), [French](#), [Russian](#) and [Spanish](#))

## NEW BROCHURES



**Advanced agricultural technology for smallholder farmers in Africa: PlantVillage – December 2019**  
(2 pp.) Food chain crisis emergency prevention system information sheets



**Detoxifying agriculture and health from highly hazardous pesticides – A call for action**  
(28 pp.) FAO & WHO



**Ex-ante carbon-balance tool for blue carbon and fisheries – Assessing the climate mitigation potential of coastal wetlands, aquaculture and fisheries management**  
(2 pp.)



**Ex-ante carbon-balance tool for value chains – Assessing environmental and socio-economic potential of agri-food value chains**  
(2 pp.)



**FAO's work on climate change**  
(40 pp., Chinese. Also available in [English](#), [French](#) and [Spanish](#))



**Future orientation and challenges**  
(2 pp.)



**Guide pour l'amélioration de la gouvernance des régimes fonciers pastoraux au le Niger**  
(16 pp.)



**Promoting greater coherence between small-scale fisheries and social protection policies, mechanisms and programs in Cambodia – Research summary**  
(16 pp.)



**Rural youth employment and agri-food systems in Kenya – A rapid context analysis**  
(20 pp.)



**Sistema del índice de estrés agrícola de la FAO (ASIS)**  
(2 pp. Also available in [Arabic](#), [English](#), [French](#) and [Russian](#)) Portafolio de servicios digitales de la FAO



**Swab and tissue sample collection procedures enhancing MERS-CoV detection in camels – An illustrative guideline**  
(12 pp.) Animal health risk analysis



**Transforming food and agriculture to achieve the SDGs**  
(8 pp., Arabic. Also available in [English](#) and [French](#))



**Ultra-processed foods' impacts on health**  
(Santiago, 24 pp.) 2030: Food, agriculture and rural development in 2030 in Latin America and the Caribbean

**AFRICA SUSTAINABLE LIVESTOCK 2050 – LIVESTOCK GROWTH, PUBLIC HEALTH AND ENVIRONMENT. A QUANTITATIVE ASSESSMENT, FAO & PALLADIUM GROUP**



**Burkina Faso**  
(28 pp.)



**Ethiopia**  
(24 pp.)



**Kenya**  
(28 pp.)



**Uganda**  
(26 pp.)

**TRADE AND AGRIBUSINESS**



**Price and policy update – Global meat price review**  
(12 pp.)



**2019 outlook – Key trends in 2019**  
(12 pp.)

**PROJECT HIGHLIGHTS**



**Improving nutrition and promoting healthy diets through food systems and agriculture policies**  
(2 pp.)



**Strengthening international efforts to promote maternal and child health**  
(2 pp.)



**Supporting civil society participation in Committee on World Food Security**  
(2 pp.)

**NEW BOOKS AND BRIEFS**

**AGRICULTURE**



**Agro-ecological zones in Punjab, Pakistan – Final report 2019**  
Based on the latest information on natural resources, climate, and agricultural markets, this report demonstrates that there is an opportunity to create policies that support more sustainable agriculture, including greater crop diversification.  
(68 pp.)



**Asia regional synthesis for the State of the World's Biodiversity for Food and Agriculture**  
Based on eight country studies, this publication reports on declining levels of biodiversity in the context of agriculture and food production. Increased use of fertilizers and pesticides and disasters are cited as direct causes.  
(56 pp.)



### Pacific regional synthesis for the State of the World's Biodiversity for Food and Agriculture

Based on ten country reports, this book describes how biodiversity has been altered due to economic and market influences, climate and land-use changes. The need for preventive action to safeguard the status of biodiversity, especially for agriculture, is highlighted.

(76 pp.)



### Tool for agroecology performance evaluation (TAPE) – Process of development and guidelines for application: Test version

This framework created by FAO to inform policy makers, development institutions and other stakeholders on the performance of agroecology and its contribution to the achievement of the Sustainable Development Goals stresses the importance of producing and sharing data.

(96 pp.)

## ANIMAL PRODUCTION AND HEALTH



### Emergency Management Centre for Animal Health – Annual report, November 2018–October 2019

A review of FAO's work in Chad, Viet Nam and other countries where the Organization is helping to mitigate the growing outbreak of African swine fever and its negative effects on local trade, food security and livelihoods.

(40 pp.)



### Emergency risk communication strategy

This set of guidelines provides poster content and specific language for spokespeople to reduce dissemination of misleading information and to build trust between staff of the Livestock Breeding and Veterinary Department of the Government of Myanmar and both the media and the public.

(Nay Pyi Taw, 72 pp. Also available in [Burmese](#))  
FAO & LDB



### Farmer's handbook – Taking care of a cow for smallholders and farmer households

This book is a how-to for dairy farmers to care for their cows. Special attention is given to hygiene when milking and reduction of sources of stress that directly implicate animal productivity and milk quality.

(44 pp., Russian)



### Prudent and efficient use of antimicrobials in pigs and poultry – A practical manual

A showcase of actions to address diseases in the pork and poultry sectors which promotes antibiotic use in compliance with domestic laws and regulatory measures.

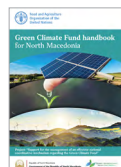
(44 pp., Russian. Also available in [English](#))  
FAO animal production and health manual



### Sustainable broiler production in North Macedonia – A value chain guide to best practice

This is a handbook for novice and experienced farmers, students and researchers alike, interested in enhancing the local broiler meat industry in North Macedonia, using locally farmed chickens and FAO-standard sustainability methods to deliver a high-quality and competitive product.

(164 pp. Also available in [Macedonian](#))



### Green Climate Fund handbook for North Macedonia

This book guides stakeholders engaged in the area of climate change and sustainable development to access Green Climate Fund resources in North Macedonia in order to address the United Nations Sustainable Development Goal 13: Climate action.

(68 pp. Also available in [Albanian](#) and [Macedonian](#))

## CLIMATE CHANGE

## ECONOMIC AND SOCIAL DEVELOPMENT



### FAO + Japan – A growing partnership towards sustainable development

A description of how the FAO–Japan partnership is strategic to FAO's mission on a broad range of topics including international standard-setting, climate change mitigation and adaptation, and emergency response and resilience-building.

(68 pp.)



### Food security and nutrition policy dialogues in Europe, the Caucasus and Central Asia 2016–2019. A retrospective

This series of short case studies highlights good practices and lessons learned from school food and nutrition programmes and the implementation of food security and nutrition policies in Europe, the Caucasus and Central Asia.

(132 pp., Russian. Also available in [English](#))



### On the path to universal coverage for rural populations – Removing barriers of access to social protection

The book identifies existing gaps in social protection faced by rural communities – such as legal, institutional and financial restrictions – and proposes solutions for policy-makers and stakeholders to achieve greater equality.

(56 pp.)

## FISHERIES AND AQUACULTURE



### Decision-making and economics of adaptation to climate change in the fisheries and aquaculture sector

This publication reviews available information on the costs and benefits of climate change adaptation in the fisheries and aquaculture sector, and applies standard economic appraisal methods to emerging plans and projects while also acknowledging challenges in relying solely on a finance-based method of evaluation.

(72 pp.) FAO fisheries and aquaculture technical paper



### Report of the tenth session of the Sub-Committee on Aquaculture, Trondheim, Norway, 23–27 August 2019

Highlights include the prevention and management of aquatic animal disease risks in aquaculture, as well as the importance of supporting new technology and practices, combating environmental degradation and adapting to climate change.

(64 pp. Trilingual in English, French and Spanish) FAO fisheries and aquaculture report

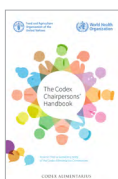


### FishStatJ Manual

This booklet explains how to install and use FishStatJ, a desktop application designed to display, refine and export FAO Fishery Statistical data.

(104 pp.)

## FOOD SAFETY AND NUTRITION



### Codex Chairperson's handbook – How to chair a subsidiary body of the Codex Alimentarius Commission

The handbook provides guidance to ensure effective and equitable participation by Member State officials in Codex work, enhance communication with stakeholders, and promote transparency, neutrality and an open, rules-based approach in the conduct of Codex work.

(64 pp.) FAO & WHO

## FORESTRY



### Los bosques, soluciones para el agua basadas en la naturaleza

An exploration of the role of forests in water management, the book highlights forests as crucial and cost-effective natural infrastructure for the production of high-quality water for more than half of the world's population.

(96 pp. Also available in [English](#) and [French](#)) Unasyuva

## PLANT PRODUCTION AND HEALTH



### Mid-term evaluation of "Disposal of persistent organic pollutants and obsolete pesticides and strengthening life-cycle management of pesticides in Benin"

Public health and the environment in Benin are at risk due to stockpiles of obsolete pesticides, which are still in use. Among the achievements reported were a decontamination plan and the identification of alternatives to chemical pesticides, such as pathogenic fungi, bacteria or virus-based pesticides.

(68 pp.) Project evaluation series



### PIC Circular L

This semi-annual document is produced to support stakeholders in implementing international instruments to monitor, list and avoid the exchange of hazardous chemicals and pesticides in international trade.

(56 pp. Also available in [French](#) and [Spanish](#)) FAO & UN Environment Programme

## **PUBLICATIONS AVAILABLE IN E-BOOK FORMAT**

**Modelo de negocio de aprovechamiento energético de biogás en frigoríficos**

ES: [MOBI](#) | [E-PUB](#)

**Regional Overview of Food Security and Nutrition in Europe and Central Asia 2019**

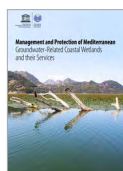
EN: [MOBI](#) | [E-PUB](#)

**Technical cooperation programme 2019 Report**

EN: [MOBI](#) | [E-PUB](#)

## **RECENT RELEASES FROM OTHER UN AGENCIES AND IGOs**

### **UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION – UNESCO**



#### **Management and protection of Mediterranean groundwater-related coastal wetlands and their services**

A deep look at how to integrate groundwater management with wetlands and the environmental, social and economic outcomes of the relationship as well as the impacts on human well-being. All documented groundwater-related wetlands on the Mediterranean coast are listed.

(Paris, 156 pp.)

### **WORLD INTELLECTUAL PROPERTY ORGANIZATION – WIPO**



#### **WIPO magazine, December 2019**

Among the topics covered are the geography of invention, the digital economy, making research an “it” profession and protecting indigenous knowledge.

(Geneva, 52 pp.)