

HIGHLIGHTS



**Food Outlook – Biannual report on global food markets. November 2021**

This report provides supply and demand forecasts for basic foodstuffs, fish and fishery products along with price analysis and policy information. It also examines the pathways and impacts of rapidly rising input prices, especially those of energy derived from fossil fuels.

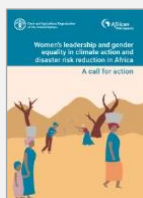
(112 pp.) [Press release](#)  
DOI: <https://doi.org/10.4060/cb7491en>



**The shortest path: Accelerating investment towards carbon-neutral agrifood systems**

This brief highlights the huge potential for engaging food and land-use systems in the fight against climate change. It sets out key action areas, including the development and enhancement of sound governance mechanisms and the mainstreaming of carbon neutrality in corporate strategies.

(12 pp.) | [Press release](#)  
DOI: <https://doi.org/10.4060/cb7278en>



**Women's leadership and gender equality in climate action and disaster risk reduction in Africa – A call for action**

Rural women are particularly affected by climate change, due to their limited access to and control over agricultural resources and their limited participation in decision-making processes. It is therefore urgent to centre gender equality and women's leadership in climate action.

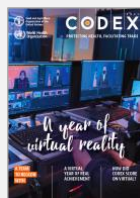
(Accra, 12 pp.) FAO & ARC  
DOI: <https://doi.org/10.4060/cb7431en>



**Integrated Food Security Phase Classification (IPC) analysis – Democratic Republic of the Congo (DRC): Food Security & Nutrition Snapshot. November 2021**

The analysis indicates that around 27 million people, one-quarter of DRC's population, face crisis- or emergency-related acute food insecurity conditions. This is due to several factors, including poor harvests, violence-driven displacement, disease and collapsing infrastructure.

(2 pp. Also available in [French](#)) | [Press release](#)



**CODEX 2021 – A year of virtual reality**

Released to coincide with the [44th session of the Codex Alimentarius Commission](#), this publication captures the advances in international food safety standard-setting during the COVID-19 pandemic.

To learn more about the work of the Codex Alimentarius and food safety, check out a selection of FAO's publications [here](#).  
(76 pp.)  
DOI: <https://doi.org/10.4060/cb7565en>



**Renewable energy for agri-food systems: Towards the Sustainable Development Goals and the Paris Agreement**

This report breaks down unhelpful silos between energy policy and agrifood policy and provides recommendations for decision-makers. These include better data collection to guide renewable energy investments and improved access to finance for end users and businesses.

(88 pp.) IRENA & FAO | [Press release](#)  
DOI: <https://doi.org/10.4060/cb7433en>



**Pre- and post-production processes along supply chains 2 increasingly dominate GHG emissions from agri-food systems globally and in most countries**

The study presents results from the FAOSTAT agri-food systems emissions database, relative to 236 countries and territories and over the period 1990–2019. It finds that 31 percent of total anthropogenic greenhouse gases emissions originate from the world's agri-food systems in 2019.

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



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NEWSLETTER



**FAO Markets and Trade – November 2021**

BROCHURES



**Alianza Mundial Por el Suelo – Directrices básicas para preparar una muestra de suelo para el control de calidad interno**

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



**Guidelines and measures for protection during irrigation with treated wastewater**

(4 pp., Arabic)



**Improving nutrition of school age kids through nutrition-sensitive food system approach – Near East and North Africa regional network on nutrition-sensitive agri-food – Technical Brief**

(Cairo, 8 pp.)





**Méthode de la FAO pour l'évaluation des pertes et préjudices: Utilisation pour le suivi de l'indicateur C2 du Cadre d'action de Sendai et le Cadre de transparence renforcée (ETF)**  
(4 pp. Also available in [English](#) and [Spanish](#))



**Turning the Tide on Deforestation – Flagship initiatives of the Collaborative Partnership on Forests**  
(12 pp.)

BOOKLETS AND POLICY BRIEFS



**A multi-billion-dollar opportunity – Repurposing agricultural support to transform food systems – In Brief**  
(32 pp., Russian. Also available in [Chinese](#), [English](#) and [French](#)) FAO, UNDP & UNEP  
DOI: <https://doi.org/10.4060/cb6883ru>



**Detener la peste porcina africana (PPA): asociaciones público-privadas para lograrlo**  
(16 pp. Also available in [English](#) and [French](#)) OIE & FAO



**Enhancing climate action in the livestock sector – Policy brief**  
(4 pp.)  
DOI: <https://doi.org/10.4060/cb7348en>



**Impact of the May conflict escalation on the agricultural area in the Gaza Strip**  
(44 pp.)  
DOI: <https://doi.org/10.4060/cb7167en>



**Protect Children from Pesticides! Visual Facilitator's Guide**  
(76 pp., Urdu. Also available in [English](#))



**Supporting forest sector micro, small and medium enterprises at scale – The experience of the FAO-EU FLEGT Programme**  
(16 pp.)  
DOI: <https://doi.org/10.4060/cb7205en>



**Tackling child labour through decent youth employment in agri-food systems. Background paper**  
(36 pp.) FAO & ILO  
DOI: <https://doi.org/10.4060/cb7441en>



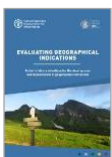
**The share of agri-food systems in total greenhouse gas emissions. Global, regional and country trends 1990–2019**  
(12 pp.) FAOSTAT analytical briefs



**Vers une vision maghrébine pour le renforcement de la résilience à la sécheresse: Note d'orientation politique**  
(12 pp.)  
DOI: <https://doi.org/10.4060/cb6399fr>

BOOKS

AGRICULTURE



**Evaluating geographical indications – Guide to tailor evaluations for the development and improvement of geographical indications**  
This guide presents two evaluations: prospective evaluation and retrospective evaluation. Prospective evaluation helps stakeholders maximize benefits and prevent possible drawbacks, while a retrospective analysis allows stakeholders to identify possible areas for improvement.  
(180 pp.)  
DOI: <https://doi.org/10.4060/cb6511en>



**Legislative and regulatory frameworks for family farming**  
By examining legislation from various geographical regions and countries of differing socioeconomic realities, this paper recommends identifying a clear legal definition of family farming and establishing an inclusive and coordinated approach that spans from local administrations to the national government.  
(68 pp.)  
DOI: <https://doi.org/10.4060/cb6922en>



**Overview of organic agriculture development in Europe and Central Asia**  
This report presents an in-depth analysis of the current state of organic agriculture in Europe and Central Asia in terms of legislative and policy frameworks, governance systems, production, and marketing. It highlights a need for more transparent and reliable agriculture information.  
(Budapest, 152 pp., Russian)  
DOI: <https://doi.org/10.4060/cb0890ru>



**Pilot project on the implementation of the OECD-FAO Guidance for Responsible Agricultural Supply Chains: Final Report**  
This guide was produced to help enterprises meet the standards of responsible business conduct along agricultural supply chains, and to address actual and potential adverse impacts faced by businesses throughout decision-making and risk management activities.  
(84 pp., Arabic. Also available in [English](#), [French](#) and [Spanish](#)) FAO & OECD

## ANIMAL PRODUCTION AND HEALTH



### GF-TADs Strategy for 2021-2025. Enhancing control of transboundary animal diseases for global health

The Global Framework for the Progressive Control of Transboundary Animal Diseases (GF-TADs) is a coordination mechanism established to safeguard its Members from repeated incursions of infectious animal disease epidemics. This strategy identified three objectives: establishing priority, developing capacity and improving the sustainability of priority strategies.

(28 pp.)



### Joint Risk Assessment Operational Tool (JRA OT): An Operational Tool of the Tripartite Zoonoses Guide – Taking a Multisectoral, One Health Approach: A Tripartite Guide to Addressing Zoonotic Diseases in Countries

This publication provides guidance on how to establish a joint qualitative risk assessment to address zoonotic diseases. The steps cover how to convene a technical team, formulate the right questions and characterize risk.

(Geneva, 96 pp., Arabic. Also available in [Chinese](#), [English](#), [French](#), [Russian](#) and [Spanish](#)) WHO, OIE & FAO



### Intégration de la nutrition dans le secteur de l'élevage de la théorie à la pratique – Une approche innovante appliquée dans sept pays d'Afrique francophone

This study explores good approaches for integrating nutrition in the livestock sector. These include improving pastoral services, supporting local multi-stakeholder initiatives, and strengthening financial and health services that contribute to household food security.

(56 pp.) FAO & ACF

DOI: <https://doi.org/10.4060/cb6826fr>

## EVALUATIONS



### Terminal evaluation of the project "Implementing the socio-ecosystem connectivity approach to conserve and sustainable use biodiversity in the Caribbean region of Colombia"

This evaluation finds that the project contributes to reducing the degradation and fragmentation of the strategic ecosystems in the Caribbean region of Colombia. Suggested improvements include better design of targets related to impact on policy instruments.

(100 pp. Also available in [Spanish](#)) Project Evaluation Series

## FISHERIES AND AQUACULTURE



### Procedures for the implementation of the Indian Ocean Tuna Commission Port State Measures

This manual introduces the functions and operations of the Indian Ocean Tuna Commission and provides guidance for standard operating procedures; report writing; and verification of information related to landings, transshipments, and processing.

(448 pp.) FAO & IOTC

DOI: <https://doi.org/10.4060/cb7113en>



### Report of the Friends of User Rights 2021 – Online Expert Meeting, 6–9 July 2021

The meeting reviewed the draft policy brief and inland tenure paper and discussed the next steps for developing technical guidance on how to design and implement appropriate tenure systems and user rights for fisheries.

(36 pp.) Fisheries and Aquaculture Report

DOI: <https://doi.org/10.4060/cb7409en>



### Tilapia lake virus disease strategy manual

This manual provides information on the nature, epidemiology and diagnosis of Tilapia lake virus disease as well as prevention and control methods, which include fish immunity, vaccination and immunostimulants.

(64 pp.) FAO Fisheries and Aquaculture Circular

DOI: <https://doi.org/10.4060/cb7293en>

## FOOD SAFETY



### Safe Food for the Association of Southeast Asian Nations (ASEAN) – Engaging in Codex Standards setting

This report provides updates on the status of national Codex activities in ASEAN countries. It notes that some countries focused their legislation on safety parameters but did not prescribe other quality parameters, such as grading or defects in the legislation.

(Bangkok, 104 pp.)

DOI: <https://doi.org/10.4060/cb7294en>

## FORESTRY



### Asia-Pacific Forest Sector Outlook: Innovative forestry for a sustainable future – Youth contributions from Asia and the Pacific

This publication gathers 13 selected papers prepared by youth from the Asia-Pacific region on innovative forest technologies and forest management. The topics include engaging youth in forest monitoring, technologies for forest governance, and approaches to build back biodiversity.

(Bogor, 172 pp.) CGIAR Research Program on Forests, Trees and Agroforestry & FAO



### Connecting forest and farm producer organizations to climate change finance – A toolkit for apex forest and farm producer organizations

The toolkit identifies types of investments funded under climate change finance. It finds that forest and farm producers play key roles in their communities by mobilizing members to work collectively and exchange successful local experiences and knowledge.

(60 pp.)

DOI: <https://doi.org/10.4060/cb0276en>

## NUTRITION



### Barriga nutrida, con razón aprende – Sistematización, en versión narrada del desarrollo de la Ley de Alimentación Escolar en Guatemala

This report presents the story of the approval process of school feeding legislation in Guatemala and shows how school feeding can contribute to improving children's learning ability.

(Guatemala City, 80 pp.)

DOI: <https://doi.org/10.4060/cb5397es>



### Consumer organizations and the right to adequate food – Making the connections

This publication addresses the principal areas of food issues that consumer organizations champion from a human rights perspective. It highlights that current food systems can be transformed by incorporating equitable and sustainable development.

(76 pp.)

DOI: <https://doi.org/10.4060/cb3685en>

## RESILIENCE



### Food and Nutrition Security Resilience Programme: Multidimensional context analysis in North and East Darfur States, the Sudan

This multidimensional context analysis looks at topics such as conflict and gender dynamics, community livelihoods, and the status of natural resources. The study suggests establishing community-based mechanisms and multidisciplinary local governance to facilitate peace-building in the Sudan.

(132 pp.)

DOI: <https://doi.org/10.4060/cb7032en>

## STATISTICS



### Methods for estimating greenhouse gas emissions from food systems – Part III: energy use in fertilizer manufacturing, food processing, packaging, retail and household consumption

This paper focuses on reducing emissions from energy use in pre- and post-production activities. The proposed methods contain four steps: identifying components of agrifood systems, determining activity data, estimating GHG emissions, and inputting missing emissions data.

(44 pp.) FAO Statistics Working Paper Series

DOI: <https://doi.org/10.4060/cb7473en>

## RECENT RELEASES FROM OTHER UN AGENCIES AND IGOs

### UNITED NATIONS ENVIRONMENTAL PROGRAMME – UNEP



### Greening the Blue Report 2021: The UN System's Environmental Footprint and Efforts to Reduce it

This report examines the information provided by UN system entities on their environmental impacts. From changing the selection criteria for a building renovation to the use of solar-powered electric cookers, UN entities are taking action to achieve environmental sustainability.

(Geneva, 44 pp.)

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



### World Heritage forests: Carbon sinks under pressure

This study finds that forests in World Heritage sites play a vital role in mitigating climate change by absorbing 190 million tons of CO<sub>2</sub> from the atmosphere each year. It recommends protecting these sites through improved landscape management.

(Paris, 32 pp. Also available in [French](#)) UNESCO, WRI & IUCN