

## HIGHLIGHTS



### Pathways towards lower emissions – A global assessment of the greenhouse gas emissions and mitigation options from livestock agrifood systems

This report presents a comprehensive global assessment of greenhouse gas emissions from livestock systems, utilizing FAO's Global Livestock Environmental Assessment Model (GLEAM) based on the most recent available data. It illustrates pathways towards lower emissions through a set of interventions on both the supply and demand sides of animal production.

(76 pp.) [Press release](#)

DOI: <https://doi.org/10.4060/cc9029en>



### The State of Mediterranean and Black Sea Fisheries 2023 – Special edition

This edition presents updated statistics and figures on the status and management of fisheries in the region. For the first time, it also includes an overview of regional indicators on the aquaculture sector in Mediterranean and Black Sea countries.

(52 pp.) [Press release](#)

DOI: <https://doi.org/10.4060/cc8888en>



### Look down in wonder: the power of soils

There is much more to soils than meets the eye, even though we still only know about one-tenth of what soils have to offer. [World Soil Day](#) on 5 December was an effort to put soils on the map – and, for us, an opportunity to rustle up a selection of FAO publications on the subject. Click [here](#) to get burrowing!



### Celebrate the 10 years of the SSF Guidelines!

Have a look at the [selection of titles](#) in support of the ongoing call for submissions to share experiences, lessons learned, and good practices to inform the future implementation of the Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries in the Context of Food Security and Poverty Eradication (SSF Guidelines) at national, regional or global level, launched by the FSN Forum.



### Near East and North Africa – Regional Overview of Food Security and Nutrition 2023: Statistics and trends

Hunger in the Arab States has reached its highest level since 2000, and the region continues to suffer from malnutrition. The region's deteriorating food security and nutrition situation calls for the urgent need to transform agrifood systems, making them more resilient to shocks and emerging crises, and more efficient, inclusive and sustainable to reach Sustainable Development Goal 2 targets.

(Cairo, 80 pp. Also available in [Arabic](#)) [Digital report](#) | FAO, IFAD, UNICEF, WFP, WHO & UNESCWA

DOI: <https://doi.org/10.4060/cc8039en>



### Africa – Regional Overview of Food Security and Nutrition 2023: Statistics and trends

Despite efforts made in several countries, the African continent is not on track to meet the food security and nutrition targets of the Sustainable Development Goal 2 on Zero Hunger for 2030. This year's report presents the latest analysis of the prevalence and trends in undernourishment, food insecurity, and malnutrition, and calls for greater action in view of the projected lower rate of economic growth; the high general and food price inflation; and the rising borrowing costs on domestic and international markets since 2022.

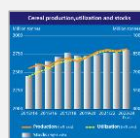
(Accra, 92 pp. Also available in [French](#)) [Digital report](#) | FAO, AUC, ECA & WFP  
DOI: <https://doi.org/10.4060/cc8743en>



### FAO Food Price Index

The FAO Food Price Index averaged 120.4 points in November 2023, unchanged from its revised October level, as increases in the price indices for vegetable oils, dairy products and sugar counterbalanced decreases in those for cereals and meat.

[Press release](#)



### FAO Cereal Supply and Demand Brief

FAO's forecast for world cereal production in 2023 has been raised by 3.6 million tonnes this month, reflecting improved prospects for wheat and, to a lesser extent, coarse grains. Now pegged at 2 823 million tonnes, the global cereal outturn is expected to be up 0.9 percent (25.9 million tonnes) year-on-year, and 10.4 million tonnes above the previous record high reached in 2021.

## BOOKS

### AGRICULTURE



### Directives mondiales de rapport sur le calcul de l'efficacité de l'utilisation de l'eau dans l'agriculture – Les paramètres agronomiques dans l'indicateur ODD 6.4.1: ratio de rendement et proportion de production pluviale

These guidelines help countries understand the agronomic parameters used to calculate the agricultural component of SDG indicator 6.4.1, which measures changes in water use efficiency over time.

(52 pp. French. Also available in [Arabic](#), [English](#), [Portuguese](#) & [Spanish](#)) SDG 6.4 – Monitoring Sustainable Use of Water Resources Papers

DOI: <https://doi.org/10.4060/cb8768fr>



### Livre de recettes de mil – Année internationale du mil 2023

Millet's ability to thrive on arid lands with minimal inputs make them a valuable contribution to healthy diets and nutrition in many countries. This recipe book is a legacy of the International Year of Millets 2023 and aims to raise awareness of the diversity of millets and to promote their consumption by sharing enticing recipes embracing different regions, tastes, cuisines, cooking skills and the versatility of millets.

(76 pp. French. Also available in [Arabic](#), [Chinese](#), [English](#), [Russian](#) & [Spanish](#))

DOI: <https://doi.org/10.4060/cc8019fr>

## ANIMAL PRODUCTION AND HEALTH



### Actions climatiques dans le secteur de l'élevage au Burkina Faso – Améliorer les contributions déterminées au niveau national pour un avenir durable

Burkina Faso has committed to cutting greenhouse gas emissions by 29 percent by 2030. However, although livestock is a major emissions generator, the country has few measures specifically designed for the sector. This study aims to strengthen that component of Burkina Faso's climate action plan.

(100 pp. French)

DOI: <https://doi.org/10.4060/cc8579fr>

## ECONOMIC AND SOCIAL DEVELOPMENT



### Generic master's course curriculum on land consolidation and land banking – Study and recommendations

This report is part of an FAO initiative to enhance the technical capacities of students and professionals in the sector. It analyses current educational programmes in 14 universities, and examines the demand for knowledge and skills expressed by young professionals, as indicated by public agencies involved in land consolidation implementation across six countries.

(Budapest, 132 pp.)

DOI: <https://doi.org/10.4060/cc8495en>

## FISHERIES AND AQUACULTURE



### Application de la Convention sur le commerce international des espèces de faune et de flore sauvages menacées d'extinction (CITES) au moyen de cadres juridiques nationaux sur la pêche – Étude et guide

This guide focuses on improving the understanding of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) in relation to the fisheries sector. It also aims to evaluate and strengthen national fisheries legal frameworks to better align with CITES requirements.

(152 pp. French. Also available in [English](#) & [Spanish](#)) FAO Legal Guide

DOI: <https://doi.org/10.4060/cc8051fr>



### Monitoring, Evaluation and Learning Framework – A handbook in support of the implementation of the Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries in the Context of Food Security and Poverty Eradication

This handbook presents a step-by-step process to assist governments and stakeholders at the local or national level to support the implementation of the Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries in the Context of Food Security and Poverty Eradication.

(200 pp.)

DOI: <https://doi.org/10.4060/cc8688en>



### Report of the Thirteenth Session of the Fisheries and Resources Monitoring System (FIRMS) Steering Committee Meeting – London, United Kingdom of Great Britain and Northern Ireland (Hybrid meeting), 26–27 and 30 June 2023

This report formalizes decisions made and strategic orientations agreed upon during the meeting. It includes timely data provision in support of the FAO SOFIA State of Stocks, and a contribution to the design and reporting on fisheries management in the context of the new FAO COFI subcommittee on fisheries.

(56 pp.) FAO Fisheries and Aquaculture Report

DOI: <https://doi.org/10.4060/cc8893en>



### Food safety implications from the use of environmental inhibitors in agrifood systems

Environmental inhibitors are used to improve production efficiency while reducing emissions of greenhouse gases. However, their presence in food commodities can raise health concerns as well as cause trade disruption. This publication provides an overview of various synthetic and biological environmental inhibitors, along with an analysis of possible food safety implications arising from their use.

(120 pp.) Food Safety and Quality Series

DOI: <https://doi.org/10.4060/cc8647en>

## FORESTRY



### Migration and forests – What state and non-state actors can do to optimize economic, social and environmental outcomes

People move into and out of forests all the time and for different reasons. This publication describes why migration outcomes in forest landscapes matter, what drives them, how they can be shaped, and who can do what to optimize those outcomes. It then draws conclusions about the benefits of maximizing the opportunities linked to forest migration.

(44 pp.)

DOI: <https://doi.org/10.4060/cc4920en>

## INVESTMENT



### Cahier d'opportunités d'investissement responsable dans la filière ovine Noire de Thibar et les plantes aromatiques et médicinales dans le gouvernorat de Béja

This “opportunity book” presents ideas for investment in two Tunisian agricultural value chains: the black sheep breed known as Thibar, prized for its meat, and medicinal and aromatic plants. These ideas are meant to explore potential and serve as inspiration, as part of FAO's efforts to support young Tunisian farmers, but they are not to be understood as full feasibility studies.

(Tunis, 88 pp. French)

DOI: <https://doi.org/10.4060/cc8883fr>

## PLANT PRODUCTION AND HEALTH

Guía práctica para la aplicación de las normas para bancos de germoplasma de recursos fitogenéticos para la alimentación y la agricultura



### Conservación de semillas ortodoxas en bancos de germoplasma de semillas

Species that produce orthodox seeds and that can be conserved in seed genebanks include cereals, grain legumes, forages, most vegetables and some fruits. This guide overviews operations for the conservation of orthodox seeds in seed genebanks.

(116 pp. Spanish. Also available in [English](#) & [French](#))

DOI: <https://doi.org/10.4060/cc0021es>



### Conservación en bancos de germoplasma de campo

This guide outlines major operations for conservation in field genebanks. These include choice of location; acquisition; and establishment of field collections, field regeneration and propagation.

(124 pp. Spanish. Also available in [English](#) & [French](#))

DOI: <https://doi.org/10.4060/cc0023es>



### Conservación mediante cultivo in vitro

This document provides general guidance on the complex steps and decisions required when operating genebanks for the conservation of plantlets by means of in vitro culture. Major operations include acquisition, recycling and rejuvenation.

(108 pp. Spanish. Also available in [English](#) & [French](#))

DOI: <https://doi.org/10.4060/cc0025es>

## RECENT RELEASES FROM OTHER UN AGENCIES AND IGOs

### ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT - OECD



### Effective Carbon Rates 2023 - Pricing Greenhouse Gas Emissions through Taxes and Emissions Trading

The report focuses on developments in emissions trading systems (ETSs) and transport fuel taxes amid the energy crisis. This new edition provides an overview of the carbon pricing landscape, examining fuel excise taxes, carbon taxes and ETSs through 2021, with updates on developments until 2023.

(Paris, 96 pp.) OECD Series on Carbon Pricing and Energy Taxation

### UNITED NATIONS DEVELOPMENT PROGRAMME - UNDP



### Enhancing Climate Change Transparency: How Developing Countries are Taking Action

In the context of global climate change policy and actions, transparency equals trust. This report examines how developing countries are establishing this trust by sharing their successes, challenges and lessons learned.

(New York, 72 pp.)