

## HIGHLIGHTS



### The State of Food and Agriculture 2022 – Leveraging agricultural automation for transforming agrifood systems

This year's edition looks into the drivers for, and barriers to, the adoption of agricultural automation, including the more recent digital technologies. Based on 27 case studies, the report analyses the business case for agricultural automation technologies across the world and suggests policies for inclusive and sustainable adoption.

(184 pp.) [Digital report](#) | [Ebook: E-PUB](#) | [MOBI](#) | [Press release](#) | In Brief available in [Arabic](#), [Chinese](#), [English](#), [French](#), [Russian](#) and [Spanish](#).

DOI: <https://doi.org/10.4060/cb9479en>

Working papers:

[Automation and social impacts: winners and losers](#)

[Economics of adoption for digital automated technologies in agriculture](#)

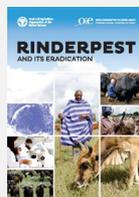
[Agricultural mechanization and sustainable agrifood system transformation in the Global South](#)

Policy briefs:

[Enabling inclusive agricultural automation](#)

[Transforming agriculture with digital automation](#)

[The \(continued\) potential of motorized mechanization](#)

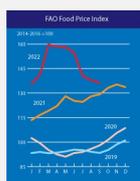


### Rinderpest and its eradication

This book tells the story of rinderpest and its eradication. The focus is on the international coordination that came together after the Second World War in the belief that, with vaccines available, the eradication of rinderpest was a practical possibility.

(Paris, 836 pp.) OIE & FAO

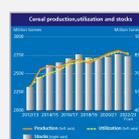
[Press release](#)



### FAO Food Price Index

Food prices declined for the sixth month in a row in September, reflecting steep falls in the price of vegetable oils and lesser ones in the prices of sugar, meat and dairy. Cereal prices went up, but not by enough to alter the downward trend. Overall, food still costs 7.2 percent more than it did this time last year.

[Press release](#)



### FAO Cereal Supply and Demand Brief

FAO is forecasting this year's global cereal production at 2.76 billion tonnes, nearly two percent down on last year's. Almost the entire cut is down to lower wheat yields in the United States of America. The maize forecast for Ukraine has improved, but renewed uncertainty over exports may yet put pressure on storage there.

## PUBLICATION AVAILABLE IN E-BOOK FORMAT



### Tackling antimicrobial use and resistance in food-producing animals– Lessons learned in the United Kingdom of Great Britain and Northern Ireland

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

## BOOKS

### AGRICULTURE



### Assessing agricultural innovation systems: a training manual

Agricultural policies and education still fail to devote enough attention to innovation systems, although these are essential to achieving the SDGs. Agricultural innovation requires an enabling environment to stimulate it, "bridging" entities to facilitate it, and a web of individuals and organizations to deliver it. This eight-module, 20-hour course details the process.

(108 pp.)

DOI: <https://doi.org/10.4060/cc2434en>



### Gestión sostenible de la tierra en pastizales y praderas – Documento de trabajo

This methodology for participatory assessment of grasslands and rangelands has been co-developed by FAO with funding from the Global Environment Facility (GEF) and tested in five countries on three continents (Africa, Asia and South America). The aim is to preserve a diverse ecosystem of goods and service in pastoral environments.

(Rome and Gland, 56 pp. Also available in [English](#)) FAO & IUCN

DOI: <https://doi.org/10.4060/cc0852es>



**Running farmer field schools in times of COVID-19: A resource handbook**

Farmer field schools (FFS) remain a precious resource, but the COVID-19 pandemic has altered approaches and practices. Featuring videos and other health-oriented resources, this guide recasts FFS for a new, pandemic-aware era.

(84 pp., Thai. Also available in [English](#))

**ECONOMIC AND SOCIAL DEVELOPMENT**



**Best practices in addressing the major drivers of food security and nutrition to transform food systems – Background paper for The State of Food Security and Nutrition in the World 2021**

This technical paper provides background analysis in support of last year's flagship "hunger report". It lists more than 100 examples of policy instruments designed to make agrifood systems more resilient: it should help countries adopt those that best suit their particular context.

(68 pp.) FAO Agricultural Development Economics Technical Studies  
DOI: <https://doi.org/10.4060/cc2622en>



**Tipología de microrregiones en el sector agrícola de Ecuador – Una herramienta para priorizar inversiones en el marco de la iniciativa Mano de la mano**

This study, conducted under the umbrella of FAO's Hand-in-Hand Initiative, groups microregions of Ecuador by criteria such as rural poverty and food insecurity; opportunities for agricultural investment and potential for agricultural development. It is a mapping exercise designed to guide decision-making on rural investment.

(56 pp.) FAO Agricultural Development Economics Technical Studies  
DOI: <https://doi.org/10.4060/cc2620es>



**Marco conceptual y metodológico para evaluaciones nacionales y territoriales – Catalizar la transformación sostenible e inclusiva de nuestros sistemas alimentarios**

Food systems underpin our societies. But balancing the imperative of providing sufficient nutritious food for all, while preserving the resources on which this imperative relies, is a complex endeavour. This document analyses the food systems of 50 countries as part of a broad vision for food system transformation.

(72 pp. Also available in [English](#), [French](#) and [Portuguese](#)) FAO, CIRAD & European Union  
DOI: <https://doi.org/10.4060/cb8603es>



**Tendances et perspectives récentes du marché mondial du coton et évolution des politiques**

The USD 46 billion-strong cotton sector keeps whole developing economies afloat and constitutes a source of income for millions of farmers. Employment in the sector reaches 150 million people. This is a market situation report relevant to the 75 nations that produce this crucial world commodity.

(76 pp. Also available in [English](#) and [Spanish](#))  
DOI: <https://doi.org/10.4060/cb3269fr>



**Guiding policies and investments to reduce agriculture-led deforestation in Viet Nam – Expanding beef and dairy sectors, while reducing deforestation risks**

Boosting beef and dairy farming puts added pressure on land and increases the potential for deforestation. Can these activities be expanded while preserving forests? This report uses the example of two provinces in Viet Nam to assess the challenges and outline potential solutions.

(112 pp.) FAO Agricultural Development Economics Technical Studies  
DOI: <https://doi.org/10.4060/cc2621en>



**Centrage sur la gouvernance pour une amélioration de l'appui aux politiques et de l'assistance technique – Document cadre sur la gouvernance et l'appui aux politiques**

With just eight years left to achieve the SDGs, this study aims to help relieve some governance pressure points that may thwart progress, such as the failure to consider all stakeholders and interests in designing food and agricultural policies. A four-step operational framework is proposed for governance analysis in the sector.

(104 pp. Also available in [English](#))  
DOI: <https://doi.org/10.4060/cc0240fr>



**Regional Program for Food Security (RPFS) in Member Countries of the Economic Cooperation Organization (ECO) (ECO-RPFS)**

ECO membership ranges from Türkiye in the west to Pakistan in the east, encompassing large sections of central Asia. This study argues for a strong nutrition component in devising sustainable food security strategies in the regional group.

(Ankara, 60 pp.)  
DOI: <https://doi.org/10.4060/cc2032en>



**The future of food systems in Europe and Central Asia - 2022-2025 and beyond**

This report covering up to mid-2021 focuses primarily on the European Union: it precedes the outbreak of the conflict in Ukraine. With that proviso, the document identifies priorities for action by integrating a series of factors from economic growth to food safety and digitalization.

(112 pp.)  
DOI: <https://doi.org/10.4060/cc1546en>



## FISHERIES AND AQUACULTURE



### Foro Mesoamericano sobre protección social en la pesca artesanal y la acuicultura de pequeña escala - Comité Mesoamericano para la celebración del Año Internacional de la Pesca y la Acuicultura Artesanales

This publication seeks to lay down the markers of an action plan to improve the livelihoods of artisanal fishers and fish farmers, including the implementation of national social protection systems aimed at strengthening the resilience of households that rely on the sector.

(Panama City, 52 pp.)

DOI: <https://doi.org/10.4060/cc2632es>



### General Fisheries Commission for the Mediterranean. Report of the twelfth session of the Scientific Advisory Committee on Aquaculture, Casablanca, Morocco, 7-9 June 2022 / Commission générale des pêches pour la Méditerranée. Rapport de la douzième session du Comité scientifique consultatif de l'aquaculture, Casablanca, Maroc, 7-9 juin 2022

This report summarizes the proceedings of the session, which reviewed activities over the three years (2019-2022) that saw the outbreak of the COVID-19 pandemic and fixed priorities for the forthcoming period.

(52 pp. Bilingual) FAO Fisheries and Aquaculture Report

DOI: <https://doi.org/10.4060/cc2534b>

## Legal report on the ecosystem approach to fisheries – An analysis of the ecosystem approach to fisheries in selected national policy and legal instruments – EAF-Nansen Programme Report

These reports on the EAF used the diagnostic tool to assess the alignment of selected policy and legal instruments of the countries with an EAF. These assessments analyse the extent to which 82 EAF legal requirements, which are considered the minimum standards in legislating for an EAF, are reflected in the countries' policies and legislation relevant to the fisheries sector of the country and other relevant sectors (such as environment, wildlife, ecosystems and maritime affairs).



### Bangladesh

(64 pp.)

DOI: <https://doi.org/10.4060/cc2560en>



### Mozambique

(72 pp.)

DOI: <https://doi.org/10.4060/cc2557en>



### Gabon

(56 pp. Also available in [English](#))

DOI: <https://doi.org/10.4060/cc2088fr>



### Informe sobre buenas prácticas para prevenir y reducir la basura plástica marina procedente de las actividades pesqueras

This report stems from the GloLitter project, jointly implemented by FAO and the International Maritime Organization, which aims to address the environmental harm caused by "ghost" fishing gear, the name for tackle that is abandoned or discarded.

(Rome & London, 92 pp. Also available in [English](#) and [French](#)) FAO & IMO

DOI: <https://doi.org/10.4060/cb8665es>



### Report of the Technical Consultation on Voluntary Guidelines for Transshipment – Rome, 30 May-3 June and 7 July 2022

The technical and regulatory aspects of moving fish, processed or unprocessed, formed the object of this consultation attended by more than 80 FAO Members and Observers.

(44 pp., Russian. Also available in [Arabic](#) and [English](#)) FAO Fisheries and Aquaculture Report

DOI: <https://doi.org/10.4060/cc1964ru>



### Socioeconomic characteristics of bottom trawl fishery exploiting deep-water rose shrimp and European hake in north Tunisia

This report focuses on four Tunisian ports: Tabarka, Bizerte, La Goulette and Kelibia. It seeks to improve management by listening to, and presenting, the problems raised by boat operators, with an emphasis on the sector's social dimension.

(36 pp.) FAO Fisheries and Aquaculture Circular

DOI: <https://doi.org/10.4060/cc0291en>



### Suivi des captures accidentelles d'espèces vulnérables en Méditerranée et en mer Noire: méthode de collecte des données

Bycatch, as evidenced in the Mediterranean and the Black Sea, is an economic and environmental calamity. But data concerning the phenomenon remains scarce. This publication suggests norms and criteria for improving data collection.

(112 pp. Also available in [English](#))

DOI: <https://doi.org/10.4060/ca4991fr>

## PLANT PRODUCTION AND HEALTH



### Manuel sur le développement et l'utilisation des spécifications des pesticides chimiques de la FAO/OMS

This second edition of the pesticide standards manual consolidates amendments to the first, published in March 2020, and previous manuals published by either FAO or the World Health Organization. The two bodies' joint work on pesticides dates back to 2001.

(Rome & Geneva, 296 pp. Also available in [English](#) and [Spanish](#)) FAO & WHO

DOI: <https://doi.org/10.4060/cb8401fr>



### Surveillance guide – A guide to understand the principal requirements of surveillance programmes for national plant protection organizations. Second edition

Pest detection, accurate information transmission and the drafting of pest lists are essential for the establishment of efficient national pest surveillance programmes. This guide seeks to facilitate that process.

(76 pp., Arabic. Also available in [English](#) and [Spanish](#))

DOI: <https://doi.org/10.4060/cb7139ar>

