



Food and Agriculture  
Organization of the  
United Nations



# FAO PUBLICATIONS CATALOGUE 2018

OCTOBER

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Chief: **Pedro Javaloyes**. Marketing & sales: **Suzanne Lapstun** (manager) and **Cora-Lee Canzian**

Rights & licensing: **Jessica Matthewson** and **Radhika Gopali**

FAO Library: **Véronique Montes Baffier**

### FAO CATALOGUE 2018

Art director: **Monica Umena**

Editorial coordination: **Daniela S. De Pascalis**

Layout: **Simone Morini**

Illustrations: **Del Hambre**

FAO headquarters

Viale delle Terme di Caracalla

00153 Rome, Italy

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**KENYA**

Members of Samburu pastoral community during destocking in a remote area near Barsolai, Samburu County.



# INTRODUCTION

**Only with knowledge can we free the world from hunger, malnutrition and poverty.** According to the Basic Texts of the Food and Agriculture Organization of the United Nations (FAO), the Organization's first function is to "collect, analyse, interpret and disseminate information relating to nutrition, food and agriculture".

**FAO plays a unique role** as a neutral forum, providing unbiased, high-quality information across all areas relating to food, agriculture and sustainable natural resources management. Its more than 700 publications a year range from authoritative analysis for policy-makers and expert guidance for farmers to nutritional advice for families and general knowledge for young people.

In addition to English, most major reports are also produced in Arabic, Chinese, French, Russian and Spanish.

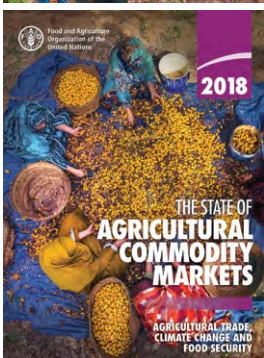
**This catalogue includes a selection of** the Organization's most recent titles, as well as some older publications that have become references in their respective fields. The Sustainable Development Goals (SDGs), agreed by the United Nations and the international community in 2015, provide the roadmap guiding all of FAO's work.

# FLAGSHIPS

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FAO'S FLAGSHIPS ARE THE LEADING PUBLICATIONS WITHIN THEIR RESPECTIVE DOMAINS. THEY STAND TOGETHER AS A COMPREHENSIVE OVERVIEW OF **THE STATE OF THE WORLD**.





# THE STATE OF THE WORLD

## THE STATE OF WORLD FISHERIES AND AQUACULTURE

## THE STATE OF THE WORLD'S FORESTS

## THE STATE OF FOOD SECURITY AND NUTRITION IN THE WORLD

## THE STATE OF FOOD AND AGRICULTURE

## THE STATE OF AGRICULTURAL COMMODITY MARKETS



FAO's "The State of the World" publications provide a comprehensive overview of the most pressing global issues and challenges affecting the world today. These global reports are considered to be the most important FAO products in a given programme or thematic area. They primarily target policy-makers and decision-makers, but are also relevant to experts, academia, students, the media and the general public.



FAO, IFAD, UNICEF, WFP, WHO,  
Rome 2018  
ISBN 978-92-5-130571-3  
128 pp., 210 x 297 mm  
USD 36.00, Paperback  
Also available in e-book format  
Available in Arabic, Chinese, English  
French, Russian, Spanish

# THE STATE OF FOOD SECURITY AND NUTRITION IN THE WORLD 2018

## BUILDING CLIMATE RESILIENCE FOR FOOD SECURITY AND NUTRITION

According to this year's report, the number of people who suffer from hunger has been growing over the past three years, returning to levels from almost a decade ago. Multiple forms of malnutrition are evident in many countries: adult obesity is growing even as forms of undernutrition persist. Climate variability and extremes are key drivers behind this

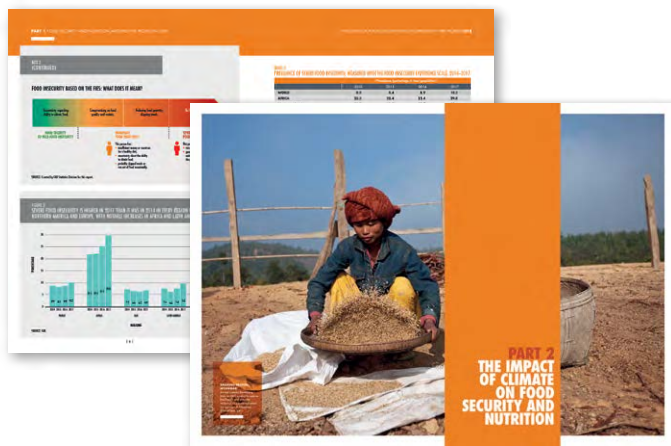
rise, together with conflict and economic downturns, and are threatening to erode and reverse the gains that had been made in ending hunger and malnutrition.

*This yearly report informs on progress towards ending hunger, achieving food security and improving nutrition, and analyses the key challenges to achieving these goals.*



### DIGITAL REPORT

Online version of the main report with the core text and enriched graphics.

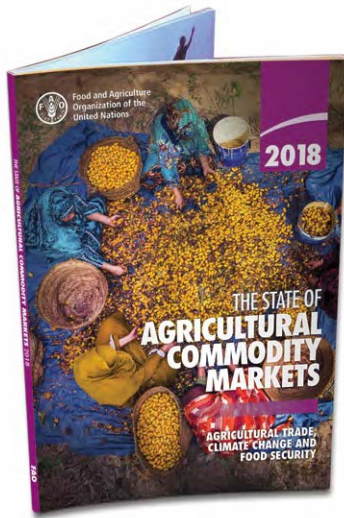


### REGIONAL OVERVIEWS OF FOOD SECURITY AND NUTRITION 2018

COMPREHENSIVE OVERVIEWS ON THE STATE OF FOOD SECURITY AND NUTRITION IN FIVE REGIONS

These publications provide an overview of key trends in food security and nutrition across FAO's five official regions: Africa, Asia and the Pacific, Europe and Central Asia, Latin America and the Caribbean, and the Near East and North Africa.

**FORTHCOMING**



# THE STATE OF AGRICULTURAL COMMODITY MARKETS 2018

AGRICULTURAL TRADE, CLIMATE CHANGE AND FOOD SECURITY

Global agricultural trade has increased significantly in value terms since 2000. Its pattern has also changed: emerging economies and developing countries play a bigger role in international markets, and South–South agricultural trade has expanded significantly. Climate change is expected to affect agriculture, food security and nutrition unevenly across countries and regions. Changes in comparative advantage in agriculture around the world will also affect international trade. This edition of **The State of Agricultural Commodity Markets** focuses on the role of agricultural trade in promoting food security and sustainable agricultural production in the context of climate change.

*Published biennially, the series presents commodity market issues in an objective and accessible way to policy-makers, commodity market observers and stakeholders interested in these issues.*

Rome, 2018  
 ISBN 978-92-5-130565-2  
 86 pp., 210 × 297 mm  
 USD 36.00, Paperback  
 Also available in e-book format  
 Available in: Arabic, Chinese, English, French, Russian, Spanish

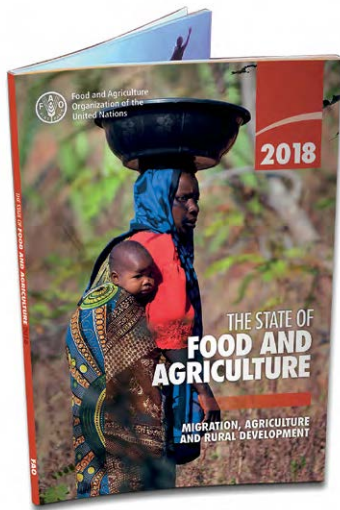


PRESS RELEASE



**Key points**

- 1 In principle, there is no fundamental conflict between climate change policies and multilateral trade rules. However, attention to the WTO rules requirements and the requirements of environmental policies of the Paris Agreement.
- 2 There is scope for countries to pursue an environmental approach consistent with WTO rules. However, the protection and application of these rules will depend on the nature of national and production policies, which may have carbon leakage impacts, among the environmentally sound policies.
- 3 Countries should be part of the 23 parties of the Paris Agreement and the WTO agreement to strengthen their capacity to support agriculture. This can contribute to meeting agricultural emissions reduction



# THE STATE OF FOOD AND AGRICULTURE 2018

## MIGRATION, AGRICULTURE AND RURAL DEVELOPMENT

**FORTHCOMING  
15 OCTOBER 2018**

Rome, 2018  
196 pp., 210 x 297 mm  
USD 56.00, Paperback  
Also available in e-book format  
Available in: Arabic, Chinese,  
French, Russian, Spanish

Migration is an expanding global reality, one that allows millions of people to seek new opportunities. But it also involves challenges for migrants and for societies, both in areas of origin and of destination. This edition of **The State of Food and Agriculture** analyses migratory flows and how they are linked to processes of economic development, demographic change, and natural-resource pressure. In

particular, the report investigates the drivers and impacts of rural migration and highlights how related policy priorities depend on country contexts that are in continuous evolution.

*This series, published annually, aims at bringing to a wider audience balanced science-based assessments of important issues in the field of food and agriculture.*



**RESOURCE PAGE**



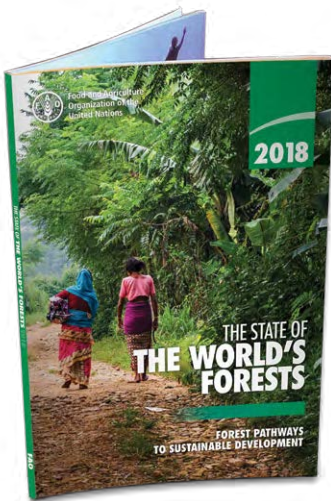
### DIGITAL REPORT

Online version of the main report with the core text and enriched graphics.



# THE STATE OF THE WORLD'S FORESTS 2018

## FOREST PATHWAYS TO SUSTAINABLE DEVELOPMENT

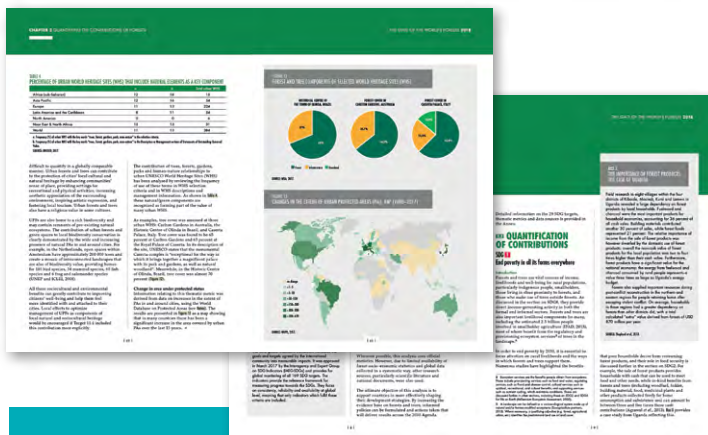


Rome, 2018  
 ISBN 978-92-5-130561-4  
 140 pp., 210 × 297 mm  
 USD 65.00, Paperback  
 Also available in e-book format  
 Available in: Arabic, Chinese,  
 English, French, Russian, Spanish

Forests and trees make vital contributions to both people and the planet, bolstering livelihoods, providing clean air and water, conserving biodiversity and responding to climate change. **The State of the World's Forests 2018** provides new information on the interlinkages between forests and trees and the Sustainable Development Goals, shedding light on their

significance for water quality, climate, biodiversity, future energy needs and designing sustainable cities.

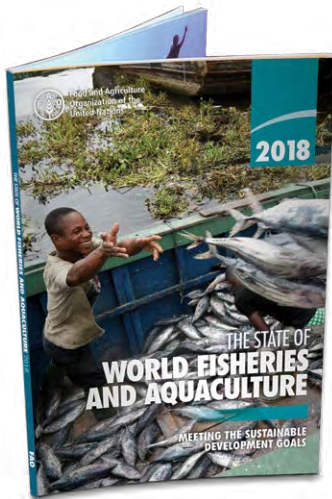
*This series covers the status of forests, policy and institutional developments, and other key issues concerning the forest sector. It shares current, reliable and relevant information to facilitate informed discussion and decision-making.*



### DIGITAL REPORT

Online version of the main report with the core text and enriched graphics.





# THE STATE OF WORLD FISHERIES AND AQUACULTURE 2018

## MEETING THE SUSTAINABLE DEVELOPMENT GOALS

Rome, 2018  
ISBN 978-92-5-130562-1  
228 pp., 210 x 297 mm  
USD 75.00, Paperback  
Also available in e-book format  
Available in: Arabic, Chinese, English,  
French, Russian, Spanish

The *State of World Fisheries and Aquaculture 2018* emphasizes the fisheries and aquaculture sector's role in achieving the 2030 Agenda and measuring progress towards these goals. It notes the particular contributions of inland and small-scale fisheries, and highlights the importance of rights-based governance for equitable and inclusive development. The publication highlights specific areas, including: aquatic biodiversity; climate change impacts and responses;

the sector's contribution to food security; issues related to international trade, consumer protection and sustainable value chains; and global developments in combating illegal, unreported and unregulated fishing, as well as ocean pollution.

*The State of World Fisheries and Aquaculture series is a unique source of objective, reliable and up-to-date global information on fisheries and aquaculture development, of relevance to policy-makers, managers, scientists and all those interested in the sector.*



### DIGITAL REPORT

Online version of the main report with the core text and enriched graphics.



# GENERAL INTEREST

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DESIGNED TO INFORM, STIMULATE REFLECTION AND INVITE PEOPLE TO  
ADOPT SUSTAINABLE AND HEALTHY LIFESTYLES.



# Series

# THE STATE OF THE PLANET

**THE STATE OF THE PLANET** is a joint project between the Spanish newspaper EL PAÍS and FAO, which addresses the challenges that humankind will have to face over the coming decades. These include climate change, nutrition and the conservation of our oceans and forests, all of which directly impact the planet we live on. This series of books draws on the most up-to-date information available from leading experts at FAO

RIGHTS AVAILABLE IN ALL LANGUAGES

Rome, 2018  
116 pp., 180 x 230 mm  
Price available on request,  
Paperback, Available in: Spanish





# THE COMPLETE SERIES

## THE MAJOR CHALLENGES

Is there still time to save our planet?

## CLIMATE CHANGE

Is it irreversible? What can we do?

## BIODIVERSITY

Are we on the verge of the sixth mass extinction?

## WATER

Will there be enough for everyone and everything?

## NUTRITION

Is obesity the plague of the 21st century?

## FORESTS

Are trees going to disappear? Why do we need them?

## OCEANS

Are our oceans in danger?

## POPULATION, CITIES AND MIGRATION

Is there enough room on the planet?

## ZERO HUNGER

Will we finally be able to eliminate hunger?

## THE NEW AGRICULTURAL REVOLUTION

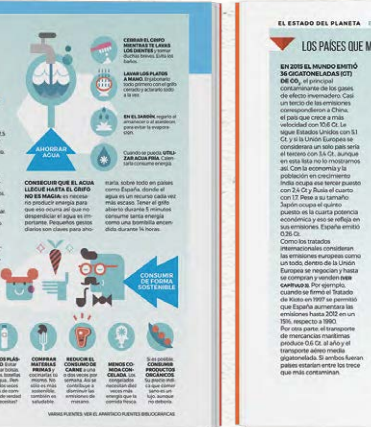
How can we feed 10 billion people?

## FUTURE CHALLENGES OF THE 21<sup>ST</sup> CENTURY

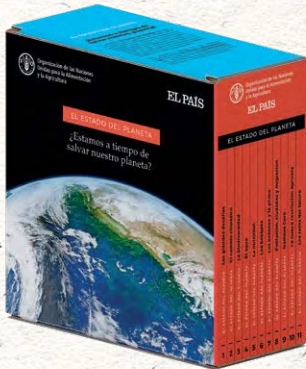
What can you do?

and other United Nations agencies, with a view to making accessible the often highly complex issues that affect us all.

The books are aimed at a broad audience, both young and old, because it is only by working together across generations that we can decide how we want to live in the future and shape the kind of planet we wish to leave for the generations to come.



# The State of the Planet

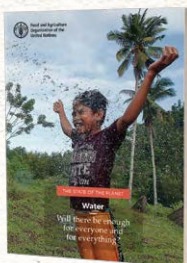


All titles available in Spanish



**CLIMATE CHANGE**  
IS IT IRREVERSIBLE?  
WHAT CAN WE DO?

This book provides an explanation of what climate change is, its impacts, and why it is so important to keep the increase in average global temperature below 2°C. Some solutions are also proposed for mitigating and adapting to climate change, with particular emphasis on agriculture.



**WATER**  
WILL THERE BE ENOUGH  
FOR EVERYONE AND FOR  
EVERYTHING?

Population growth, rapid development, climate change and mismanagement are placing unprecedented pressure on the planet's main life source. How can we ensure that there is enough water for everyone and everything? This book tries to find the answer.



**THE MAJOR CHALLENGES**  
IS THERE STILL TIME TO  
SAVE OUR PLANET?

The series opens with an assessment of the current state of our planet, the challenges we face to reverse the present situation and the 2030 Agenda road map that must be followed. We have a set plan and some very clear goals that must be achieved over the coming years.

Also available in English



**BIODIVERSITY**  
ARE WE ON THE VERGE  
OF THE SIXTH MASS  
EXTINCTION?

More than 80 percent of our diet comes from plants, and just five cereal crops account for 60 percent of all calories consumed. This book discusses the importance of maintaining biodiversity from the point of view of food security and nutrition. Global food production depends on a vital network of ecosystems.



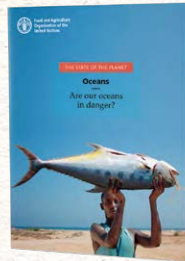
**NUTRITION**  
IS OBESITY THE PLAGUE  
OF THE 21ST CENTURY?

In today's world, there are more than twice as many overweight people than those going hungry. This confirms the need to tackle the issue of nutrition from a different perspective. We must all eat but we must all eat well, in a complex global context that is battling paradoxes such as this.



**FORESTS**  
ARE TREES GOING  
TO DISAPPEAR? WHY DO  
WE NEED THEM?

Forests regulate the climate, clean our water, protect the soil and provide shelter for millions of people. The bad news is that over the last 25 years we have lost a total forest area equivalent to the size of South Africa, due to deforestation and forest degradation. This book stresses the huge importance of managing forests sustainably.



**OCEANS**  
ARE OUR OCEANS  
IN DANGER?

Oceans play a fundamental role in the welfare of humankind and in the economic and social development of the whole world. However, it is predicted that by 2050 there will be more plastic than fish in the oceans. Meanwhile unsustainable – and in many cases illegal – fishing is also squandering the resources they offer. This book indicates the path we must follow to clean up our oceans.



**POPULATION, CITIES  
AND MIGRATION**  
IS THERE ENOUGH ROOM  
ON THE PLANET?

We are experiencing the worst migration crisis since the Second World War. There are now more than 244 million migrants in the world. Our planet must also deal with a population that will rise to almost 10 billion people by 2050. Hunger, conflict and climate change are just some of the causes behind the migration phenomenon. But what are the solutions?



**ZERO HUNGER**  
WILL WE FINALLY BE  
ABLE TO ELIMINATE  
HUNGER?

More than 800 million people around the world are currently suffering from hunger. This figure is both horrifying and paradoxical, given that the planet produces enough food to feed everyone. This book explains why hunger persists, analysing country case studies and setting out the path that FAO is pursuing to achieve its ultimate goal: to eliminate hunger by 2030.



**THE NEW  
AGRICULTURAL  
REVOLUTION**  
HOW CAN WE FEED  
10 BILLION PEOPLE?

Agriculture is the basis for our society and has allowed us, as a civilization, to become what we are. Although agriculture may not feature in our daily lives, we could not live without it. This book asks not only whether the Earth will be able to feed 10 billion inhabitants by 2050, but also how we will do this.



**FUTURE  
CHALLENGES OF  
THE 21<sup>ST</sup> CENTURY**  
WHAT CAN YOU DO?

Once the challenges facing humankind have been set forth, it's time to start thinking on the individual level. What small gestures can we as ordinary citizens make that will combine to bring about a significant change to the situation? In addition to individual challenges, this book summarizes some of the key maps and infographics from this unique series.

# TOWARDS ZERO HUNGER

1945–2030

This book shows that, acting together, we can achieve “zero hunger” by 2030. It showcases a unique collection of images documenting how FAO has long been there – in the fields, in the mountains, on the oceans, in the heat and dust, in the cold and wet – helping people to survive, progress and prosper.

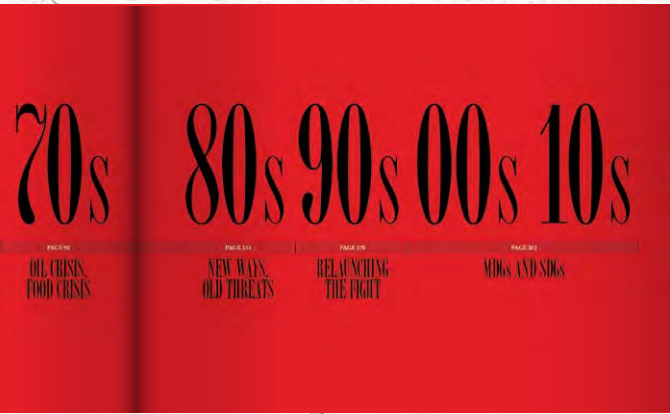
Since 1945, FAO, the UN’s first agency, has played a leading role in combating hunger worldwide. FAO’s photo archives contain more than a million images covering its seven decades of commitment. This book contains just



Rome, 2017  
ISBN 978-92-5-109435-8  
228 pp., 320 x 250 mm  
39.00 USD, Hardcover  
Available in: Arabic, Chinese, English,  
French, Russian, Spanish

a representative sample of shots to give readers an authentic picture of the Organization's activities from its pioneering early years through to today, with older images in black and white later giving way to colour. The photographs reflect FAO's various fields of activity (agriculture, fisheries, forestry, nutrition, etc.), and span the globe. Some photographs have served as historical records, documenting situations and FAO's projects. Others have been used for didactic purposes, also as part of films and slideshows,

to explain innovative techniques and how to carry out practical operations in the field. A good picture can indeed paint more than a thousand words, especially in areas with high levels of illiteracy or where material is not available in local languages. In addition to the photographs and their captions, text describes FAO's work and significant moments in its history through the decades. Some photographers also share their experiences and insights. Thus, readers can see the captured detail in the context of an evolving whole.



### FROM MAPS TO DATABASES

**LAUNCH OF THE HUNGER FROM HUNGER CAMPAIGN**  
 The first ever 'fast' protest to pressure and draw popular parts of the planet showed the scale of hunger worldwide. The campaign grew that to make it a global hunger awareness campaign, with the International Union of Nutritional Sciences (IUNS) and other organizations joining in to make it an all-out effort.

On 20 March 1985, Elvira Rosales, Director of the Food and Agriculture Organization (FAO), launched the 'Hunger from Hunger' campaign. After five years of negotiation, the United Nations General Assembly adopted the 'World Declaration on the Right to Food' in 1986. The declaration states that everyone has the right to a sufficient quantity of food and that governments should take steps to ensure that. It also calls for the elimination of hunger and malnutrition in all forms and at all levels.

**THE COMING OF CODEX**  
 Noting that the conflicting nature of food regulations hampers trade and affects the distribution of internationally available food, the Inter-Governmental Conference on Codex Alimentarius (CAC) was established in 1963. The conference was the first of its kind, and it led to the creation of the Codex Alimentarius Commission (CAC) in 1963. The CAC is the only international organization that has developed and adopted international food standards.

**RESEARCHING THE WORLD'S FOOD RESOURCES**  
 The use of high-quality aerial photography for the first time in the world was made possible by the FAO's 'World Food Survey' in 1963. The survey was a major milestone in the history of food resources research, as it provided the first comprehensive global inventory of food resources.

**CREATION OF THE WORLD FOOD PROGRAMME**  
 Following the success of the 'Hunger from Hunger' campaign, the United Nations General Assembly adopted the 'World Declaration on the Right to Food' in 1986. This declaration led to the creation of the World Food Programme (WFP) in 1981. The WFP is the largest humanitarian organization in the world, and it provides food assistance to over 80 million people in over 100 countries.

**1963. Codex Alimentarius**  
 The Inter-Governmental Conference on Codex Alimentarius (CAC) was established in 1963. The conference was the first of its kind, and it led to the creation of the Codex Alimentarius Commission (CAC) in 1963. The CAC is the only international organization that has developed and adopted international food standards.

**1963. World Food Survey**  
 The 'World Food Survey' was a major milestone in the history of food resources research, as it provided the first comprehensive global inventory of food resources.

**1966. World Food Day**  
 World Food Day is celebrated every year on 16 October. It was established in 1979 by the United Nations General Assembly to raise awareness of the world's food problems and to promote food security and nutrition.

**1960**  
 The first ever 'fast' protest to pressure and draw popular parts of the planet showed the scale of hunger worldwide. The campaign grew that to make it a global hunger awareness campaign, with the International Union of Nutritional Sciences (IUNS) and other organizations joining in to make it an all-out effort.

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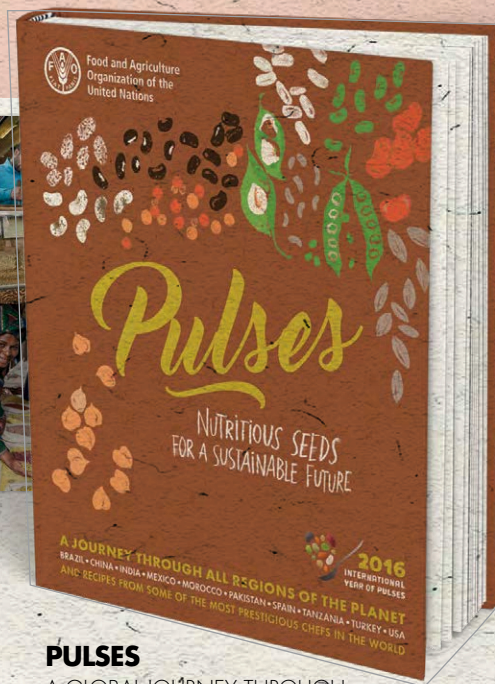
**1966**  
 World Food Day is celebrated every year on 16 October. It was established in 1979 by the United Nations General Assembly to raise awareness of the world's food problems and to promote food security and nutrition.

**1967**  
 The 'Hunger from Hunger' campaign was a major milestone in the history of food resources research, as it provided the first comprehensive global inventory of food resources.

# PULSES

## NUTRITIOUS SEEDS FOR A SUSTAINABLE FUTURE

Part guide, part cookbook, and peppered with informative visuals, this beautifully illustrated book provides an overview of pulses and a step-by-step guide on how to cook them. It presents the impact of pulses on nutrition, health, climate change, biodiversity and food security, and shows how pulses can be grown in garden patches.



### PULSES

A GLOBAL JOURNEY THROUGH RECIPES FROM LEADING CHEFS



Rome, 2016; ISBN 978-92-5-109172-2  
192 pp., 210 × 260 mm; USD 29.95, Paperback  
Available in: Arabic, Chinese, English, French, Russian, Spanish



**PULSES**  
VIDEO 4'04"



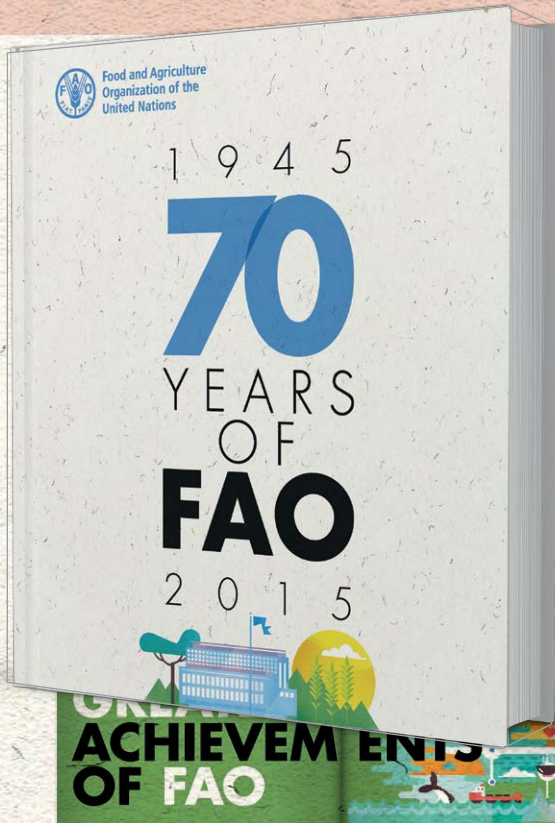
A beautifully illustrated collection of more than 30 recipes for pulses from around the world, presented in a handy and compact hardcover format.

Rome, 2016; ISBN 978-92-5-109343-6  
120 pp., 165 × 215 mm; USD 16.00; Hardcover  
Available in: English, Spanish

# Seven decades of fighting hunger

## 70 YEARS OF FAO (1945–2015)

This book tells the story of the Food and Agriculture Organization of the United Nations (FAO), its protagonists and their endeavours – such as the visionary David Lubin who campaigned tirelessly at the turn of the twentieth century for an international organization to defend farmers' interests. The publication brings to light previously unpublished images of the Organization's early years and recounts ten of FAO's success stories, such as the eradication of bovine rinderpest and the creation of the Treaty on Plant Genetic Resources.



Rome, 2015  
 ISBN 978-92-5-108897-5  
 260 pp., 210 x 260 mm; USD 36.00, Paperback  
 Available in: Arabic, Chinese, English, French, Italian,  
 Russian, Spanish



**FAO 70TH  
ANNIVERSARY**  
 VIDEO 5'39"

# EDUCATION AND YOUTH

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A SELECTION OF TITLES TO EDUCATE AND AMUSE YOUNG PEOPLE,  
AWAKEN THEIR CURIOSITY AND INSPIRE THEM TO CHANGE  
THE WORLD FOR THE BETTER.



# DISCOVERING FORESTS

TEACHING AND LEARNING GUIDES

Forests are an essential part of our environment and provide security and well-being for hundreds of millions of people, as crucial sources of food, energy and income. The **Discovering forests** teaching and learning guides are part of an FAO initiative to inspire, encourage and engage young people aged between 8 and 13 years to

**Learning guide**

Rome, 2018  
 ISBN 978-92-5-130316-0  
 48 pp.  
 297 x 210 mm  
 USD 30.00, Paperback  
 Available in: English, French, Spanish



MODULE 3

## What can we take from forests?

### I wonder

What parts and how many of our everyday products come from the woods? How do you tell the difference between these products? Can we make things from what we find in the forest? Can we take as much as we want or need? In this module, you will make discoveries in class and explore various forest materials and foods, such as the insects shown below. You will also learn about fascinating forest resources, including honey, rubber and medicines.

25 THE STATE OF OUR FORESTS

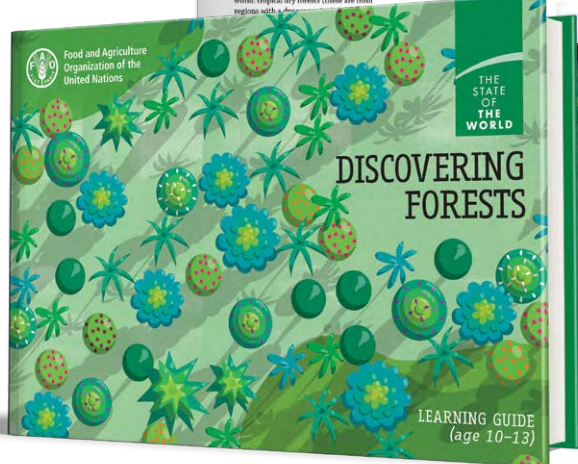
### investigate

Forests from around the world – and more  
 There are several kinds of forest around the world: tropical dry forests (these are found regions with a...

North America), mountain forests, near-the-sea mangrove forests, boreal coniferous forests from cold climate lands and more.



5 THE STATE OF OUR FORESTS 1. WHAT'S A RUBBER



manage the planet wisely and become the agents of change. The modules provide insights on a variety of wooded areas, from the field or park next door to the world's major forests, and cover a wide range of subject matter, from forest ecosystems to water resources, products and tenure issues.

The learning approach draws inspiration from the enquiry method, while content draws upon FAO's major biennial report on the **State of the World's Forests** and other key forestry publications. The modules are conceived to be customizable to help teachers tie in with curriculum objectives, ranging from science to geography and citizenship.

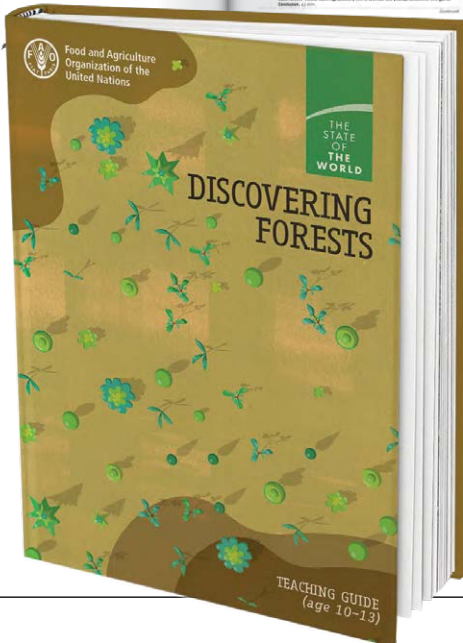
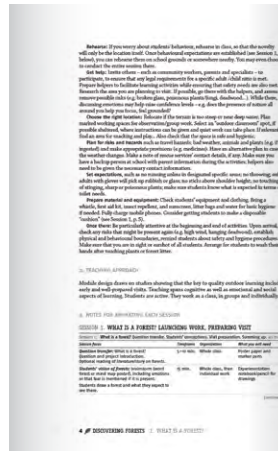


**TEACHING GUIDE**

- ▶ Practical and flexible
- ▶ Customizable interdisciplinary content (science, geography, citizenship, language)
- ▶ Designed by teachers for teachers
- ▶ Learning-by-doing approach
- ▶ Teaching plans for each module
- ▶ Indoor and outdoor activity guide
- ▶ Reading and writing exercises
- ▶ Active and effective pedagogical approach (enquiry method)

**LEARNING GUIDE**

- ▶ Backup documentation for students
- ▶ Easy-to-follow infographics
- ▶ Attractive layout



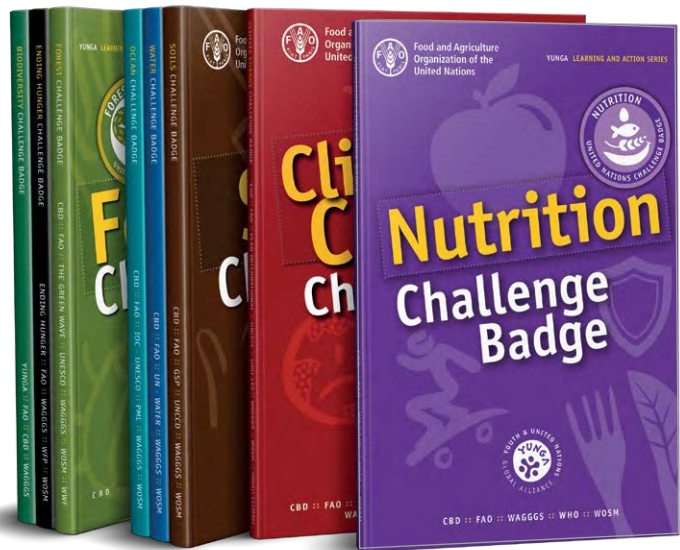
**Teaching guide**  
 Rome, 2018  
 ISBN 978-92-5-130307-8  
 64 pp., 210 x 297 mm  
 USD 30.00, Paperback  
 Also available in e-book format  
 Available in: English, French, Spanish

LEARNING AND ACTION SERIES

**YOUNG GLOBAL CITIZENS CHALLENGE BADGES**

The United Nations Global Alliance (YUNGA) Learning and Action series encourages young people to become active agents of change in their local communities.

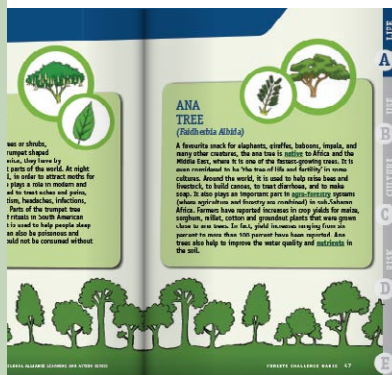
- 1 **BIODIVERSITY**
- 2 **CLIMATE CHANGE**
- 3 **ENDING HUNGER**
- 4 **FORESTS**
- 5 **THE OCEAN**
- 6 **SOILS**
- 7 **WATER**
- 8 **NUTRITION**
- NEW
- 9 **ENERGY FORTHCOMING**
- 10 **GENDER FORTHCOMING**
- 11 **AGRICULTURE FORTHCOMING**
- 12 **GOVERNANCE FORTHCOMING**



**NUTRITION CHALLENGE BADGE**

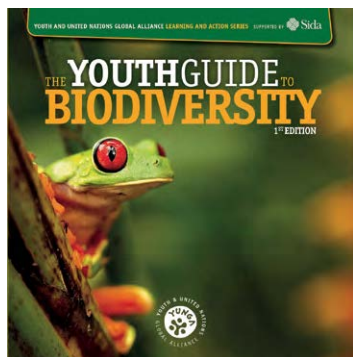
Rome, 2017  
 ISBN 978-92-5-109554-6  
 228 pp., 148 x 210 mm  
 USD 20.00, Paperback  
 Available in:  
 English, Spanish, Italian, Macedonian  
 Forthcoming in: Chinese, French

The **Nutrition Challenge Badge**, the latest in the series, explains the kinds of nutrients our bodies need to live a happy, healthy lifestyle, which foods to get important nutrients from, and how best to prepare these foods to make the most of the nutrients available.



## YOUTH GUIDES

Providing even deeper insight into topics such as biodiversity and oceans, the Youth Guides complement the Challenge Badges.

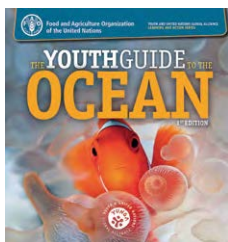


### YOUTH GUIDE TO BIODIVERSITY

This biodiversity guide was designed as an educational resource for schools, youth groups and curious young learners. It explains biodiversity in terms of genes, species and ecosystems, exploring its many shapes and forms under the sea, on land, up in the air, in rivers and lakes, and on the farms that produce our food.

The guide considers why biodiversity is important, how humans affect it, and what we must do to conserve the world's biological resources. At the end of the guide there are inspiring examples of youth-led initiatives and an easy-to-follow action plan to help readers develop their own projects.

Rome, 2013  
ISBN 978-92-5-107445-9  
260 pp., 210 × 220 mm  
USD 65.00, Paperback  
Available in: English

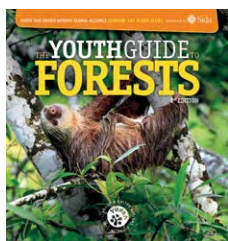


Rome, 2014  
ISBN 978-92-5-108647-6  
262 pp., 210 × 220 mm  
USD 50.00, Paperback  
Available in: English

### YOUTH GUIDE TO THE OCEAN

This guide takes young readers on a voyage from coastal zones to the frozen poles, and deep into the sea. It takes a close look at the physical features and natural processes that shape the incredible plant and animal life to be found underwater as well as life forms exposed by the tides.

It also demonstrates the many benefits the ocean provides us with, discusses the negative impacts that human activities can have, and explains ways of protecting and conserving the ocean and ocean life, including activities and initiatives that young people can carry out themselves.



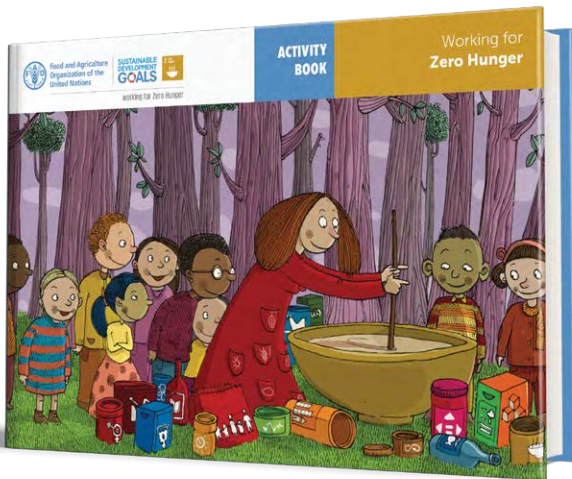
Rome, 2014  
ISBN 978-92-5-108435-9  
240 pp., 210 × 220 mm  
USD 54.00, Paperback  
Available in: English

### YOUTH GUIDE TO FORESTS

This fact-filled guide explores forests around the world, from the depths of the rainforest to high-altitude mountains. It also demonstrates the many benefits that forests provide, discusses the negative impacts that humans unfortunately have on forests, and explains how good management can help protect and conserve forests and their biodiversity. At the end of the guide, inspiring examples of youth-led initiatives and an easy-to-follow action plan will help young people develop their own forest conservation activities and projects.

FAO ACTIVITY BOOK SERIES

These books familiarize young people with FAO's work and how they can take action to become the Zero Hunger Generation.



# WORKING FOR ZERO HUNGER

This children's colouring and activity book, produced as part of the World Food Day 2018 campaign on Zero Hunger, shows how the global goal to eradicate hunger can be achieved if everyone plays their role, from governments and private sector companies to ordinary people.

Rome, 2018  
 24 pp., 297 x 210 mm  
 Available in: Arabic, Chinese, English, French, Italian, Russian, Spanish, Portuguese. Forthcoming in Macedonian, Ukrainian

Prices available upon request, Paperbacks

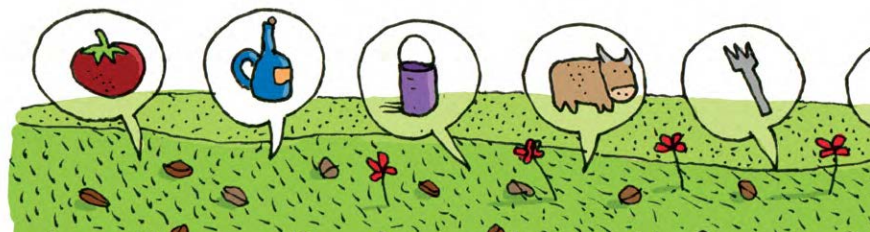


The new resource portal **Building the #ZeroHunger Generation** has just been released to support educators in preparing classes on important global issues at the core of FAO's work.



**FOOD WASTE**  
 ACTIVITY BOOK  
**FORTHCOMING**

Illustrations by Lorenzo Terranera





## YOUR GUIDE TO FAO

Rome, 2018  
ISBN 978-92-5-130616-1  
20 pp., 297 × 210 mm  
Available in: Arabic,  
Chinese, English, French,  
Italian, Russian, Spanish



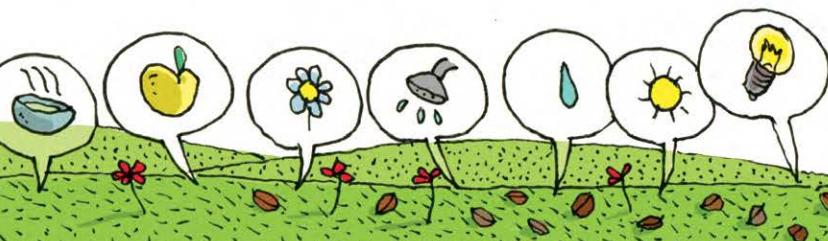
## CLIMATE IS CHANGING

Rome, 2018  
ISBN 978-92-5-130624-6  
20 pp., 297 × 210 mm  
Available in: Arabic,  
Chinese, English, French,  
Italian, Russian, Spanish



## CHANGE THE FUTURE OF MIGRATION

Rome, 2018  
ISBN 978-92-5-130509-6  
20 pp., 297 × 210 mm  
Available in: Arabic, English,  
French, Italian, Russian,  
Spanish, Chinese



# MAJOR REPORTS AND STATISTICS

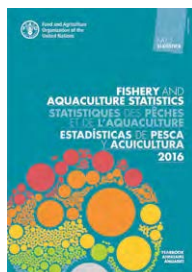
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FAO HAS BEEN COLLECTING QUALITATIVE AND QUANTITATIVE DATA ON 245 COUNTRIES AND TERRITORIES SINCE 1947, COVERING PRODUCTION, CONSUMPTION, TRADE, NUTRITION, FORESTRY, FISHERIES AND AQUACULTURE. FAO PUBLISHES STATISTICAL YEARBOOKS AND MAJOR REPORTS THAT PROVIDE GLOBAL OVERVIEWS, ANALYSIS AND PROJECTIONS.



## FAO YEARBOOK

FISHERY AND AQUACULTURE  
STATISTICS 2016



This edition contains global statistics, general concepts and classifications on capture fisheries production, aquaculture production, commodities production and trade, apparent fish consumption and employment.

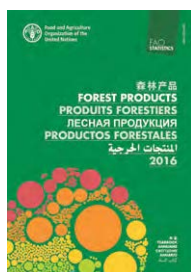
Rome, 2018  
ISBN 978-92-5-130636-9  
108 pp., 210 x 290 mm  
USD 90.00, Paperback  
ISBN 9789251306369  
Available in: English, French,  
Spanish (trilingual)



## STATISTICAL POCKETBOOK

This publication presents selected key indicators related to agriculture and food security that stakeholders can use to prioritize their actions. It is divided into two main sections, one thematic and one country-specific. It presents a variety of dimensions of agriculture and food security along four main focus areas: setting, hunger dimensions, food supply and environment.

FORTHCOMING



## FAO YEARBOOK

FOREST PRODUCTS 2016  
(70TH EDITION)

Rome, 2018  
ISBN 978-92-5-130642-0  
358 pp., 210 x 297 mm  
USD 70.00, Paperback  
Available in: Arabic, Chinese,  
English, French, Italian,  
Russian, Spanish (multilingual)

Now in its 70th year, this is a compilation of statistical data on basic forest products for all countries and territories of the world. It contains annual data on the volume of production and the volume and value of trade in forest products.

## PULP AND PAPER CAPACITIES SURVEY 2016–2021

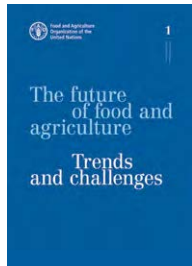


Rome, 2017  
ISBN 978-92-5-009846-3  
180 pp., 210 x 297 mm  
USD 50.00, Paperback  
Available in: English, French,  
Spanish (trilingual)



## FAOSTAT

FAOSTAT is the world's most comprehensive statistical database on food and agriculture, freely available on the FAO website.



## THE FUTURE OF FOOD AND AGRICULTURE

TRENDS AND CHALLENGES

What is needed to realize the vision of a world free from hunger and malnutrition? After shedding light on the nature of the challenges that agriculture and food systems are facing now and will face throughout the twenty-first century, this publication provides insights into what is at stake and what needs to be done. "Business as usual" is not an option. Major transformations in agricultural systems, rural economies and natural resources management are necessary.

Rome, 2017  
 ISBN 978-92-5-109551-5  
 164 pp., 210 x 297 mm  
 USD 45.00, Paperback  
 Available in: English



## SUMMARY VERSION

Rome, 2017  
 52 pp., 160 x 220 mm  
 Price available on request, Paperback  
 Available in: English, French, Spanish

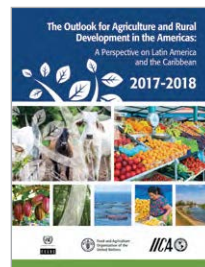


## OECD-FAO AGRICULTURAL OUTLOOK 2018-2027

SPECIAL FOCUS  
 NEAR EAST AND NORTH AFRICA

This annual collaborative effort between OECD and FAO brings together the commodities, policy and country expertise of both organizations as well as input from collaborating member countries to assess the medium-term prospects of national, regional and global agricultural commodities markets. This edition provides market projections to 2027 for major commodities, biofuels and fish, and contains a special feature on the Near East and North Africa.

FAO & OECD, Rome, 2018  
 ISBN 978-92-5-130501-0; 112 pp., 210 x 297 mm  
 USD 72.00, Paperback; Available in: English, French, Spanish. Forthcoming in Chinese, Italian, Spanish



## THE OUTLOOK FOR AGRICULTURE AND RURAL DEVELOPMENT IN THE AMERICAS

A PERSPECTIVE ON LATIN AMERICA AND THE CARIBBEAN 2017-2018

This edition shows a slow but uneven global economic recovery in 2016, with further signs of improvement in 2017, and a reduction in income inequality.

CEPAL, FAO, IICA, San José, 2017  
 ISBN 978-92-5-130000-8  
 268 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English, Spanish

The FAO Commission on Genetic Resources for Food and Agriculture Assessments provide global overviews, based on country data, of the state of the world's forest, plant, aquatic and animal genetic resources, and on biodiversity for food and agriculture.



THE SECOND REPORT ON  
**THE STATE OF THE WORLD'S  
ANIMAL GENETIC RESOURCES** FOR  
FOOD AND AGRICULTURE

A comprehensive assessment of livestock biodiversity and trends in animal genetic resources management, drawing on information provided by 129 countries and numerous other sources.

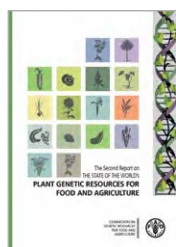
Rome, 2015  
ISBN 978-92-5-108820-3; 604 pp., 176 x 250 mm  
USD 195.00, Hardcover  
Also available in e-book format; Available in: English



**THE STATE OF THE  
WORLD'S FOREST  
GENETIC RESOURCES**

The report makes recommendations to address threats to forest species, including by the conversion of forests to pastures and farmland, overexploitation, and the impacts of climate change, and analyses the drivers of change and relevant emerging technologies.

Rome, 2014  
ISBN 978-92-5-108402-1  
304 pp., 176 x 250 mm  
USD 55.00, Hardcover  
Also available in e-book format  
Available in: English



THE SECOND REPORT ON  
**THE STATE OF THE WORLD'S  
PLANT GENETIC RESOURCES**  
FOR FOOD AND AGRICULTURE

Based on information gathered from country reports and a wealth of other documents, this publication tracks developments between 1996 and 2010.

Rome, 2010  
ISBN 978-92-5-106534-1; 370 pp., 176 x 250 mm  
USD 95.00, Hardcover  
Available in: English

**THE STATE OF THE WORLD'S BIODIVERSITY  
FOR FOOD AND AGRICULTURE**

This publication presents a broad perspective on the contributions of biodiversity to food security and nutrition, sustainable and resilient agricultural production, and the provision of ecosystem services.

**FORTHCOMING**

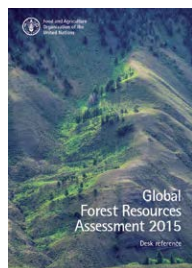


## GLOBAL FOREST RESOURCES ASSESSMENT 2015

HOW ARE THE WORLD'S FORESTS CHANGING?

Building on comprehensive data covering 234 countries and territories, this five-yearly report shows that over the past 25 years the rate of net global deforestation has slowed by more than 50 percent.

Rome, 2016 (second edition)  
 ISBN 978-92-5-109283-5; 54 pp., 210 × 297 mm  
 USD 65.00, Paperback  
 Also in e-book format; Available in: Arabic, Chinese, English, French, Russian, Spanish



## GLOBAL FOREST RESOURCES ASSESSMENT 2015

DESK REFERENCE

Rome, 2015  
 ISBN 978-92-5-108826-5  
 252 pp., 210 × 297 mm  
 USD 100.00, Paperback  
 Available in: Arabic, Chinese, English, French, Russian, Spanish

This desk reference provides the data reported by countries for the **Global Forest Resources Assessment 2015**. Presented in easy-to-consult tabular form, it is a useful companion to the main report.



## SEVENTY YEARS OF FAO'S GLOBAL FOREST RESOURCES ASSESSMENT (1948-2018)

HISTORICAL OVERVIEW AND FUTURE PROSPECTS

Rome, 2018  
 ISBN 978-92-5-130062-6; 72 pp., 210 × 210 mm  
 USD 50.00, Paperback  
 Available in: English

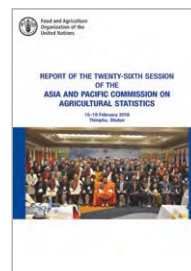
Launched in conjunction with a new online platform for forest reporting, this publication retraces the history of the Global Forest Resources Assessment, from the first global assessment in 1948 to the most recent reports, which adopt a more comprehensive approach to address all aspects of sustainable forest management.



## PACIFIC STRATEGIC PLAN FOR AGRICULTURAL AND FISHERIES STATISTICS

STRENGTHENING THE EVIDENCE BASE FOR ACHIEVEMENT OF THE SUSTAINABLE DEVELOPMENT GOALS

FAO, SPC, Bangkok, 2018  
 ISBN 978-92-5-130125-8  
 44 pp., 210 × 297 mm  
 Price available upon request, Paperback  
 Available in: English



## REPORT OF THE TWENTY-SIXTH SESSION OF THE ASIA AND PACIFIC COMMISSION ON AGRICULTURAL STATISTICS

Rome, 2017  
 ISBN: 978-92-5-109955-1  
 60 pp., 210 × 297 mm  
 Price available upon request, Paperback  
 Available in: English

# AREAS OF WORK

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FAO PRODUCES PUBLICATIONS IN ALL ITS FIELDS OF EXPERTISE FOR A RANGE OF SPECIALIZED AUDIENCES, FROM ACADEMICS AND POLICY-MAKERS TO TECHNICAL EXPERTS AND PRACTITIONERS ON THE GROUND.

AGRICULTURE

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ANIMAL PRODUCTION AND HEALTH

---

CLIMATE CHANGE

---

ECONOMIC AND SOCIAL DEVELOPMENT

---

FISHERIES AND AQUACULTURE

---

FOOD SAFETY AND NUTRITION

---

FORESTRY

---

PLANT PRODUCTION AND HEALTH

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**AFGHANISTAN**

Wheat harvest, part of the Variety and Seed Industry Development Project in support of private sector seed and planting materials industry in Afghanistan.  
©FAO/Giulio Napolitano

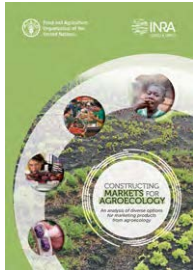
**AGRICULTURE**

**S**ustainability is a concern that underpins all of FAO's work in agriculture. It is the explicit focus of several recent and forthcoming publications that explore promising **ecosystem-based approaches** for the sustainable intensification of agriculture (see p. 39), and have been highlighted at international fora, such as the Second International Symposium on Agroecology held at FAO

headquarters in April 2018. Some other titles provide specific guidance on better management of **land and water** resources – see for example the Water reports series on p. 43 and several titles on soils on pp. 44–45. An increasing number of publications explore **technological innovation** as a path towards sustainability, from blockchain to the use of drones or even 3D food printing (p. 47). Several major FAO events in 2018 are also dedicated to this theme, including the Committee

on Agriculture Meeting in October on Innovations for sustainable food and agriculture and the International Symposium on Agricultural Innovation for Family Farmers in November. **Food systems** and the increasingly complex interconnections between producers and consumers are another important area, and the subject of several new titles, covering questions ranging from the place of cities in the food security equation to the economic impacts of geographical indications for producers (p. 41). ■

**SAVE AND GROW SERIES**

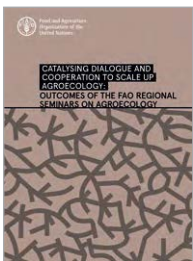


**CONSTRUCTING MARKETS FOR AGROECOLOGY**

AN ANALYSIS OF DIVERSE OPTIONS FOR MARKETING PRODUCTS FROM AGROECOLOGY

This study examines 12 initiatives in developing countries that have successfully built markets for agroecological products, identifying the linkages between markets and the community and highlighting the role of consumers in influencing marketing strategies.

FAO, INRA, Rome, 2018  
 ISBN 978-92-5-130339-9; 212 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



**CATALYSING DIALOGUE AND COOPERATION TO SCALE UP AGROECOLOGY**

OUTCOME OF THE FAO REGIONAL SEMINARS ON AGROECOLOGY

With its focus on equity and the rights of women, youth, and indigenous peoples, agroecology is strongly supported by many stakeholders as a holistic approach to transforming food systems, as demonstrated in this publication.

Rome, 2018  
 ISBN 978-92-5-130464-8; 132 pp., 200 x 270 mm  
 Price available upon request, Paperback  
 Also available in e-book format  
 Available in: English

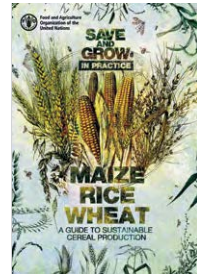
**SUSTAINABLE FOOD AND AGRICULTURE**  
 AN INTEGRATED APPROACH

**FORTHCOMING**

**AQUACULTURE ZONING, SITE SELECTION AND AREA MANAGEMENT UNDER THE ECOSYSTEM APPROACH TO AQUACULTURE**

**SEE PAGE 89**

A groundbreaking series presenting FAO's ecosystem-based approach to sustainable intensification of agriculture.



**SAVE AND GROW IN PRACTICE**

MAIZE, RICE AND WHEAT

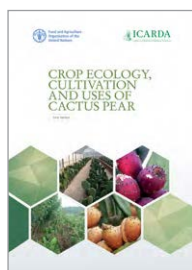
The latest volume shows how ecosystem-based farming systems are helping smallholder farmers boost cereal yields, strengthen their livelihoods, reduce pressure on the environment and build resilience to climate change.

Rome, 2016  
 ISBN 978-92-5-108519-6  
 120 pp., 182 x 257 mm  
 USD 45.00, Paperback  
 Also available in e-book format  
 Available in: Arabic, Chinese, English, French, Russian, Spanish

**SAVE AND GROW HORTICULTURE**

This book will explore "Save and Grow" approaches used in horticulture systems, highlighting the holistic ecosystem approach to production.

**FORTHCOMING**

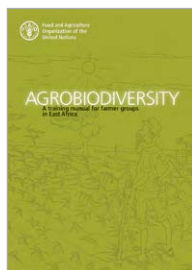


## CROP ECOLOGY, CULTIVATION AND USES OF CACTUS PEAR

FINAL VERSION

An overview of cactus pears' features and uses, including human and medical consumption, restoration of degraded lands, and fodder.

FAO, ICARDA, Rome, 2017  
 ISBN 978-92-5-109860-8  
 244 pp., 210 x 297 mm  
 USD 75.00, Paperback  
 Available in: English, French, Spanish

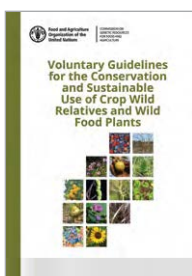


## AGROBIODIVERSITY

A TRAINING MANUAL FOR FARMER GROUPS IN EAST AFRICA

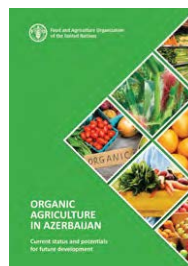
This manual introduces Farmer Field Schools and other key approaches for training related to agrobiodiversity and its benefits, including food and livelihood security.

Rome, 2018  
 ISBN 978-92-5-130529-4  
 196 pp., 148 x 210 mm  
 Price available upon request, Paperback  
 Available in: English



## VOLUNTARY GUIDELINES FOR THE CONSERVATION AND SUSTAINABLE USE OF CROP WILD RELATIVES AND WILD FOOD PLANTS

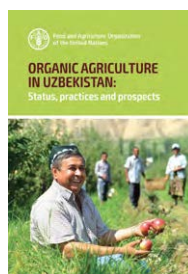
Rome, 2017  
 ISBN 978-92-5-109919-3  
 104 pp., 210 x 297 mm  
 USD 93.00, Paperback  
 Also available in e-book format  
 Available in Arabic, English, French, Spanish



## ORGANIC AGRICULTURE IN AZERBAIJAN

CURRENT STATUS AND POTENTIALS FOR FUTURE DEVELOPMENT

Ankara, 2017  
 ISBN 978-92-5-13100-5  
 104 pp., 176 x 250 mm  
 Price available upon request,  
 Paperback  
 Available in: English, Russian

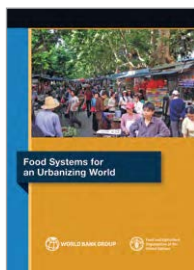


## ORGANIC AGRICULTURE IN UZBEKISTAN

STATUS, PRACTICES AND PROSPECTS

This publication points out that Uzbekistan is suffering from low production capacity in organic agriculture, despite increasing demand, and calls for the implementation of quality standards.

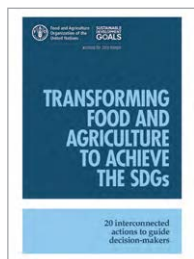
Tashkent, 2018  
 ISBN 978-92-5-130147-0  
 132 pp., 176 x 250 mm  
 Price available upon request, Paperback  
 Available in: English, Russian



## FOOD SYSTEMS IN AN URBANIZING WORLD

This report presents a narrative stressing the centrality of food to the future of cities, countries and the planet — to jobs, human health, food security and climate change, and suggests the TRANSFORM framework to develop food-smart cities.

FAO, World Bank, Rome, 2018  
 ISBN 978-92-5-130127-2  
 176 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



## TRANSFORMING FOOD AND AGRICULTURE

20 INTERCONNECTED ACTIONS TO GUIDE DECISION-MAKERS

This publication proposes 20 interconnected actions to strengthen food security, generate decent employment, spur rural development, conserve natural resources and respond to climate change, all part of the 2030 Agenda.

Rome, 2018  
 ISBN 978-92-5-130626-0  
 76 pp., 176 x 250 mm  
 Price available upon request, Paperback  
 Available in: English, French, Spanish

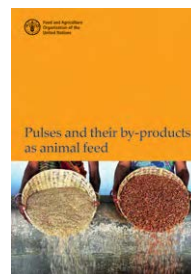


## STRENGTHENING SUSTAINABLE FOOD SYSTEMS THROUGH GEOGRAPHICAL INDICATIONS

AN ANALYSIS OF ECONOMIC IMPACTS

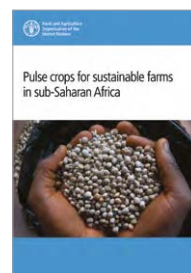
Based on nine case studies across different industries worldwide, this study confirms a significant positive effect of geographical indications on production, market access and price, regardless of the type of product and the region of origin.

FAO, EBRD, Rome, 2018  
 ISBN 978-92-5-130389-4; 156 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



## PULSES AND THEIR BY-PRODUCTS AS ANIMAL FEED

Rome, 2017  
 ISBN 978-92-5-109915-5  
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## PULSE CROPS FOR SUSTAINABLE FARMS IN SUB-SAHARAN AFRICA

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## OILCROPS COMPLEX

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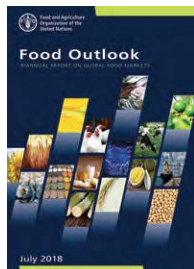
Rome, 2018  
ISBN 978-92-5-130533-1  
84 pp., 210 x 297 mm  
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## CROP PROSPECTS AND FOOD SITUATION

SEPTEMBER 2018

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## FOOD OUTLOOK

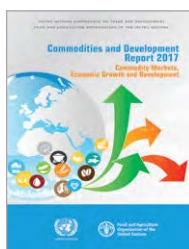
JULY 2018

An analysis of medium-term global market and policy developments affecting wheat, rice, meat and fishery products, amongst others. This issue includes special features on minor tropical fruits, including guava and lychee, and insights into food import bills.

Rome, 2018  
ISBN 978-92-5-130768-7  
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Also available in e-book format  
Available in: English

## COMMODITIES AND DEVELOPMENT

REPORT 2017



Commodity prices are projected to increase marginally until 2030. The challenge for developing countries is to foster an environment that combines fiscal, sectoral and social policies to prevent price volatility from impacting national economies.

UN, FAO, New York, Geneva, 2017  
ISBN 978-92-5-109969-8  
96 pp., 210 x 297 mm  
Paperback; Available in: English

## REPORT OF THE FOURTH MINISTERIAL MEETING ON COMMODITY MARKETS AND PRICES

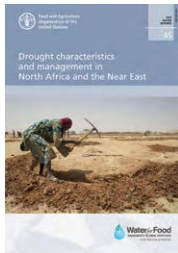


This publication presents discussions on commodity dependence, value chain development and others, and makes recommendations to advance food security and nutrition by improving food safety controls and avoiding trade barriers.

Rome, 2017  
ISBN 978-92-5-109744-1  
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## FAO WATER REPORTS SERIES

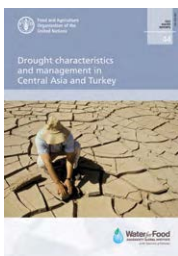
The publications in this series explain innovative concepts in the areas of water tenure, accounting and management.



### DROUGHT CHARACTERISTICS AND MANAGEMENT IN NORTH AFRICA AND THE NEAR EAST

This report assesses gaps in current drought management and recommends that governments use context-specific response plans, develop national drought management policies and disseminate relevant technologies.

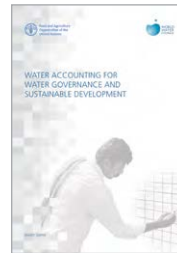
Rome, 2018  
ISBN 978-92-5-130683-3; 268 pp., 210 x 297 mm  
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### DROUGHT CHARACTERISTICS AND MANAGEMENT IN CENTRAL ASIA AND TURKEY

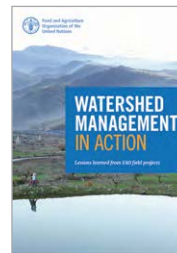
This report assesses drought impacts, such as soil water deficits, in Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Turkey. It looks at exacerbating factors, such as political instability, and identifies policies to promote proactive drought management.

Rome, 2017  
ISBN 978-92-5-109604-8; 116 pp., 210 x 297 mm  
Price available upon request, Paperback  
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### WATER ACCOUNTING FOR WATER GOVERNANCE AND SUSTAINABLE DEVELOPMENT

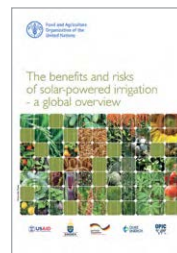
FAO, World Water Council, Rome, Marseille, 2018  
ISBN 978-92-5-130427-3  
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Price available upon request, Paperback  
Also available in e-book format  
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FAO, Deutsche Gesellschaft für Internationale Zusammenarbeit, Rome, 2018  
ISBN 978-92-5-130479-2  
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Price available upon request  
Paperback  
Available in: English

Nature & Faune is a peer-reviewed, open-access, international bilingual journal dedicated to exchanging information and practical experience in the field of wildlife and protected-area management and conservation of natural resources in Africa.

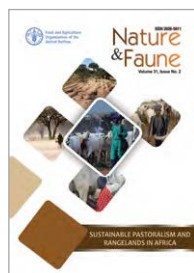


### CREATING A FOREST LANDSCAPE RESTORATION MOVEMENT IN AFRICA

VOLUME 32, ISSUE 1

Initiatives covered in this issue that could contribute to restoring 100 million hectares of land by 2030 include farmer managed natural regeneration, water harvesting and tree intercropping.

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Available in: English, French

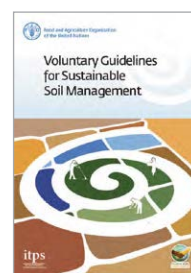


### SUSTAINABLE PASTORALISM AND RANGELANDS IN AFRICA

VOLUME 31, NO. 2

Accra, 2017  
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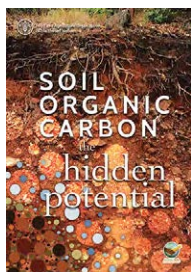
This issue explores different aspects of pastoralism and rangeland management in Africa, including threats and opportunities for young pastoralists in Kenya, gender roles and the impacts of eco-tourism in Tanzania.



### VOLUNTARY GUIDELINES FOR SUSTAINABLE SOIL MANAGEMENT

These Voluntary Guidelines provide general technical and policy recommendations on sustainable soil management (SSM).

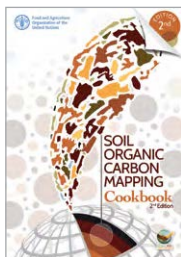
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**SOIL ORGANIC CARBON**  
THE HIDDEN POTENTIAL

This publication aims to provide an overview to decision-makers and practitioners of current knowledge and knowledge gaps on soil organic carbon.

Rome, 2017  
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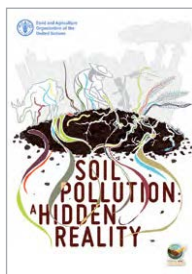


**SOIL ORGANIC CARBON MAPPING COOKBOOK**

SECOND EDITION

This edition provides methodologies for producing soil organic carbon maps, preparing local soil data, compiling and pre-processing ancillary spatial data sets, upscaling, and carrying out uncertainty assessments.

Rome, 2018; ISBN 978-92-5-130440-2  
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Price available upon request, Paperback  
Also available in e-book format; Available in: English



**SOIL POLLUTION: A HIDDEN REALITY**

This book reports on soil pollution and explains how to manage and remediate polluted soils. It includes risk assessment approaches and suggests changes to agronomic practices.

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156 pp., 176 x 250 mm  
USD 53.00, Paperback  
Available in: English

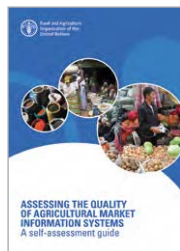


**HANDBOOK FOR SALINE SOIL MANAGEMENT**

EURASIAN SOIL PARTNERSHIP IMPLEMENTATION PLAN

FAO, Lomonosov Moscow State University, Rome, 2018  
ISBN 978-92-5-130141-8; 140 pp., 210 x 297 mm  
USD 82.00, Paperback  
Also available in e-book format  
Available in: English, Russian

This handbook, prepared for a workshop on salt-affected soils in Ukraine, helps understand diagnostic methods, criteria, factors, scale and extent of soil salinity. It provides methods for monitoring saline and alkaline soils, such as aerial photography and GIS mapping.

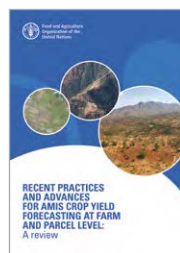


**ASSESSING THE QUALITY OF AGRICULTURAL MARKET INFORMATION SYSTEMS**

A SELF-ASSESSMENT GUIDE

This guide helps assess the relevance, accuracy, accessibility, timeliness, and understandability of market information systems through a series of indicators, including data collection, processing and dissemination, and sustainability plans.

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 Price available upon request, Paperback  
 Also available in e-book format; Available in: English

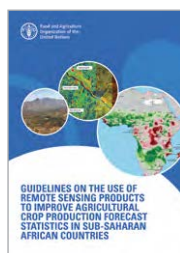


**RECENT PRACTICES AND ADVANCES FOR AMIS CROP YIELD FORECASTING AT FARM AND PARCEL LEVEL**

A REVIEW

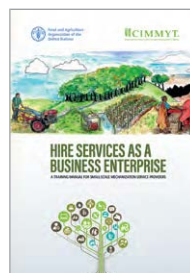
New developments in forecasting food production reviewed here include a stronger presence of the private sector, changes to data collection and analysis methods, and more sophisticated modelling of food production.

Rome, 2017  
 ISBN: 978-92-5-109779-3  
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**GUIDELINES ON THE USE OF AVAILABLE REMOTE SENSING TOOLS, PRODUCTS, METHODOLOGIES AND DATA TO IMPROVE AGRICULTURAL CROP PRODUCTION FORECAST STATISTICS IN SUB-SAHARAN AFRICAN COUNTRIES**

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This manual for hire service providers covers machinery operation and maintenance, draught animal care, financial procedures and other topics, organized in 5 modules and 27 sessions.

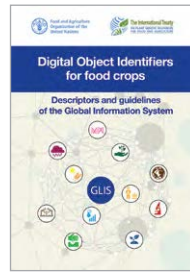
FAO, CIMMYT, Rome, 2018  
 ISBN 978-92-5-130513-3  
 142 pp., 210 x 297 mm  
 USD 52.00, Paperback  
 Available in: English, French



## EMERGING OPPORTUNITIES FOR THE APPLICATION OF BLOCKCHAIN IN THE AGRI-FOOD INDUSTRY

This paper sheds light on the benefits of distributed ledger technologies, including product traceability and the disintermediation of transactions, as well as challenges such as the creation of an enabling environment and building capacity in rural areas.

FAO, ICTSD, Geneva, Rome, 2018  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
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## DIGITAL OBJECT IDENTIFIERS FOR FOOD CROPS

DESCRIPTORS AND GUIDELINES OF THE GLOBAL INFORMATION SYSTEM

This paper reports on the use of Digital Object Identifiers, an international standard adapted to identify plant germplasm worldwide and to provide easy access to information on seeds and other crop material for research, training and plant breeding.

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## E-AGRICULTURE IN ACTION

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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.

FAO, ITU, Bangkok, 2018  
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Available in: English

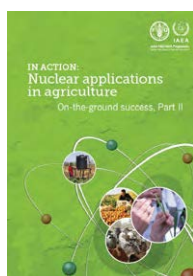


## E-AGRICULTURE IN ACTION

Case studies on the innovative use of emerging technologies, such as 3D food printing, electronic traceability services, and multi-parameter monitors for indoor air quality, to improve the livelihoods of farming communities.

FAO, International Telecommunication Union, Bangkok, 2017  
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112 pp., 210 x 297 mm  
USD 50.00, Paperback  
Available in: English

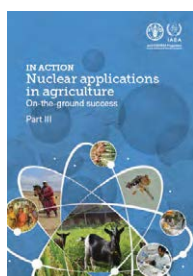
FAO and the International Atomic Energy Agency (IAEA) help their Members apply nuclear and related techniques to increase agricultural productivity sustainably, taking into account national and local specificities and priorities.



### IN ACTION – NUCLEAR APPLICATIONS IN AGRICULTURE

ON-THE-GROUND SUCCESS  
PART II

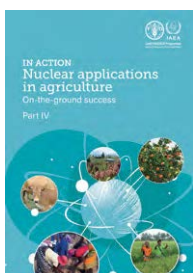
FAO, IAEA, Rome, 2016  
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### IN ACTION – NUCLEAR APPLICATIONS IN AGRICULTURE

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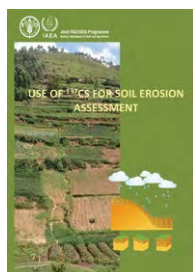


### IN ACTION – NUCLEAR APPLICATIONS IN AGRICULTURE

ON-THE-GROUND SUCCESS  
PART IV

This selection of projects, including the artificial insemination of cattle to boost milk and meat production in Bangladesh, and mycotoxin control in Zambia, shows how FAO/IAEA-led technology transfer is helping farmers.

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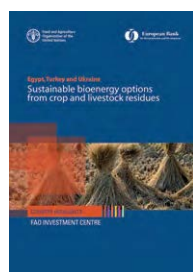


### GUIDELINE FOR PACKING, SHIPPING, HOLDING AND RELEASE OF STERILE FLIES IN AREA-WIDE FRUIT FLY CONTROL PROGRAMMES

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## COUNTRY HIGHLIGHTS SERIES

The Country Highlights series of the FAO Investment Centre reviews the agricultural/rural sector, specific investment projects and food chains in a range of countries and regions.



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SUSTAINABLE BIOENERGY OPTIONS FROM CROP AND LIVESTOCK RESIDUES

While in Egypt industrial-level biogas production does not seem feasible due to the limited availability of suitable residues, Turkey may be able to meet demand. In Ukraine, the potential to use agricultural residues is highest in central areas.

Rome, 2017,  
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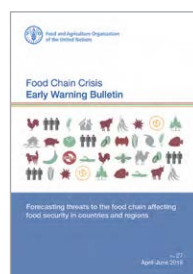
OPPORTUNITIES IN AGRIFOOD COOPERATIVES

This study provides a better understanding of how cooperatives can contribute to rural development in Morocco and suggests a focus on rural areas through capacity development, improved access to finance, and a stronger knowledge base.

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The FCC (Food Chain Crisis) Early Warning Bulletins inform on threats to the food chain and food security for the three months ahead.

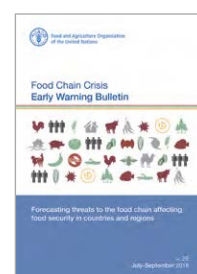


### FAO FOOD CHAIN CRISIS EARLY WARNING BULLETIN

APRIL–JUNE 2018

The report notes that there are currently 33 Food Chain Crisis (FCC) threats occurring in Africa, the Americas, Asia and Europe, among which African swine fever, avian influenza and Banana bunchy top disease.

Rome, 2018  
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### FOOD CHAIN CRISIS EARLY WARNING BULLETIN

JULY–SEPTEMBER 2018

The report notes that 34 food chain crisis threats are expected to occur in Africa, the Americas, Asia, Europe, and Oceania, including Ebola virus, Tilapia Lake virus disease, Banana bunchy top disease and Tomato leaf miner.

Rome, 2018  
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## ANIMAL PRODUCTION AND HEALTH

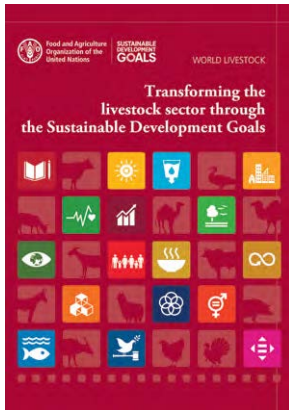
Strengthening livestock's contribution to the Sustainable Development Goals (SDGs) will require a profound transformation of the sector, as demonstrated in the most recent report in the World Livestock series (p. 51). The report looks at the multiple roles that livestock can play in achieving the SDGs and the challenges of maximizing benefits while reducing risks,

taking into account animal, human and environmental health, income generation, feed safety and disease prevention.

A major challenge posed by the growth of the sector is the increasing use of antimicrobials, and the consequent increase in **antimicrobial resistance** (AMR) and risks associated with animal diseases. FAO is therefore producing timely analysis and guidance to minimize antimicrobial use and to improve awareness of AMR at the policy level (p. 51).

**Animal diseases** such as Peste des Petits Ruminants (PPR) – a virus that has spread to more than 70 countries and causes annual losses of USD 2.1 billion – are also a key focus of FAO's research and action. In September 2018, FAO and the World Organization for Animal Health organized a global conference in which 45 countries renewed their political commitment to eradicate PPR globally. See pp. 52–54 for titles on PPR, Ebolavirus, African Swine fever and other important animal health risks. ■

**MEXICO**  
Cattle herded through a field.  
©FAO/Giuseppe Bizzarri



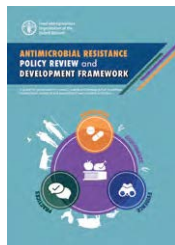
FORTHCOMING 17 OCTOBER 2018

## TRANSFORMING THE LIVESTOCK SECTOR THROUGH THE SUSTAINABLE DEVELOPMENT GOALS

WORLD LIVESTOCK

This report is a response to the expressed interest of leading livestock stakeholder groups to align their action plans towards the achievement of the 2030 Agenda's objectives, goals and targets. In this regard, it presents FAO's vision of the contribution of the livestock sector to each of the 17 goals, and addresses the challenges this sector faces to achieve the Sustainable Development Goals.

Rome, 2018  
ISBN 978-92-5-130883-7; 224 pp., 176 x 250 mm  
Price available upon request, Paperback  
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### ANTIMICROBIAL RESISTANCE

POLICY REVIEW AND DEVELOPMENT FRAMEWORK

This framework assesses antimicrobial resistance and use-related policies; determines the compatibility of existing policy with international standards and practices; and makes recommendations to improve national policy response, including through working groups, data collection and pilot projects.

Bangkok, 2018  
ISBN 978-92-5-130947-6; 68 pp., 176 x 250 mm  
Price available upon request, Paperback  
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### MONITORING GLOBAL PROGRESS ON ADDRESSING ANTIMICROBIAL RESISTANCE

Although 60.4 percent of countries that responded to a global survey have developed antimicrobial resistance action plans, there is still much to be done to improve surveillance and research, reduce incidence of infection, and optimize use of human and veterinary medicines.

FAO, OIE, WHO, Rome 2018  
ISBN 978-92-5-130800-4; 68 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

**TACKLING ANTIMICROBIAL USE AND RESISTANCE IN PIG PRODUCTION – LESSONS LEARNED IN DENMARK**

FORTHCOMING



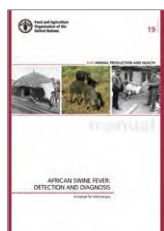
**EMPRES ANIMAL HEALTH 360**  
SPECIAL ISSUE ON LUMPY SKIN DISEASE

Given the quick spread of lumpy skin disease in continental Europe and the Balkan Peninsula since 2015, this issue overviews different response mechanisms.

Rome, 2017  
ISBN 978-92-5-109985-8  
64 pp., 210 x 297 mm  
USD 15.00, Paperback  
Available in: English

MANUALS  
SERIES

This series provides hands-on guidance on specific aspects of the livestock sector to strengthen the implementation of best practices.



**AFRICAN SWINE FEVER (ASF) DETECTION AND DIAGNOSIS**

This manual will assist veterinarians in the detection and control of the African swine fever through methods such as improved border control, and improved biosecurity.

Rome, 2017  
ISBN 978-92-5-109752-6  
92 pp., 176 x 250 mm  
Price available upon request,  
Paperback  
Also available in e-book format  
Available in: Chinese, English, Russian



**LUMPY SKIN DISEASE**  
A FIELD MANUAL  
FOR VETERINARIANS

This manual provides a clinical presentation of lumpy skin disease, including transmission routes and prevention and control.

Rome, 2017  
ISBN 978-92-5-109776-2  
60 pp., 176 x 250 mm  
Price available upon request,  
Paperback. Also available in e-book  
format. Available in: Albanian,  
English, Macedonian, Russian,  
Serbian, Turkish



**RIFT VALLEY FEVER SURVEILLANCE**

This guide to effective disease surveillance aims to reduce the socioeconomic consequences of Rift Valley fever outbreaks and prevent them where possible.

Rome, 2018  
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84 pp., 176 x 250 mm  
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This electronic series covers the four constituent elements of a risk analysis process: hazard identification, risk assessment, risk management and risk communication.



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QUALITATIVE ENTRY AND EXPOSURE ASSESSMENT UPDATE

Rome, 2018  
16 pp., 210 x 297 mm  
Available online only  
Available in: English

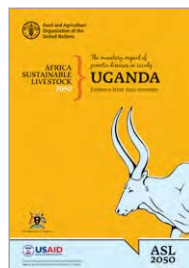


### AFRICAN SWINE FEVER THREATENS PEOPLE'S REPUBLIC OF CHINA

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SEE PAGE 41



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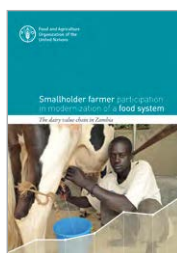
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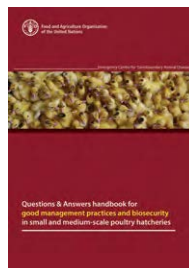
A GUIDEBOOK FOR DESIGNING HOUSEHOLD SURVEY QUESTIONNAIRES

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Rome, 2017

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Hanoi, 2017

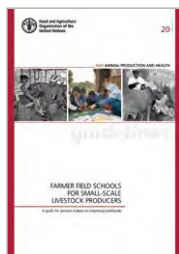
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Rome, 2017  
ISBN 978-92-5-130358-0  
60 pp., 176 x 250 mm  
USD 40.00, Paperback  
Available in: English

**DEVELOPING SUSTAINABLE VALUE CHAINS FOR SMALL-SCALE LIVESTOCK PRODUCERS**

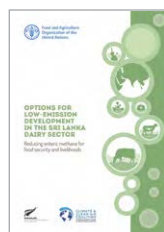
FORTHCOMING



### OPTIONS FOR LOW-EMISSION DEVELOPMENT IN THE KENYA DAIRY SECTOR

This study evaluates the potential for improving milk production while reducing enteric methane emission through low-cost strategies, including the use of urea-treated crop residues and vaccination against East Coast Fever.

FAO, New Zealand Agricultural Greenhouse Gas Research Centre, Rome, 2017  
ISBN 978-92-5-109878-3  
44 pp., 210 x 297 mm  
Available online only  
Available in: English



### OPTIONS FOR LOW-EMISSION DEVELOPMENT IN THE SRI LANKA DAIRY SECTOR

This series of documents explain low-cost strategies to reduce enteric CH<sub>4</sub> emissions in selected countries.

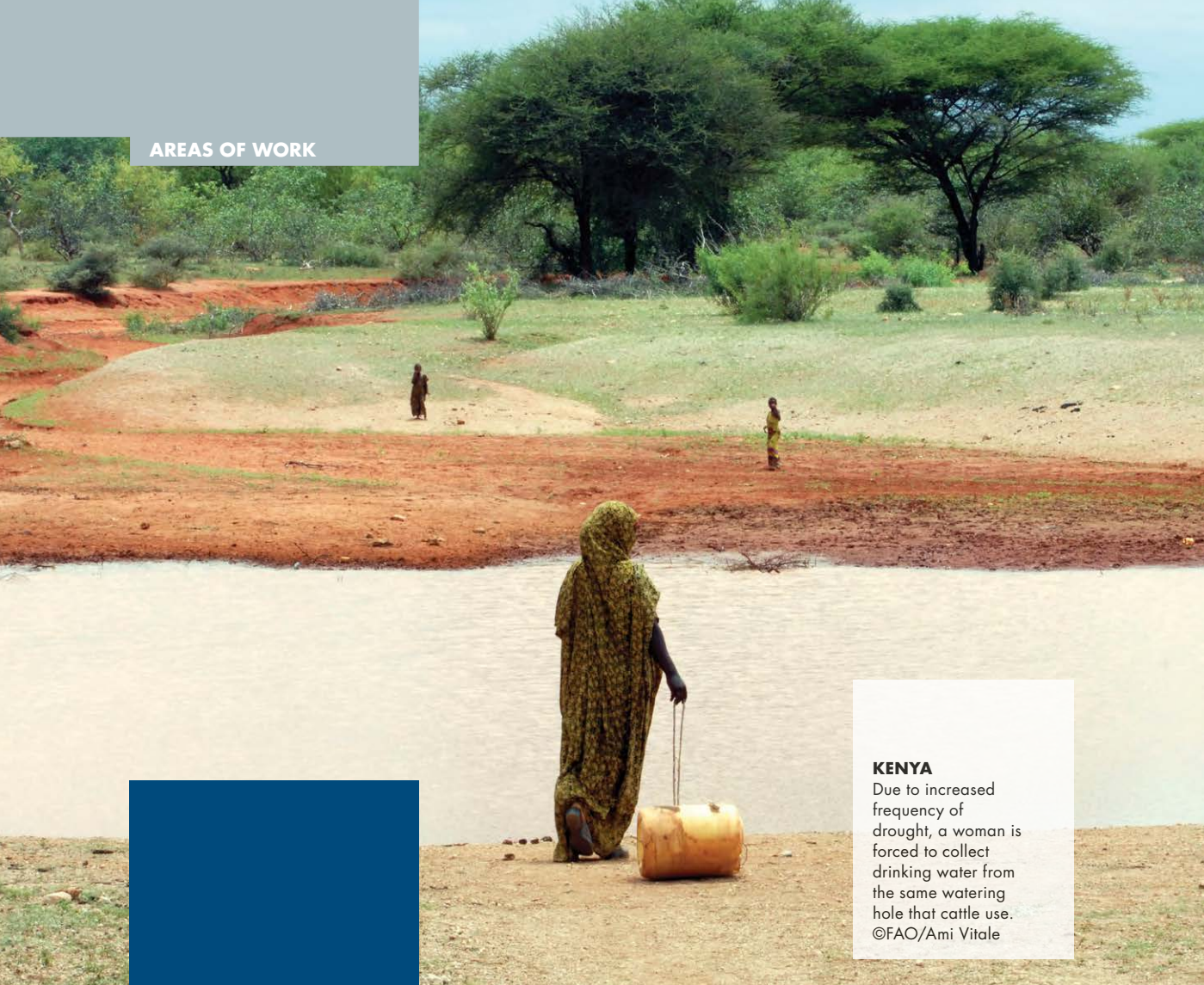
This study identifies low-cost strategies (e.g. strategic feeding and supplementation with fodder trees) to reduce enteric methane emissions from milk production, while contributing to the country's short- to long-term social and economic development.

FAO, New Zealand Agricultural Greenhouse Gas Research Centre, Rome, 2017  
ISBN 978-92-5-109881-3  
40 pp., 210 x 297 mm  
Available online only  
Available in: English



### LOW-EMISSIONS DEVELOPMENT OF THE BEEF CATTLE SECTOR IN ARGENTINA

FAO, New Zealand Agricultural Greenhouse Gas Research Centre, Rome, 2017  
ISBN 978-92-5-109880-6  
34 pp., 210 x 297 mm  
Available online only  
Available in: English



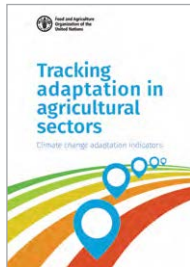
**KENYA**  
Due to increased frequency of drought, a woman is forced to collect drinking water from the same watering hole that cattle use.  
©FAO/Ami Vitale

## CLIMATE CHANGE

World hunger has increased for the third year in a row – with an estimated 821 million people who faced chronic food deprivation in 2017, as compared to around 804 million in 2016. Climate variability and extremes are key drivers behind this rise, and strategies to mitigate and adapt to climate change are therefore important to reverse the negative trend.

Several recent publications explore the potential, as well as the limitations, of **climate-smart agriculture**, both as a general concept and as practised in specific national contexts (p. 57). Others focus on **understanding emissions** from agricultural activity and the establishment of forest reference levels (pp. 58–59). Many provide specific **guidance for countries** in preparing their national adaptation plans, their intended nationally determined contributions and other climate-related commitments.

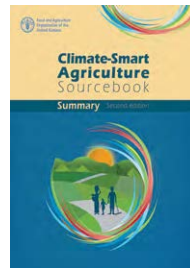
A number of new titles will also be released later this year in conjunction with the 24th Conference of the Parties to the United Nations Framework Convention on Climate Change (COP24) to be held in Katowice, Poland in December. ■



## TRACKING ADAPTATION IN AGRICULTURAL SECTORS

Launched on the occasion of COP23, this paper outlines a framework and proposes comprehensive indicators for Tracking Adaptation in Agricultural Sectors (TAAS) at national level, taking into account linkages between different agricultural sectors and local systems.

Rome, 2017  
ISBN 978-92-5-130020-6  
84 pp., 176 x 250 mm  
USD 56.00, Paperback  
Available in: English

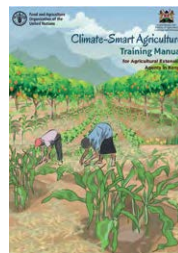


## CLIMATE-SMART AGRICULTURE SOURCEBOOK

SECOND EDITION  
EXECUTIVE SUMMARY

This web-based sourcebook, launched on the occasion of COP23, examines the concept of climate-smart agriculture and demonstrates its potential and limitations. It will help decision-makers understand the options available for making agricultural landscapes and food systems more climate-smart and deal with the impact of climate change.

Rome, 2017  
56 pp., 176 x 250 mm  
Price available upon request, Paperback  
Available in: English, French, Spanish



## CLIMATE-SMART AGRICULTURE TRAINING MANUAL FOR AGRICULTURAL EXTENSION AGENTS IN KENYA

This manual presents a list of climate-smart agriculture practices, including conservation agriculture and water harvesting, that can improve resilience and adaptation to climate change.

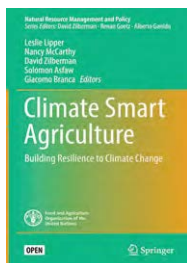
FAO, Ministry of Agriculture  
Livestock and Fisheries of Kenya, Kenya, 2018  
ISBN 978-92-5-130780-9; 108 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

## CLIMATE SMART AGRICULTURE

BUILDING RESILIENCE TO CLIMATE CHANGE

This new Open Access book on climate-smart agriculture (CSA), co-published with Springer, shares tested good practices and innovative approaches for promoting CSA systems in support of food security at country level. Its in-depth analysis complements the more hands-on Climate-Smart Agriculture Sourcebook.

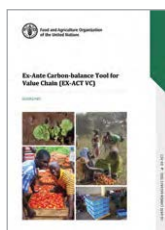
FAO, Springer, Rome, 2017  
ISBN 978-92-5-109966-7  
628 pp., 210 x 297 mm  
Open Access, Paperback  
Available in: English





**EX-ANTE CARBON-BALANCE TOOL FOR COASTAL WETLANDS, FISHERIES AND AQUACULTURE MANAGEMENT GUIDELINES**

Rome, 2017  
 ISBN 978-92-5-130115-9  
 28 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



**EX-ANTE CARBON-BALANCE TOOL FOR VALUE CHAIN (EX-ACT VC)**

Rome, 2017  
 ISBN 978-92-5-109946-9  
 68 pp., 210 x 297 mm  
 Price available upon request, Paperback, Available in: English

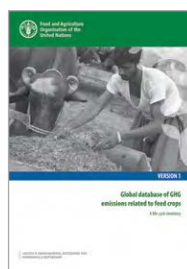


**EX-ANTE CARBON-BALANCE TOOL (EX-ACT) QUICK GUIDANCE**

Rome, 2017,  
 ISBN 978-92-5-130008-4  
 32 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English

**MEASUREMENT, REPORTING AND VERIFICATION GUIDELINES FOR MITIGATING ACTION IN THE AGRICULTURE SECTORS**

FORTHCOMING

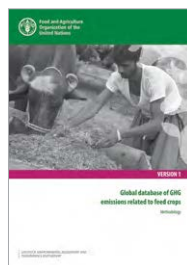


**GLOBAL DATABASE OF GHG EMISSIONS RELATED TO FEED CROPS**

A LIFE CYCLE INVENTORY

This paper describes the development of a life cycle inventory and emission intensity database with the aim of establishing a global database of greenhouse gas emissions and emission intensities for major feed crops, disaggregated by crop and production practices.

Rome, 2017  
 ISBN 978-92-5-130078-7  
 92 pp., 210 x 297 mm  
 Price available upon request, Paperback



**GLOBAL DATABASE OF GHG EMISSIONS RELATED TO FEED CROPS**

METHODOLOGY

In addition to presenting the methodology for developing a global database of greenhouse gas emissions, this paper discusses the results of an analysis of greenhouse gas emissions, calculated using the Global Livestock Environmental Assessment Model.

Rome, 2017  
 28 pp.  
 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English

**KORONIVIA JOINT WORK ON AGRICULTURE AND THE CONVENTION BODIES**

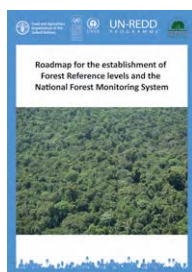
FORTHCOMING



## ADDRESSING AGRICULTURE, FORESTRY AND FISHERIES IN NATIONAL ADAPTATION PLANS

Rome, 2017  
ISBN 978-92-5-109755-7  
116 pp., 210 x 297 mm  
USD 45.00, Paperback  
Available in: English,  
French, Spanish

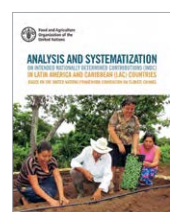
An overview of how climate change impacts agricultural sectors, this publication guides governments through agricultural adaptation planning, including enhanced water conservation measures, improved pest management, and regular monitoring.



## ROADMAP FOR THE ESTABLISHMENT OF FOREST REFERENCE LEVELS AND THE NATIONAL FOREST MONITORING SYSTEM

FAO, Kenya Forest Service Nairobi, 2017  
ISBN 978-92-5-109369-6, 80 pp., 210 x 297 mm  
Price available upon request, Paperback, Available in: English

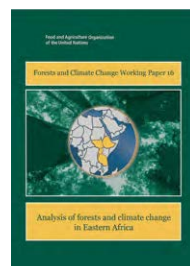
The REDD+ implementation process seen through the lens of the Government of Kenya's efforts to establish a national programme.



## ANALYSIS AND SYSTEMATIZATION ON INTENDED NATIONALLY DETERMINED CONTRIBUTIONS (INDC) IN LATIN AMERICA AND CARIBBEAN (LAC) COUNTRIES

BASED ON THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

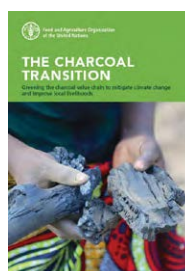
Santiago, 2018  
ISBN 978-92-5-130541-6; 56 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## ANALYSIS OF FORESTS AND CLIMATE CHANGE IN EASTERN AFRICA

This publication reviews climate change impacts in Eastern Africa, suggesting mitigation and adaptation options (e.g. woodfuel and biofuel production).

Rome, 2017  
ISBN 978-92-5-109910-0  
Price available upon request, Paperback  
96 pp., 210 x 297 mm  
Available in: English



## THE CHARCOAL TRANSITION

GREENING THE CHARCOAL VALUE CHAIN TO MITIGATE CLIMATE CHANGE AND IMPROVE LOCAL LIVELIHOODS

Rome, 2017  
ISBN 978-92-5-109680-2  
192 pp., 210 x 297 mm  
USD 45.00, Paperback  
Available in: English  
Executive summary available in: Arabic,  
Chinese, English, French, Russian, Spanish



**KENYA**

Joel Koigu drives a tractor before starting a demo near Nyahururu, Laikipia County. ©FAO/Luis Tato

**ECONOMIC AND SOCIAL DEVELOPMENT**

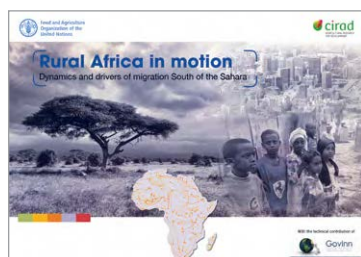
Achieving food security for all requires giving vulnerable communities access to adequate economic opportunities and social protection. FAO supports countries with relevant research and evidence-based analysis to inform decision-making and help governments mainstream food security into agricultural policy. Emphasis is given to **social protection** systems that diversify

rural employment opportunities, improve rural people’s access to land and resources, and reduce social inequalities and the gender gap.

**Migration** is a key focus and was the theme of World Food Day 2017. Recent titles (pp. 61–62) provide an overview of the drivers of migration, assess impacts, and propose rural development strategies to provide alternatives.

**Decent rural employment** is one aspect of this, with an emphasis on **youth** – a particularly vulnerable group.

Several new titles on **gender** (pp. 72–73) look at areas ranging from the mainstreaming of gender in the use of information and communication technologies to women’s rights to land. Preparing for **crises and shocks** is also crucial to protecting vulnerable communities, which is why FAO issues early warning reports on the food security situation of countries in emergencies (pp. 67–69), as well as guidance for coping with threats and crises, including through crop diversification, access to credit, and education. ■



FAO, CIRAD, Rome, 2017  
 ISBN 978-92-5-109974-2  
 60 pp., 210 x 297 mm  
 Price available upon request,  
 Paperback  
 Available in: English, French

## RURAL AFRICA IN MOTION

DYNAMICS AND DRIVERS OF MIGRATION  
 SOUTH OF THE SAHARA

Through a series of maps and case studies, this atlas provides a global picture of migration drivers and dynamics. It calls for inclusive growth strategies to create rural–urban linkages, foster income-generating opportunities and increase the resilience of rural livelihoods.



## THE LINKAGES BETWEEN MIGRATION, AGRICULTURE, FOOD SECURITY AND RURAL DEVELOPMENT

This report assesses the impact of migration on countries of origin and destination, focusing on rural areas and the agricultural sector. It discusses how agricultural and social policies can address challenges and capitalize on opportunities created by migration trends.

FAO, IFAD, IOM, WFP, Rome, 2018  
 ISBN 978-92-5-130832-5  
 80 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



## PROMOTING ALTERNATIVES TO MIGRATION FOR RURAL YOUTH IN TUNISIA AND ETHIOPIA

Through the testimonies of young beneficiaries, this publication describes the impact of Rural Youth Mobility Project (RYM) in Tunisia and Ethiopia, whose aim is to promote innovative pathways for youth employment and entrepreneurship in rural areas.

Rome, 2018  
 28 pp., 200 x 250 mm  
 Price available upon request,  
 Paperback  
 Available in: English

## RURAL YOUTH MOBILITY PROJECT TRAINING MANUAL

**FORTHCOMING**

## SERIES OF BRIEFS ON MIGRATION IN SENEGAL

**FORTHCOMING**



**RURAL MIGRATION IN TUNISIA**

DRIVERS AND PATTERNS OF RURAL YOUTH MIGRATION AND ITS IMPACT ON FOOD SECURITY AND RURAL LIVELIHOODS IN TUNISIA

This report on rural youth migration calls for a strong political engagement from both the Tunisian state and international agencies to revive rural economies and reverse trends such as low farming productivity and inadequate access to technology and resources.

Rome, 2018  
ISBN 978-92-5-130510-2; 72 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

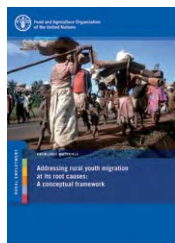


**WATER STRESS AND HUMAN MIGRATION**

A GLOBAL, GEOREFERENCED REVIEW OF EMPIRICAL RESEARCH

Water stress undermines societies' place-specific livelihood systems and strategies. This review looks at the impact of increasing levels of water stress on human migration.

Rome, 2018  
ISBN 978-92-5-130426-6  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



**ADDRESSING RURAL YOUTH MIGRATION AT ITS ROOT CAUSES**  
A CONCEPTUAL FRAMEWORK

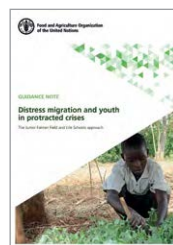
Rome, 2016  
ISBN 978-92-5-109270-5  
72 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



**FORCED MIGRATION AND PROTRACTED CRISES**

A MULTILAYERED APPROACH

Rome, 2017  
32 pp., 210 x 297 mm  
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Available in: English



**DISTRESS MIGRATION AND YOUTH IN PROTRACTED CRISES**

GUIDANCE NOTE

Rome, 2016  
28 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

**STRENGTHENING SECTOR POLICIES FOR BETTER FOOD SECURITY AND NUTRITION RESULTS: RURAL MIGRATION**

**SEE PAGE 75**

## FAO AGRICULTURAL DEVELOPMENT ECONOMICS WORKING PAPERS SERIES



### IMPACTS OF MODIFYING MALAWI'S FARM INPUT SUBSIDY PROGRAMME TARGETING

Policy-makers have proposed to direct agricultural subsidies towards more efficient and productive farmers. This paper evaluates the impact this would have on the existing programme design and on the conditions of poor households.

Rome, 2017  
ISBN 978-92-5-109908-7  
46 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

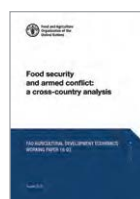


### INSTITUTIONS, ECONOMIC FREEDOM AND STRUCTURAL TRANSFORMATION IN 11 SUB-SAHARAN AFRICAN COUNTRIES

This paper explores the relationship between institutions and structural transformation in sub-Saharan Africa, noting that better institutions lead to greater economic freedom and exchange across borders.

Rome, 2018  
ISBN 978-92-5-130155-5  
44 pp., 210 x 297 mm  
Price available upon  
request, Paperback  
Available in: English

The series presents ongoing research on food security and nutrition global trends and governance.



### FOOD SECURITY AND ARMED CONFLICT A CROSS-COUNTRY ANALYSIS

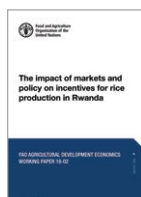
This report sheds light on the negative correlation between conflict and food security, illustrating how certain types of conflict – such as civil wars and violent armed conflict – could potentially undo years of progress.

Rome, 2018  
ISBN 978-92-5-130848-6  
32 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### THE RELATIONSHIPS BETWEEN FOOD SECURITY AND VIOLENT CONFLICTS THE CASE OF EL SALVADOR

Rome, 2017  
ISBN: 978-92-5-109963-6  
28 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

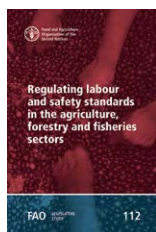


### THE IMPACT OF MARKETS AND POLICY ON INCENTIVES FOR RICE PRODUCTION IN RWANDA

Rome, 2018  
ISBN 978-92-5-130384-9  
36 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

This study presents an overview of the 12-year civil conflict in the country. It analyses how conflict affected food security in both war and post-war periods, and presents policy recommendations to improve it through greater access to land or monitoring of displaced people.

**FAO  
LEGISLATIVE STUDIES  
SERIES**



**REGULATING LABOUR  
AND SAFETY STANDARDS  
IN THE AGRICULTURE,  
FORESTRY AND FISHERIES  
SECTORS**

Rome, 2018  
ISBN 978-92-5-130675-8  
144 pp., 150 x 230 mm  
Price available upon request, Paperback  
Available in: English



**ENABLING REGULATORY  
FRAMEWORKS FOR  
CONTRACT FARMING**

Rome, 2018  
ISBN 978-92-5-130335-1  
140pp., 150 x 230 mm  
Price available upon request, Paperback  
Available in: English

**AGRICULTURAL DEVELOPMENT  
ECONOMICS TECHNICAL STUDY  
SERIES**

These technical papers address policy-oriented assessments of the economic and social aspects of food security and nutrition, sustainable agriculture and rural development.



**SOWING THE SEEDS OF PEACE  
FOR FOOD SECURITY**

Rome, 2017  
ISBN 978-92-5-109933-9; 116 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

This study looks at the causal relationship by which conflict triggers food crises and food insecurity (e.g. by disrupting distribution networks), which in turn perpetuate violence. It proposes intervention mechanisms, including regular cash transfers, for improving food security and sustaining peace.



**AGRICULTURAL POLICY INCENTIVES IN  
SUB-SAHARAN AFRICA  
IN THE LAST DECADE (2005-2016)**

Rome, 2018  
ISBN 978-92-5-130465-5; 96 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

This paper points out that, despite increasing support to producers over time, a lack of solid market information systems persists as a constraint on policy formulation. It calls for country-based market information systems to help plan timely and sustainable policy interventions.

## FROM PROTECTION TO PRODUCTION SERIES



### THE HOUSEHOLD AND INDIVIDUAL- LEVEL ECONOMIC IMPACTS OF CASH TRANSFER PROGRAMMES IN SUB-SAHARAN AFRICA

SYNTHESIS REPORT

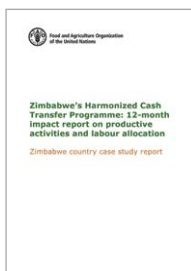
Using qualitative research and econometric analysis, this report analyses how unconditional cash transfer programmes impact crop production, agricultural inputs, labour allocation, risk management and social networks in seven sub-Saharan countries.

Rome, 2017  
ISBN 978-92-5-109635-2  
64 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

### CROP RECEIPTS

A NEW FINANCING INSTRUMENT FOR AFRICA

**FORTHCOMING**

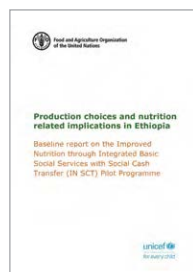


### ZIMBABWE'S HARMONIZED CASH TRANSFER PROGRAMME

12-MONTH IMPACT  
REPORT ON PRODUCTIVE  
ACTIVITIES AND LABOUR  
ALLOCATION

This paper reports on Zimbabwe's cash transfer programme. While the programme has led to diversification in crop production and pesticide use reduction, market participation from crop production remains low.

Rome, 2018  
ISBN 978-92-5-130453-2  
60 pp., 210 x 297 mm  
Price available upon  
request, Paperback  
Available in: English



### PRODUCTION CHOICES AND NUTRITION-RELATED IMPLICATIONS IN ETHIOPIA

This study reports on an Ethiopian cash transfer programme, arguing that vulnerable households have low levels of endowments, limited access to credit or markets, limited crop diversification, low productivity and involvement in non-farm activities.

Rome, 2017, ISBN 978-92-5-130398-6  
68 pp., 210 x 297 mm, Price available upon request,  
Paperback, Available in: English

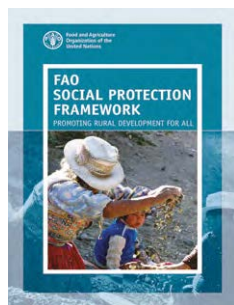


### QUALITATIVE RESEARCH ON THE IMPACTS OF SOCIAL PROTECTION ON RURAL WOMEN'S ECONOMIC EMPOWERMENT

THE MALAWI SOCIAL CASH  
TRANSFER PROGRAMME,  
COUNTRY CASE STUDY REPORT

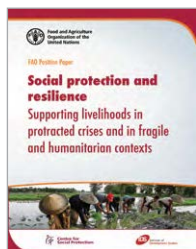
An analysis of the impacts of Malawi's Social Cash Transfer Programme, notably regarding economic advancement. The programme led to income-generating opportunities but women's bargaining power remained limited.

Rome, 2017, ISBN 978-92-5-109780-9  
116 pp., 210 x 297 mm, Price available upon request,  
Paperback, Available in: English



**FAO SOCIAL PROTECTION  
FRAMEWORK**

Rome, 2017  
ISBN 978-92-5-109703-8  
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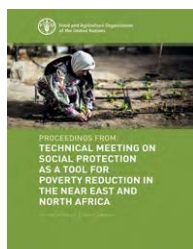


**SOCIAL PROTECTION  
FOR RESILIENCE  
BUILDING**

SUPPORTING LIVELIHOODS  
IN PROTRACTED CRISES,  
FRAGILE AND HUMANITARIAN  
CONTEXTS

This paper discusses key challenges to enhancing the ability of existing social protection programmes to effectively manage a crisis. Challenges include system capacity neutrality and impartiality in conflict contexts, as well as sustainable financing.

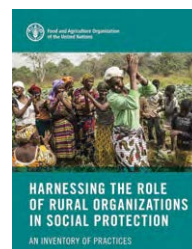
Rome, 2017  
ISBN 978-92-5-109852-3  
56 pp., 210 x 297 mm  
USD 35.00, Paperback  
Available in: English



**TECHNICAL  
MEETING  
ON SOCIAL  
PROTECTION AS A  
TOOL FOR POVERTY  
REDUCTION IN THE  
NEAR EAST AND  
NORTH AFRICA**

This publication promotes linkages between rural development and social protection in order to reduce hunger and poverty through policies that increase and diversify consumption, and improve the health status of women and children.

Rome, 2017  
ISBN 978-92-5-109871-4  
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Available in: English



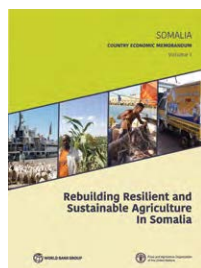
**HARNESSING THE  
ROLE OF RURAL  
ORGANIZATIONS  
IN SOCIAL  
PROTECTION**

AN INVENTORY OF  
PRACTICES

Although social protection is increasingly recognized as a poverty reduction strategy, challenges prevent governments from moving towards universal social protection coverage. This report shows how rural organizations can fill this gap and deliver basic health and education.

Rome, 2017  
ISBN 978-92-5-109971-1  
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## RESILIENCE ANALYSIS AND POLICY SERIES

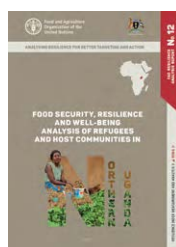


### REBUILDING RESILIENT AND SUSTAINABLE AGRICULTURE IN SOMALIA

FULL REPORT

This report documents the pressures on Somalia's livestock and crop subsectors over the years but notes that there is cause for optimism thanks to the country's resilience and resources. These include a variety of agroecological zones and vast tracts of arable land and areas suitable for livestock production, which in turn can support markets, export trade and overall growth.

FAO, World Bank,  
Rome, 2018  
ISBN 978-92-5-130419-8  
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request, Paperback  
Available in: English



### FOOD SECURITY, RESILIENCE AND WELL-BEING ANALYSIS OF REFUGEES AND HOST COMMUNITIES IN NORTH UGANDA

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### RESILIENCE ANALYSIS OF JORDAN

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The series provides programming and policy guidance to improve the resilience of households in food-insecure countries.



### RESILIENCE ANALYSIS IN ISOLO, MARSABIT AND MERU, KENYA

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### RESILIENCE ANALYSIS OF KARAMOJA - UGANDA

This analysis of the UNICEF–FAO–WFP resilience strategy for the Karamoja region, Uganda, highlights the need to diversify crop production and income sources, build households' assets and ensure access to credit and services.

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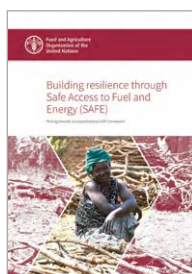


### **HORN OF AFRICA IMPACT OF EARLY WARNING EARLY ACTION**

This study analyses the outcomes of early actions implemented in Kenya, Somalia and Ethiopia in 2017, evaluating how effective they were in mitigating the impact of severe drought on vulnerable pastoralist livelihoods.

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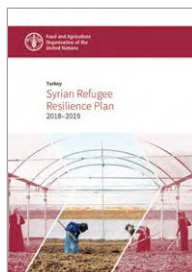
## **ECONOMIC AND SOCIAL DEVELOPMENT**



### **BUILDING RESILIENCE THROUGH SAFE ACCESS TO FUEL AND ENERGY (SAFE)**

This paper shows how SAFE contributes to sustainable livelihoods and how it can have important multiplier effects, including improved food security and reduced malnutrition.

Rome, 2018  
ISBN 978-92-5-130678-9; 60 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



### **TURKEY – SYRIAN REFUGEE RESILIENCE PLAN 2018–2019**

This plan aims to enhance the resilience of 45 000 Syrian refugee and host community households in rural areas. The project covers the 11 provinces in Turkey that have the highest concentration of Syrian refugees.

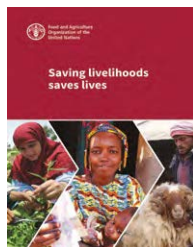
Rome, 2018; 32 pp., 210 x 297 mm  
Price available upon request, Paperback; Available in: English



### **YEMEN EMERGENCY LIVELIHOODS RESPONSE PLAN 2018**

This plan aims to improve food security and nutrition, alleviate rural poverty, and enhance Yemen's capacity to manage and respond to risks and threats in the agriculture sector through a resilience-based approach.

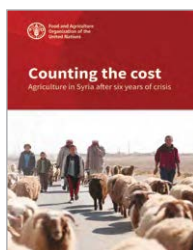
Rome, 2018  
40 pp., 210 x 297 mm  
Price available upon request, Paperback  
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## SAVING LIVELIHOODS SAVES LIVES

A summary of the achievements of FAO's resilience and emergency programmes in 2017, covering over 50 countries. While 59 percent of resources went to preventing famine in Nigeria, Somalia, South Sudan and Yemen, FAO also responded to other major protracted crises.

Rome, 2018  
 ISBN 978-92-5-130238-5  
 80 pp., 210 x 297 mm  
 Price available upon request, Paperback  
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## COUNTING THE COST

AGRICULTURE IN SYRIA AFTER SIX YEARS OF CRISIS

A summary of FAO's unprecedented nationwide assessment on the cost of war to Syria's agriculture sector, launched during the Brussels Conference on Supporting the Future of Syria and the Region.

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## THE IMPACT OF DISASTERS AND CRISES ON AGRICULTURE AND FOOD SECURITY 2017

This report calls for a more holistic and effective disaster-resilience framework for agriculture to ensure sustainable development, peace and adaptation to climate change.

Rome, 2018  
 ISBN 978-92-5-130359-7  
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## GLOBAL EWEA REPORT SERIES

The quarterly Global Early Warning – Early Action Report on Food Security and Agriculture monitors situations at risk for potential disasters and adverse impacts on food security and agriculture.



### APRIL-JUNE 2018

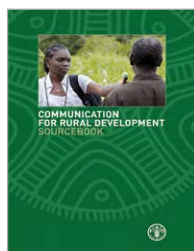
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 Available in: English



### JULY-SEPTEMBER 2018

Rome, 2018  
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 Price available upon request, Paperback  
 Available in: English

## ECONOMIC AND SOCIAL DEVELOPMENT



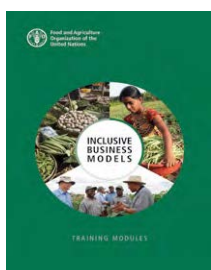
### COMMUNICATION FOR RURAL DEVELOPMENT SOURCEBOOK

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 336 pp., 210 x 297 mm  
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### SUCCESS STORIES ON INFORMATION AND COMMUNICATION TECHNOLOGIES FOR AGRICULTURE AND RURAL DEVELOPMENT SECOND EDITION

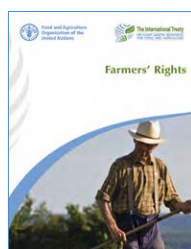
Bangkok, 2017  
 ISBN 978-92-5-108774-9  
 106 pp., 180 x 260 mm  
 Available in: English



### INCLUSIVE BUSINESS MODELS

A training package including a facilitator's manual and series of PowerPoint presentations, developed to support design and implementation of smallholder-based market-linkage initiatives using the Inclusive Business Models (IBM) approach.

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 Available in: English



### FARMERS' RIGHTS

This paper aims to strengthen stakeholders' capacities for and awareness of the implementation of Farmers' Rights as reflected in Article 9 of the International Treaty on Plant Genetic Resources for Food and Agriculture.

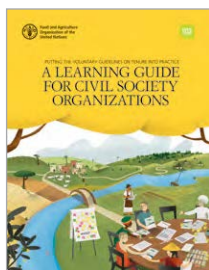
Rome, 2017  
 ISBN 978-92-5-109932-2; 116 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



### INNOVATION FOR SUSTAINABLE RURAL DEVELOPMENT

A look at how to promote innovation for sustainable rural development through public policy, financial inclusion, and research and technology, covering perspectives ranging from small-scale agriculture to social market construction and government institutions.

CELAC, FAO, Santiago, 2017  
 96 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English, Spanish



## PUTTING THE VOLUNTARY GUIDELINES ON TENURE INTO PRACTICE

A LEARNING GUIDE  
FOR CIVIL SOCIETY  
ORGANIZATIONS

A guide for civil society and grassroots organizations to improve governance of tenure. Its objectives include understanding the background of the Voluntary Guidelines, identifying key actors, assessing the local tenure situation, and preparing an agenda for action.

FAO, FIAN International, Rome, 2017  
ISBN 978-92-5-109912-4  
104 pp., 210 x 297 mm  
USD 42.00, Paperback  
Available in: English, French, Spanish



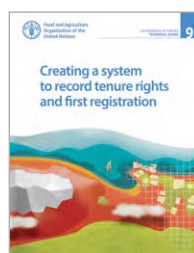
## COMMUNITY RECORDING OF TENURE RELATIONSHIPS USING OPEN TENURE

This manual provides community leaders with guidance on the processes behind the Open Tenure software. It explains how the software should be configured for community use and gives guidance on designing community protocols to record tenure relationships.

Rome, 2017  
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## GOVERNANCE OF TENURE TECHNICAL GUIDES SERIES

The Governance of Tenure Technical Guides are part of FAO's initiative to improve tenure governance and assist countries in applying the Voluntary Guidelines.



## CREATING A SYSTEM TO RECORD TENURE RIGHTS AND FIRST REGISTRATION

Rome, 2017  
ISBN 978-92-5-109834-9  
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## IMPROVING WAYS TO RECORD TENURE RIGHTS

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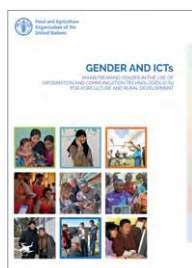


## VALUING LAND TENURE RIGHTS

Rome, 2017  
ISBN 978-92-5-130069-5  
112 pp., 210 x 270 mm  
USD 48.00, Paperback  
Also available in e-book format  
Available in: English

A guide to the identification and valuation of land tenure rights as well as how to ensure fair and transparent valuations according to international norms, this paper proposes a holistic approach that takes socio-cultural and environmental values into account.

## ECONOMIC AND SOCIAL DEVELOPMENT

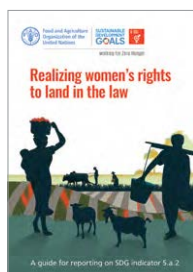


### GENDER AND ICTs

MAINSTREAMING GENDER IN THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTS) FOR AGRICULTURE AND RURAL DEVELOPMENT

Rural women face a triple divide: digital, rural and gender. This publication examines the challenges rural communities have to overcome to take full and equal advantage of information and communication technologies.

Rome, 2018  
ISBN 978-92-5-130367-2  
88 pp., 210 x 297 mm  
USD 59.00, Paperback  
Available in: English

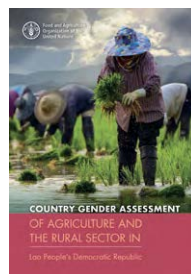


### REALIZING WOMEN'S RIGHTS TO LAND IN THE LAW

A GUIDE FOR REPORTING ON SDG INDICATOR 5.A.2

This paper guides countries on how to report and measure progress on indicator 5.a.2, including collecting relevant information on the legal and policy framework, conducting the assessment for each of the proxies, and reporting under the indicator.

Rome, 2018  
ISBN 978-92-5-130401-3  
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### COUNTRY GENDER ASSESSMENT ON AGRICULTURE AND THE RURAL SECTOR

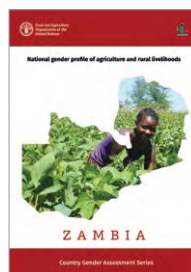
LAO PEOPLE'S DEMOCRATIC REPUBLIC

Vientiane, 2018  
ISBN 978-92-5-130734-2  
88 pp., 210 x 297 mm  
Price available upon request,  
Paperback; Available in: English

According to this report, women's involvement in agriculture is undervalued and women have limited access to information. It calls for the creation of women's farmer groups to exchange skills and information, as well as technical training for women.

### NATIONAL GENDER PROFILE OF AGRICULTURE AND RURAL LIVELIHOODS

ZAMBIA



According to this report, despite progress in mainstreaming gender equality in agriculture, there is a need for more systematic gender-responsive planning, strengthened institutional capacity, and appropriate monitoring and evaluation.

Lusaka, 2018  
ISBN 978-92-5-130236-1  
72 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

### WOMEN'S PARTICIPATION AND LEADERSHIP IN FISHERFOLK ORGANIZATIONS AND COLLECTIVE ACTION IN FISHERIES

SEE PAGE 78

### TOWARDS GENDER-EQUITABLE SMALL-SCALE FISHERIES GOVERNANCE AND DEVELOPMENT

SEE PAGE 87

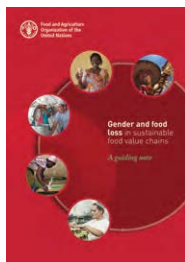


**HOW CAN WE PROTECT MEN, WOMEN AND CHILDREN FROM GENDER-BASED VIOLENCE?**

ADDRESSING GBV IN THE FOOD SECURITY AND AGRICULTURE SECTOR

This guide points out the links between gender-based violence, poverty and food security. It identifies best practices, such as the Dimitra Clubs in several African countries, and provides guidance on designing gender-sensitive food security and nutrition programmes.

Rome, 2018  
 ISBN 978-92-5-109964-3  
 80 pp., 210 x 297 mm  
 Price available upon request, Paperback  
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**GENDER AND FOOD LOSS IN SUSTAINABLE FOOD VALUE CHAINS**

A GUIDING NOTE

Rome, 2018  
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 56 pp., 210 x 297 mm  
 USD 25.00, Paperback  
 Available in: English



**DEVELOPING GENDER-SENSITIVE VALUE CHAINS**

GUIDELINES FOR PRACTITIONERS

Rome, 2018  
 ISBN 978-92-5-130516-4  
 114 pp., 176 x 250 mm  
 USD 35.00, Paperback  
 Available in: English

These guidelines will assist practitioners in mainstreaming gender in agri-food value chain development. They call for capacity building and enhanced access to knowledge for women, as well as financial services to tackle gender-based constraints.



**WHAT GENDER MAINSTREAMING IN AGRICULTURE MEANS IN PRACTICE**

CASES FROM SELECTED COUNTRIES OF THE EUROPEAN UNION

Budapest, 2018  
 ISBN 978-92-5-130462-4  
 112 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English

This review of five European Union case studies illustrates how gender issues can be addressed in agriculture and rural development through internal capacity development, gender impact assessments and gender-responsive budgeting, for example.

**STRENGTHENING SECTOR POLICIES FOR BETTER FOOD SECURITY AND NUTRITION RESULTS – GENDER EQUALITY**

SEE PAGE 74

**IMPROVING GENDER EQUALITY IN TERRITORIAL ISSUES**

FORTHCOMING

This series ensures that policy-makers have the support they need to understand how sectoral issues affect food security and nutrition, and to recognise how to incorporate these considerations into their policies.

## **STRENGTHENING SECTOR POLICIES FOR BETTER FOOD SECURITY AND NUTRITION RESULTS**

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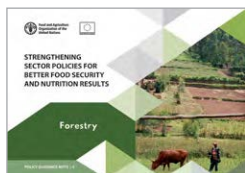
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## NOTE 8 – POLITICAL ECONOMY ANALYSIS

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## NOTE 9 – TRADE

32 pp.

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## NOTE 10 – RURAL MIGRATION

44 pp.

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## PARLIAMENTARY FRONTS AGAINST HUNGER AND LEGISLATIVE INITIATIVES FOR THE RIGHT TO ADEQUATE FOOD AND NUTRITION

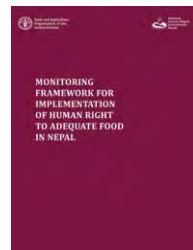
The study provides background on the establishment of the Parliamentary Fronts against Hunger, and summarizes the legislative fields in which the fronts have been working, including constitutional amendments to recognize the right to adequate food, school feeding and healthy food, and family farming.

Rome, 2017

72 pp., 210 x 297 mm

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## MONITORING FRAMEWORK FOR IMPLEMENTATION OF THE HUMAN RIGHT TO ADEQUATE FOOD IN NEPAL

Rome, 2017

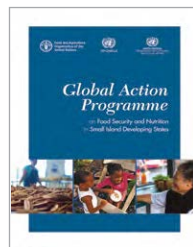
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76 pp., 210 x 297 mm

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## GLOBAL ACTION PROGRAMME ON FOOD SECURITY AND NUTRITION IN SMALL ISLAND DEVELOPING STATES

Rome, 2017

72 pp., 210 x 297 mm

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**BANGLADESH**

A fisherman fishes in the river Tista.

©FAO/Mohammad Rakibul Hasan

## FISHERIES AND AQUACULTURE

Fisheries and aquaculture provide food and income to around 820 million people in the world and are central to FAO's mission of eradicating hunger by 2030. FAO's fisheries publications are considered the global reference in their field.

**Climate change** is a major concern, as FAO's latest studies show that climate variability will lead to significant changes in

the availability and trade of fish products (p. 77).

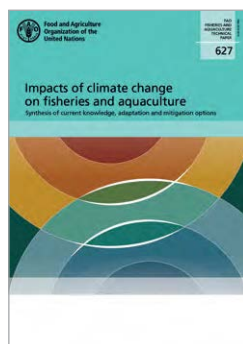
Given that **small-scale fisheries** (SSF) provide two thirds of catches destined for human consumption and account for 90 percent of employment in the sector, FAO pays close attention to SSF as a contributor to poverty alleviation and food security. Recent titles on SSF (pp. 82 and 87) provide good practices and guidance to ensure that small-scale fisheries are sustainable and benefit fishers and their communities.

However, the sustainability of fisheries is threatened by **illegal,**

**unreported and unregulated fishing** (IUU), a key discussion

area at the Committee on Fisheries meeting held at FAO headquarters in July 2018.

Several publications and guidelines were therefore specifically developed to support implementation of the **Port State Measures Agreement**, which entered into force in June 2016 and is an important tool to curb IUU fishing (pp. 79, 85–86 and 88). ■



Rome, 2018  
 ISBN 978-92-5-130607-9  
 652 pp., 210 x 297 mm  
 Price available upon request,  
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## IMPACTS OF CLIMATE CHANGE ON FISHERIES AND AQUACULTURE

SYNTHESIS OF CURRENT KNOWLEDGE, ADAPTATION AND MITIGATION OPTIONS

This report indicates that climate change will significantly affect the availability and trade of fish products, especially for those countries most dependent on the sector, and calls for effective adaptation and mitigation actions encompassing food production.



## IMPACTS OF CLIMATE CHANGE ON FISHERIES AND AQUACULTURE

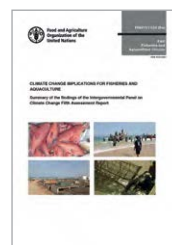
SUMMARY VERSION

Rome, 2018  
 44 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English

### THE STATE OF MEDITERRANEAN AND BLACK SEA FISHERIES 2018

The report sheds light on various aspects of fisheries, including the extent and composition of the fishing fleet, the production and socioeconomic characteristics of fisheries, and the status of stocks.

FORTHCOMING



## CLIMATE CHANGE IMPLICATIONS FOR FISHERIES AND AQUACULTURE

SUMMARY OF THE FINDINGS OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE FIFTH ASSESSMENT REPORT

Rome, 2016  
 ISBN 978-92-5-109260-6; 64 pp.,  
 210 x 297 mm  
 Price available on request, Paperback  
 Available in: English

## EX-ANTE CARBON-BALANCE TOOL FOR COASTAL WETLANDS, FISHERIES AND AQUACULTURE MANAGEMENT

SEE PAGE 58



**WOMEN'S PARTICIPATION AND LEADERSHIP IN FISHERFOLK ORGANIZATIONS AND COLLECTIVE ACTION IN FISHERIES**

A REVIEW OF EVIDENCE ON ENABLERS, DRIVERS AND BARRIERS

This study identifies the drivers (such as economic change) and enablers (such as state institutions, social movements and civil society organizations) that contribute to women's engagement in collective action in fisheries.

Rome, 2108  
ISBN 978-92-5-130245-3  
60 pp., 210 x 297 mm  
USD 20.00, Paperback  
Available in: English



**A COUNTRY AND REGIONAL PRIORITIZATION FOR SUPPORTING IMPLEMENTATION OF CITES PROVISIONS FOR SHARKS**

This study presents revised criteria to identify candidate countries affected by the CITES listings of endangered sharks and rays in need of capacity support. It calls for direct requests for assistance from countries.

Rome, 2018  
ISBN 978-92-5-109884-4  
200 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

Circulars presenting technical and key scientific or policy-related information.

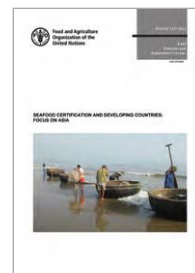


**THE FAO BLUE GROWTH INITIATIVE**

STRATEGY FOR THE DEVELOPMENT OF FISHERIES AND AQUACULTURE IN EASTERN AFRICA

This paper reports on the application of the Blue Growth Initiative in Eastern Africa, stressing the need for building partnerships, fostering sub-regional coordination and communication and adapting the plan to national priorities and opportunities.

Rome, 2018  
ISBN 978-92-5-130261-3  
64 pp., 210 x 297 mm  
USD 20.00, Paperback  
Available in: English



**SEAFOOD CERTIFICATION AND DEVELOPING COUNTRIES**

FOCUS ON ASIA

This literature review on seafood ecolabels in Asia looks into the concerns of producers, exporters and consumers and identifies barriers to implementation. It stresses the need for tailored policies and government-led capacity building initiatives.

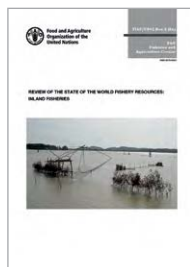
Rome, 2108  
ISBN 978-92-5-109993-3  
44 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## OVERVIEW OF FOOD FRAUD IN THE FISHERIES SECTOR

This publication highlights the need for the fish industry to develop and implement fish fraud vulnerability assessment systems and prioritize control measures, such as DNA barcoding and mandatory labelling requirements.

Rome, 2018  
ISBN 978-92-5-130402-0  
32 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## REVIEW OF THE STATE OF THE WORLD FISHERY RESOURCES INLAND FISHERIES

This review presents the contributions of inland fisheries to food security, including ecosystem services, biodiversity, employment and inclusive growth. It also suggests ways to improve estimates, including household consumption surveys and habitat yield models.

Rome, 2018  
ISBN 978-92-5-130793-9  
396 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## MARKET INTEGRATION BETWEEN WILD AND FARMED FISH IN MEDITERRANEAN COUNTRIES

This paper shows that there is no, or low, fish market integration in the region due to traditional consumption patterns, the use of different market chains and a persistent negative perception of farmed products in the area.

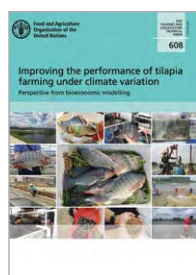
Rome, 2018  
ISBN 978-92-5-130053-4  
112 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## GOOD PRACTICES GUIDELINES (GCP) ON NATIONAL SEAFOOD TRACEABILITY SYSTEMS

This report will guide stakeholders on the application of good traceability practices to ensure products entering the global supply chain do not come from illegal, unreported and unregulated fishing. It will also facilitate capacity building and institutional strengthening.

Rome, 2018  
ISBN 978-92-5-130403-7  
36 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



**IMPROVING THE PERFORMANCE OF TILAPIA FARMING UNDER CLIMATE VARIATION**

PERSPECTIVE FROM BIOECONOMIC MODELLING

The results of a bioeconomic model simulating intensive tilapia pond culture under different conditions. The modelling shows that increases in feed price or mortality significantly reduce profitability.

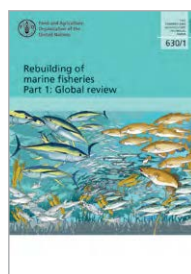
Rome, 2018  
ISBN 978-92-5-130162-3  
76 pp., 210 x 297 mm  
USD 55.00, Paperback  
Available in: English



**FISHERIES OF THE PACIFIC ISLANDS**

This report covers fisheries' status in each of the 14 independent Pacific Islands countries, including production and post-harvest sectors, the socio-economic contribution of the fishery sector, trends, issues and legal frameworks.

Apia, 218  
ISBN 978-92-5-130527-0  
412 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

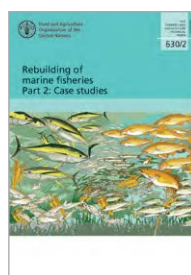


**REBUILDING OF MARINE FISHERIES**

PART 1: GLOBAL REVIEW

Rome, 2018  
ISBN 978-92-5-130739-7  
292 pp., 210 x 297 mm  
USD 150.00, Paperback  
Available in: English

This paper addresses the different dimensions of rebuilding or restoring stocks, including in terms of conflicting objectives, the bio-economy of rebuilding, its costs and benefits, and the distributional effects of fishing reforms among the various actors.



**REBUILDING OF MARINE FISHERIES**

PART 2: CASE STUDIES

This report provides 13 case studies of fisheries rebuilding initiatives, including measures to regulate exploitation patterns for cod and herring in the Northeast Atlantic, and a performance assessment for Eastern Atlantic and Mediterranean Bluefin tuna.

Rome, 2018  
ISBN 978-92-5-130786-1  
232 pp., 210 x 297 mm  
USD 150.00, Paperback  
Available in: English

## GFCM SESSION REPORTS SERIES

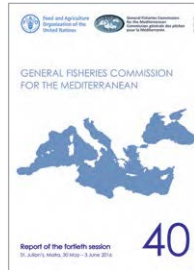
These reports present official records of General Fisheries Commission for the Mediterranean meetings.



### BETTER MANAGEMENT PRACTICES FOR FEED PRODUCTION AND MANAGEMENT OF NILE TILAPIA AND MILKFISH IN THE PHILIPPINES

This study showcases best practices in feed management for key aquaculture species, including local use of the modified semi-intensive system in milkfish ponds, which has proved to be effective, productive and environmentally friendly.

Rome, 2018  
ISBN 978-92-5-130485-3  
96 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

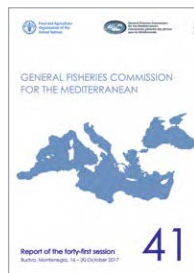


### REPORT OF THE FORTIETH SESSION OF THE GENERAL FISHERIES COMMISSION FOR THE MEDITERRANEAN

ST JULIAN'S, MALTA, 30 MAY–30 JUNE 2016

This yearly report includes all the decisions adopted by the General Fisheries Commission for the Mediterranean (GFCM) and reviews the programme of work and budget agreed for the next intersession.

Rome, 2017  
ISBN 978-92-5-109594-2  
142 pp., 210 x 297 mm  
USD 45.00, Paperback  
Available in: Arabic, English, French



### REPORT OF THE FORTY-FIRST SESSION OF THE GENERAL FISHERIES COMMISSION FOR THE MEDITERRANEAN

The issues discussed during the session included methods for reporting aquaculture data and information and a regional plan of action to combat illegal, unreported and unregulated fishing in the GFCM area of application.

Budva, 2018  
ISBN 978-92-5-130249-1  
176 pp., 210 x 297 mm  
USD 48.00, Paperback  
Available in: English, French

Official records of major conferences or symposiums, usually global or of global significance, including all related presentations and associated material.



### EXPLORING SDG 14.B AND ITS PROPOSED INDICATOR 14.B.1

28–29 NOVEMBER 2017,  
GAETA, ITALY

This workshop explored the indicator methodology, data and information sources, analysis and reporting, including the use of an ad hoc e-learning platform and identified capacity development needs in relation to reporting on SDG 14.b.

Rome, 2018  
ISBN 978-92-5-130728-1  
56 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
available in: English



### GFCM HIGH-LEVEL CONFERENCE TOWARDS ENHANCED COOPERATION ON BLACK SEA FISHERIES AND AQUACULTURE

A DECLARATION TO BOOST  
REGIONAL COOPERATION IN THE  
SECTOR

An overview of the state of marine living resources, including ecological and socio-economic challenges, this report introduces the Bucharest Declaration, a collaborative approach against illegal practices that promotes sustainable aquaculture development.

Rome, 2017  
ISBN 978-92-5-109731-1  
80 pp., 210 x 297 mm  
USD 45.00, Paperback  
Available in: English



### IMPROVING OUR KNOWLEDGE ON SMALL-SCALE FISHERIES

DATA NEEDS AND  
METHODOLOGIES

A workshop held in June 2017 focused on defining the scope and main contents of the study, including type of indicators to be collected and subsector coverage, and methodologies for data collection and analysis.

Rome, 2017  
ISBN 978-92-5-130018-3  
56 pp., 210 x 297 mm  
USD 45.00, Paperback  
Available in: English

## GLOBEFISH HIGHLIGHTS SERIES

This series contains detailed quarterly updates on market trends for a variety of major commodities.



### ISSUE NO. 1

2018

Aquaculture supply grew at a steady rate of about 4.5 percent in 2017, while capture fisheries production remains stable at 90.4 million tonnes.

Rome, 2018  
ISBN 978-92-5-130349-8  
76 pp., 210 x 297 mm; USD 40.00,  
Paperback; Available in: English



### ISSUE NO. 2

2018

Global fish production increased by an estimated 2.3 percent in 2017 and aquaculture harvests grew at a rate of 4–5 percent a year.

Rome, 2018  
ISBN 978-92-5-130657-4  
80 pp., 210 x 297 mm  
USD 40.00, Paperback  
Available in: English



### ISSUE NO. 2

2017

This issue focused on key events and news (production growth, demand patterns, rising prices) affecting tuna, groundfish, small pelagics, shrimp, crustacea and other commodities.

Rome, 2017  
ISBN 978-92-5-109778-6  
80 pp., 210 x 297 mm  
USD 40.00, Paperback  
Available in: English

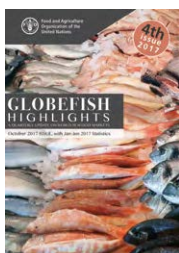


### ISSUE NO. 3

2017

This issue listed higher prices for salmon, shrimp, tuna, and small pelagics. Chile and India were the main seafood exporters for 2017, with respective increases of 30 and 41 percent in export value.

Rome, 2017  
ISBN 978-92-5-109940-7  
76 pp., 210 x 297 mm  
USD 40.00, Paperback  
Available in: English



### ISSUE NO. 4

2017

This report foresaw growth in global fish production, including an ongoing increase in aquaculture production.

Rome, 2017  
ISBN 978-92-5-130047-3  
72 pp., 210 x 297 mm  
USD 40.00, Paperback  
Available in: English



## REPORT OF THE EXPERT MEETING ON CLIMATE CHANGE IMPLICATIONS FOR MEDITERRANEAN AND BLACK SEA FISHERIES

ROME, 4–6 DECEMBER 2017

Rome, 2018  
ISBN 978-92-5-130555-3  
120 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

Among the topics discussed were the need to improve transboundary research and management, as well as the importance of modeling approaches in simulating potential climate change impacts and assessing the vulnerability of fisheries in the area.



## REPORT OF THE TRAINING WORKSHOP ON AQUACULTURE VALUE CHAIN DEVELOPMENT AND PARTICIPATION

PANGASINAN, THE PHILIPPINES  
14–16 NOVEMBER 2017

This workshop was designed to help small-scale aquaculture producers strengthen their entrepreneurial skills – to develop markets for their products, participate more actively in the aquaculture value chain, and become more resilient to risks.

Rome, 2018  
ISBN 978-92-5-130588-1  
40 pp., 210 x 297 mm; Price available upon request, Paperback; Available in: English



## REPORT OF THE TECHNICAL CONSULTATION ON MARKING OF FISHING GEAR

ROME, ITALY, 5–9 FEBRUARY 2018

This Technical Consultation stressed the need to monitor and retrieve abandoned, lost or otherwise discarded fishing gear (ALDFG), improve disposal of fish aggregative devices (FADs), and facilitate communication between different fishing fleets.

Rome, 2018  
ISBN 978-92-5-130755-7; 36 pp., 210 x 297 mm  
USD 19.00, Paperback; Available in: English



## REPORT OF THE EIGHTH SESSION OF THE SCIENTIFIC ADVISORY GROUP

MERIDA, MEXICO, 3–4 NOVEMBER 2017

The recommendations that emerged from the meeting included the importance of supporting communities affected by hurricanes via increased collaboration with national authorities, and the need to foster research on sustainability of fisheries aggregating devices.

Bridgetown, 2018  
ISBN 978-92-5-130391-7; 64 pp., 210 x 297 mm,  
Price available upon request, Paperback,  
Available in: English, French, Spanish (trilingual)



**REPORT OF THE  
FIRST MEETING  
OF THE WECAFC/  
OSPECA/  
CRFM/CITES/  
CFMC WORKING  
GROUP ON SHARK  
CONSERVATION  
AND MANAGEMENT**

BRIDGETOWN, BARBADOS,  
17–19 OCTOBER 2017

During the meeting, experts worked on shark stocks and fisheries status assessments and a Regional Plan of Action for the protection of sharks and rays, aiming at strengthening research, data collection, capacity building, and awareness raising.

Bridgetown, 2018  
ISBN 978-92-5-130387-0  
112 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



**REPORT OF THE  
SECOND MEETING  
OF THE REGIONAL  
WORKING GROUP ON  
ILLEGAL, UNREPORTED  
AND UNREGULATED  
(IUU) FISHING**

BARBADOS,  
19–21 SEPTEMBER 2017

During the technical meeting, fishing vessel marking and identification and the establishment of regional IUU vessel lists were approved to facilitate the work of inspectors and other officials in identifying unauthorized crafts.

Bridgetown, 2018  
ISBN 978-92-5-130161-6  
100 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, Spanish (bilingual)



**REPORT OF THE  
SECOND SESSION  
OF THE COMMITTEE  
ON FISHERIES  
ADVISORY  
WORKING  
GROUP ON  
AQUATIC GENETIC  
RESOURCES AND  
TECHNOLOGIES**

ROME, ITALY, 19–20  
OCTOBER 2017

This paper reports on the main discussion points of the meeting, including the implementation of genetic improvement programmes and the setup of an information system to assess and monitor the status of aquatic genetic resources.

Rome, 2018  
ISBN 978-92-5-130397-9  
28 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

**REPORT OF THE EXPERT GROUP  
MEETING ON STOCK ASSESSMENT  
METHODS AND REVIEW OF THE SMALL  
PELAGIC AND DEMERSAL ASSESSMENTS  
FOR THE CECAF AREA**

ROME, ITALY, 24–26 JUNE 2015



This expert group meeting stressed the importance of data quality and access, which would contribute to quality control, transparency and continuity, even during changes in Working Group membership.

Rome, 2018  
ISBN 978-92-5-009044-3  
148 pp., 210 x 297 mm, Price available upon request,  
Paperback; Available in: English, French (bilingual)

**REPORT OF THE FIRST MEETING OF THE REGIONAL WORKING GROUP ON ILLEGAL, UNREPORTED AND UNREGULATED (IUU) FISHING**

BARBADOS, 1–2 MARCH 2017



Bridgetown, 2018  
ISBN 978-92-5-130082-4  
72 pp., 210 x 297 mm  
Available in: English,  
Spanish (bilingual)

The meeting raised awareness on illegal, unreported and unregulated fishing in the Caribbean and proposed tools to combat it, such as vessel monitoring systems, control and surveillance measures, and international and regional instruments including the 2009 FAO Port State Measures Agreement.



Rome, 2018  
ISBN 978-92-5-109711-3  
64 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English

**REPORT ON THE WORKSHOP ON STRATEGIC DATA POLICY**

ROME, 21–22 SEPTEMBER 2015

This workshop report calls for best practices in data management to be shared among members, highlighting the South West Indian Ocean (SWIO) Region and its Regional Information system (the Chimaera portal) as an example of good practice.



**REPORT OF THE EIGHTH SESSION OF THE SOUTH WEST INDIAN OCEAN FISHERIES COMMISSION**

ANTANANARIVO,  
MADAGASCAR,  
28–31 MARCH 2017

The meeting discussed the need to boost the standardization of tools for overexploited fish stocks assessment in order to improve the comparability of member countries' results, and called for improved capacity development in fisheries management.

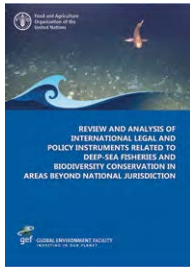
Maputo, 2018, ISBN 978-92-5-130160-9  
80 pp., 210 x 297 mm, Price available upon request,  
Paperback  
Available in: English, French (bilingual)

**REPORT OF THE THIRD REGIONAL WORKSHOP ON CARIBBEAN BILLFISH MANAGEMENT AND CONSERVATION OF THE WECAFC/ OSPESCA/ CRFM/ CFMC WORKING GROUP ON RECREATIONAL FISHERIES**



A report on the objectives of the workshop, including better awareness and understanding of the Caribbean Billfish Project and production of a final draft Caribbean Billfish Management and Conservation Plan endorsed by technical experts.

Bridgetown, 2018  
ISBN 978-92-5-130068-8  
76 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English, Spanish (bilingual)



**REVIEW AND ANALYSIS OF INTERNATIONAL LEGAL AND POLICY INSTRUMENTS RELATED TO DEEP-SEA FISHERIES AND BIODIVERSITY CONSERVATION IN THE ABNJ**

Recognizing the need to control fishing activity, this publication reviews international treaties relevant to deep-seas fisheries management and discusses which provisions require national-level implementation.

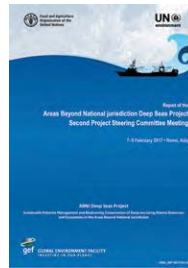
Rome, 2017  
 ISBN 978-92-5-109700-7  
 92 pp., 210 x 297 mm  
 USD 45.00, Paperback  
 Available in: English

**TOWARDS GENDER-EQUITABLE SMALL-SCALE FISHERIES GOVERNANCE AND DEVELOPMENT**  
 A HANDBOOK



This manual aims at providing practical guidance on how to achieve gender-equitable small-scale fisheries in the context of the implementation of the SSF Guidelines.

Rome, 2017  
 ISBN 978-92-5-109796-0  
 172 pp., 176 x 250 mm  
 USD 110.00, Paperback  
 Available in: English



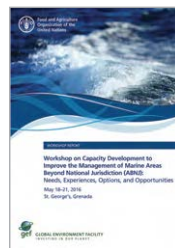
**REPORT OF THE AREAS BEYOND NATIONAL JURISDICTION DEEP SEAS PROJECT**  
 SECOND PROJECT STEERING COMMITTEE MEETING

An overview the ABNJ Deep Seas Project – aimed at strengthening policy frameworks for sustainable fisheries and enhancing conservation – and a discussion of its implementation status, evaluation system and work plan for 2017.

Rome, 2017  
 36 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English

**WORKSHOP ON CAPACITY DEVELOPMENT TO IMPROVE THE MANAGEMENT OF MARINE AREAS BEYOND NATIONAL JURISDICTION (ABNJ)**

NEEDS, EXPERIENCES, OPTIONS, AND OPPORTUNITIES



The workshop discussed how to develop national capacities to sustainably manage fisheries and conserve biodiversity in marine areas beyond national jurisdiction. It stressed the role of legally binding international instruments and awareness-raising among stakeholders.

Rome, 2017  
 ISBN 978-92-5-109983-4  
 76 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English

## FISHERIES AND AQUACULTURE



### AGREEMENT ON PORT STATE MEASURES TO PREVENT, DETER AND ELIMINATE UNREPORTED AND UNREGULATED FISHING

This landmark agreement seeks to prevent, deter and eliminate illegal, unreported and unregulated fishing – a major problem in capture fisheries and a serious threat to the effective conservation and management of many fish stocks.

Rome, 2016 (revised edition)  
 ISBN 978-92-5-009140-2  
 116 pp., 148 x 210 mm  
 Price available on request, Paperback  
 Available in: English, French, Spanish (trilingual), Arabic, Chinese, Russian



### IMPLEMENTATION OF IOTC CONSERVATION AND MANAGEMENT MEASURES – PART A

The objective of this manual is to provide a working document for Cooperating Non-Contracting Parties to use in the implementation of the Indian Ocean Tuna Commission Resolutions.

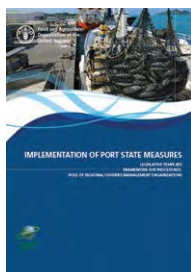
Rome, 2018  
 ISBN 978-92-5-130150-0  
 84 pp., 148 x 210 mm  
 Price available upon request, Paperback  
 Available in: English



### IMPLEMENTATION OF IOTC CONSERVATION AND MANAGEMENT MEASURES – PART B

This manual will assist Indian Ocean Tuna Commission Members and Cooperating Non-Contracting Parties in better understanding their obligations. It also provides an overview of the Conservation and Management Measures (CMMs).

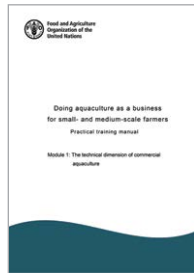
Rome, 2018  
 ISBN 978-92-5-130149-4  
 140 pp., 148 x 210 mm  
 Price available upon request, Paperback  
 Available in English



### IMPLEMENTATION OF PORT STATE MEASURES

Rome, 2016  
 ISBN 978-92-5-109303-0  
 184 pp. 210 x 297 mm  
 USD 50.00, Paperback  
 Available in: English

This publication provides legislative templates to implement the FAO Agreement on Port States Measures to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing. It presents a framework for mainstreaming the core provisions of the Agreement into national legislation.

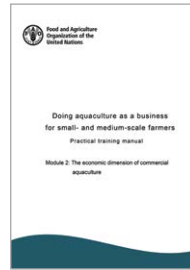


**DOING AQUACULTURE AS A BUSINESS FOR SMALL- AND MEDIUM-SCALE FARMERS**

PRACTICAL TRAINING MANUAL MODULE 1: THE TECHNICAL DIMENSION OF COMMERCIAL AQUACULTURE

This training manual will help small- and medium-scale fish farmers build their knowledge of basic technical principles of commercial aquaculture and apply them in their daily activities.

Rome, 2017  
 ISBN 978-92-5-109807-3  
 48 pp., 210 x 297 mm  
 USD 25.00, Paperback  
 Also available in e-book format  
 Available in: English



**DOING AQUACULTURE AS A BUSINESS FOR SMALL- AND MEDIUM-SCALE FARMERS**

PRACTICAL TRAINING MANUAL MODULE 2: THE ECONOMIC DIMENSION OF COMMERCIAL AQUACULTURE

This manual aims to enhance the knowledge and capacities of extension workers and educators in basic economics and principles of commercial aquaculture for their daily activities.

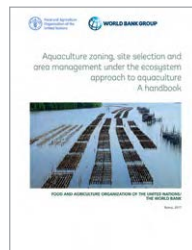
Rome, 2017  
 ISBN 978-92-5-109924-7  
 38 pp., 210 x 297 mm  
 USD 25.00, Paperback  
 Also available in e-book format  
 Available in: English



**AQUACULTURE ZONING, SITE SELECTION AND AREA MANAGEMENT UNDER THE ECOSYSTEM APPROACH TO AQUACULTURE**

FULL DOCUMENT

FAO, World Bank, Rome, 2017  
 ISBN 978-92-5-109699-4  
 408 pp., 210 x 297 mm  
 Price available upon request  
 Paperback  
 Available in: English



**AQUACULTURE ZONING, SITE SELECTION AND AREA MANAGEMENT UNDER THE ECOSYSTEM APPROACH TO AQUACULTURE**

HANDBOOK

ISBN 978-92-5-109638-3  
 72 pp., 210 x 297 mm  
 USD 53.00, Paperback  
 Available in: English



## FOOD SAFETY AND NUTRITION

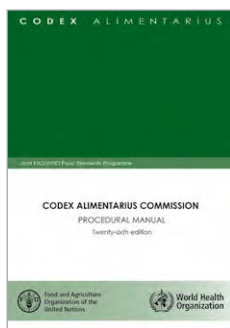
FAO is working with countries around the world to improve food systems and ensure that everyone has access to safe and nutritious food. Jointly with the World Health Organization, FAO is responsible for the **Codex Alimentarius**, a collection of internationally adopted food standards that protect consumer health and ensure fair food trade. The regularly updated publications

Understanding Codex and the Procedural Manual of the Codex Alimentarius Commission (p. 91) provide useful overviews of how the Codex works. Several recent guides and training tools address **food inspection and hygiene** standards (p. 93), aiming to ensure that consumers have access to safe and quality food. FAO also provides guidance regarding specific foodborne diseases (pp. 92–93) and the safety of food additives and drug residues (p. 95).

### NIGER

Mehao Saley, 60 years, one of the beneficiaries of the ASTF zero hunger initiative, preparing a meal for the family  
©FAO/Andrew Esiebo

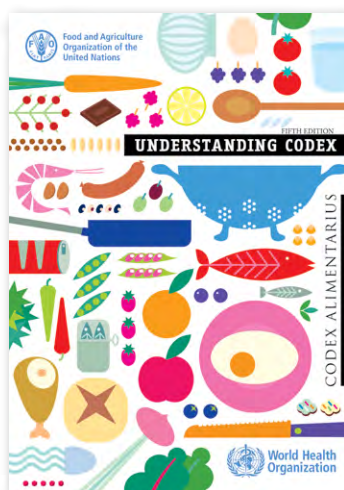
**Nutrition** is also fundamental. FAO's publications on nutrition provide data and guidelines, including food composition tables, indicators and dietary assessments, to help countries scale-up nutrition-sensitive agricultural policies. Strong emphasis is given to school meal programmes that support both human and environmental health as well as local food production (pp. 95–97). ■

**UNDERSTANDING CODEX**  
NUTRIENT REFERENCE VALUE**FORTHCOMING****UNDERSTANDING CODEX**  
CONTAMINANTS**FORTHCOMING****UNDERSTANDING CODEX**  
FOOD HYGIENE**FORTHCOMING****CODEX ALIMENTARIUS COMMISSION**PROCEDURAL MANUAL  
26TH EDITION

This manual helps Member governments to participate effectively in the work of the joint FAO/WHO Food Standards Programme, setting out the basic rules of procedure, definitions, and guidelines for Codex Committees.

WHO, FAO, Rome, 2018  
ISBN 978-92-5-130341-2  
264 pp., 148 x 210 mm

Price available upon request, Paperback  
Also available in e-book format  
Available in: Arabic, Chinese, English, French, Russian, Spanish

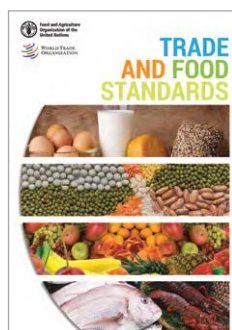
**UNDERSTANDING CODEX**

CODEX ALIMENTARIUS

This publication presents the Codex Alimentarius Commission, what it is and how it works. Established by FAO and WHO in the 1960s, it has become the most important international reference point for developments associated with food standards. Throughout much of the world, an increasing number of consumers and governments are becoming aware of food quality and safety issues and are realizing the need to be selective about the foods being consumed. It is now common for consumers to demand that their governments take legislative action to ensure that only safe food of acceptable quality is sold and that the risk of food-borne health hazards is minimized.

FAO, WHO  
Rome, 2018 (5th edition)  
ISBN 978-92-5-130928-5  
56 pp., 210 x 297 mm

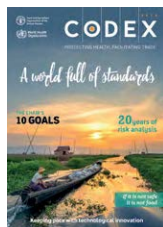
Price available on request, Paperback  
Available in: English, French, Russian, Spanish. Forthcoming in Arabic, Chinese.

**TRADE AND FOOD STANDARDS**

This publication reviews the FAO/WTO effort to set international food standards. It presents the drivers of change in food regulation (e.g. whole genome sequencing, genetically modified organisms, consumption patterns), stressing the need for stronger institutions to keep food safe.

FAO, WTO, Rome, 2017; ISBN 978-92-5-109793-9  
72 pp., 210 x 297 mm; USD 52.00, Paperback  
Available in: Arabic, Chinese, English, French, Russian, Spanish

## FOOD SAFETY AND NUTRITION



### CODEX

A WORLD FULL OF STANDARDS

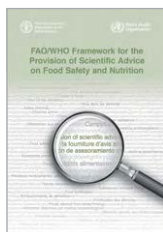
Through an array of magazine-style articles, Codex shares viewpoints on a range of topics, such as nuclear applications for food safety and control, the success of WHO's "5 Keys to safer food" campaign, and Codex commitments for the future.

Rome, 2018  
 ISBN 978-92-5-130740-3  
 56 pp., 210 x 297 mm  
 USD 22.00, Paperback  
 Available in: English



### DIAGNOSTIC TOOL FOR ASSESSING STATUS OF NATIONAL CODEX PROGRAMMES

FAO, WHO, Rome 2017  
 ISBN 978-92-5-109845-5  
 48 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English, Spanish



### FAO/WHO FRAMEWORK FOR THE PROVISION OF SCIENTIFIC ADVICE ON FOOD SAFETY AND NUTRITION

This document discusses the different types of advice provided by the agencies (risk assessment, guidelines and resource documents, methodology, and international harmonization) with the aim of enhancing the transparency of scientific advice.

FAO, WHO, Rome, Geneva, 2018  
 ISBN 978-92-5-108515-8  
 48 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



### HISTAMINE IN SALMONIDS JOINT FAO/WHO LITERATURE REVIEW

This report notes that, with appropriate time/temperature control, and within the sensory shelf-life of the product, histamine development in Salmonidae to the level that causes Scombrotoxin Fish Poisoning is unlikely to occur.

FAO, WHO, Rome, 2018  
 ISBN 978-92-5-130888-2  
 60 pp., 176 x 250 mm  
 Price available upon request, Paperback  
 Available in: English

### PESTICIDE RESIDUES IN FOOD 2017

SEE PAGE 105

## MICROBIOLOGICAL RISK ASSESSMENT SERIES

The series contains information that is useful to food safety risk assessors and risk managers with an interest in microbiological criteria.

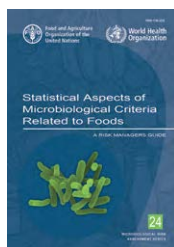


### SHIGA TOXIN- PRODUCING ESCHERICHIA COLI (STEC) AND FOOD

ATTRIBUTION,  
CHARACTERIZATION,  
AND MONITORING

This report proposes a set of criteria for categorizing the potential risk of STEC-associated illnesses in food, and highlights that while land animals are considered the main reservoirs for STEC, outbreaks have also been linked to food such as fresh produce.

FAO, WHO, Rome, 2018  
ISBN 978-92-5-130682-6  
172 pp., 176 x 250 mm  
Price available upon request,  
Paperback  
Available in: English



### STATISTICAL ASPECTS OF MICROBIOLOGICAL CRITERIA RELATED TO FOODS

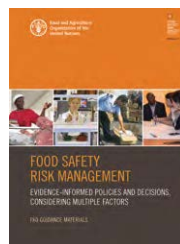
A RISK MANAGER'S GUIDE

This publication illustrates the important mathematical and statistical aspects of microbiological criteria while limiting statistical jargon, equations and complex detail.

FAO, WHO  
Rome, 2016  
ISBN 978-92-5-108516-5  
144 pp., 176 x 250 mm  
Price available on request  
Paperback  
Available in: English

## FOOD SAFETY AND QUALITY SERIES

This series provides cutting-edge scientific knowledge and promotes best practices to help stakeholders and relevant authorities involved in agri-food value chains to assess and manage food safety risks.

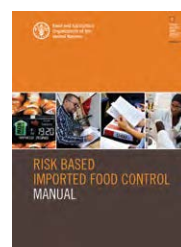


### FOOD SAFETY RISK MANAGEMENT

EVIDENCE-INFORMED  
POLICIES AND  
DECISIONS,  
CONSIDERING  
MULTIPLE FACTORS

A practical guidance document, informed by case studies from Thailand and Uganda, on how a multi-factor decision-making methodology for food safety can help set priorities and manage risks.

Rome, 2017  
ISBN 978-92-5-130065-7  
108 pp., 210 x 297 mm  
Price available upon  
request, Paperback  
Available in: English



### RISK BASED IMPORTED FOOD CONTROL

MANUAL

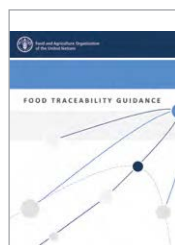
This manual aims to support competent authorities in improving the effectiveness of control measures they oversee. It discusses the different types of approach to managing risks related to imported food, and provides concrete illustrations of how Codex Alimentarius guidelines can be implemented in different ways.

Rome, 2016  
ISBN 978-92-5-109070-1  
184 pp., 210 x 297 mm  
Available in: English,  
French, Spanish



### FOOD SAFETY KNOWLEDGE, ATTITUDES AND PRACTICES (KAP) AMONG FOOD CONSUMERS IN THE WEST BANK AND GAZA STRIP

FAO, Ministry of National Economy –  
Palestine, Jerusalem, 2017  
ISBN 978-92-5-109990-2  
74 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: Arabic, English



### FOOD TRACEABILITY GUIDANCE

Santiago, 2017  
ISBN 978-92-5-109876-9  
140 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

This series provides information on the identity and purity of food additives used directly in foods or in food production.



### RESIDUE EVALUATION OF CERTAIN VETERINARY DRUGS

In light of growing use of veterinary drugs in animal production systems, this report provides evaluations of eight veterinary drugs found in food, including amoxicillin, ampicillin and ethion. It covers identity of substance, residues in food and metabolism studies.

FAO, WHO, Rome, 2018  
ISBN 978-92-5-130536-2  
358 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English



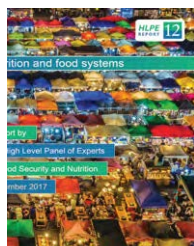
### COMPENDIUM OF FOOD ADDITIVE SPECIFICATIONS

This issue covers food additives used directly in foods or in food production. The document focuses on identifying the additives that have been tested for safety, ensuring that they comply with standards and encouraging good manufacturing practice.

FAO, WHO, Rome, 2017  
ISBN 978-92-5-130021-3  
104 pp., 210 x 297 mm  
USD 55.00, Paperback  
Available in: English

**COMPENDIUM OF FOOD ADDITIVE SPECIFICATIONS**  
JOINT FAO/WHO EXPERT COMMITTEE ON  
FOOD ADDITIVES – 86TH MEETING

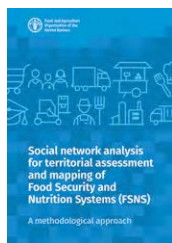
**FORTHCOMING**



## NUTRITION AND FOOD SYSTEMS

A REPORT BY THE HIGH LEVEL PANEL OF EXPERTS ON FOOD SECURITY AND NUTRITION OF THE COMMITTEE ON WORLD FOOD SECURITY. SEPTEMBER 2017

Rome, 2017  
152 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



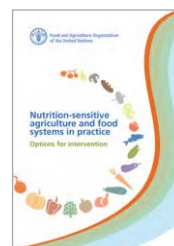
## SOCIAL NETWORK ANALYSIS FOR TERRITORIAL ASSESSMENT AND MAPPING OF FOOD SECURITY AND NUTRITION SYSTEMS (FSNS)

A METHODOLOGICAL APPROACH

Rome, 2018  
ISBN 978-92-5-130393-1  
56 pp., 176 x 250 mm  
Price available upon request,  
Paperback  
Available in: English

## NUTRITION-SENSITIVE AGRICULTURE AND FOOD SYSTEMS IN PRACTICE

OPTIONS FOR INTERVENTION  
REVISED EDITION



This publication provides a list of food system-based interventions (e.g. biofortification, price policies, labelling and education) to improve nutrition across four key functions of the food system: production; storage and processing; trade and marketing; and food preparation.

Rome, 2017  
ISBN 978-92-5-109945-2  
100 pp., 148 x 210 mm  
USD 35.00, Paperback  
Available in: English, French



## COMPENDIUM OF INDICATORS FOR NUTRITION-SENSITIVE AGRICULTURE

This compendium presents basic indicator categories, describes what each indicator measures (e.g. diet, food access, women's empowerment), its application and how it is collected and analyzed. It also provides relevant technical resources.

Rome, 2017  
ISBN 978-92-5-309461-5  
56 pp., 250 x 176 mm  
USD 15.00, Paperback  
Available in: English, French, Spanish

## HOME-GROWN SCHOOL FEEDING RESOURCE FRAMEWORK

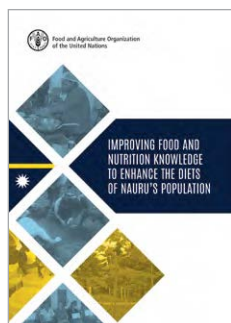
SYNOPSIS – REVISED EDITION



This framework fosters the replication and scaling up of home-grown school feeding models and the mapping of opportunities for linking such programmes with relevant agricultural development and rural transformation investments.

FAO, WFP, Rome, 2018  
36 pp. 210 x 297 mm  
Price available upon request, Paperback  
Available in: English

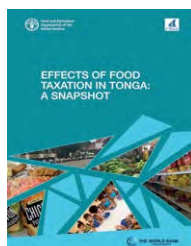
## FOOD SAFETY AND NUTRITION



### IMPROVING FOOD AND NUTRITION KNOWLEDGE TO ENHANCE THE DIETS OF NAURU'S POPULATION

This report reviews an FAO project to improve food and nutrition knowledge in Nauru. It outlines the project's objectives and gives recommendations to ensure its sustainability, including teacher training and kitchen garden promotion.

Apia, 2017  
 ISBN 978-92-5-109848-6  
 96 pp., 210 x 297 mm  
 Price available upon request,  
 Paperback  
 Available in: English

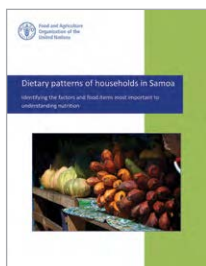


### EFFECTS OF FOOD TAXATION IN TONGA

A SNAPSHOT

An overview on how food taxation can reduce obesity and non-communicable diseases, this study proposes an integrated approach incorporating social and cultural aspects. It calls for influencers such as church leaders to support changes in food consumption.

FAO, World Bank, Rome, 2017  
 ISBN 978-92-5-130002-2  
 56 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



### DIETARY PATTERNS OF HOUSEHOLDS IN SAMOA

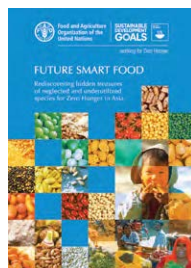
Apia, 2017  
 ISBN 978-92-5-109347-4  
 108 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English



### PROCEEDINGS OF THE FAO/WHO INTERNATIONAL SYMPOSIUM ON SUSTAINABLE FOOD SYSTEMS FOR HEALTHY DIETS AND IMPROVED NUTRITION

Key messages from this symposium include the need to actively promote healthy diets and tackle malnutrition, strengthen political commitment; empower consumers; grant food producers equal rights; and promote climate change adaptation in the context of food systems.

FAO, WHO, Rome, 2018  
 ISBN 978-92-5-130474-7  
 180 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: English

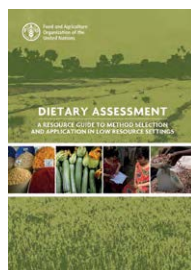


## FUTURE SMART FOOD

REDISCOVERING HIDDEN TREASURES OF  
NEGLECTED AND UNDERUTILIZED SPECIES FOR  
ZERO HUNGER IN ASIA

This publication demonstrates the benefits of neglected and underutilized species (NUS), including amaranth, sorghum and cowpea and their potential contribution to achieving Zero Hunger in South and Southeast Asia.

Bangkok, 2018  
ISBN 978-92-5-130495-2; 244 pp., 210 x 297 mm  
USD 75.00, Paperback  
Available in: English

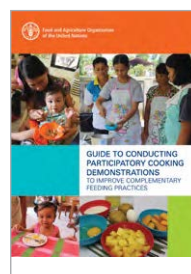


## DIETARY ASSESSMENT

A RESOURCE GUIDE TO METHOD SELECTION AND  
APPLICATION IN LOW RESOURCE SETTING

This resource guide written for professionals proposes various dietary assessment methods (e.g. food balance sheet, weighed food records) to collect dietary data at national, household and individual levels and improve accuracy of nutrition information.

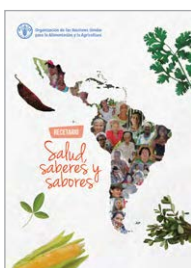
Rome, 2018  
ISBN 978-92-5-130635-2  
172 pp., 210 x 297 mm  
Price available upon request, Paperback  
Available in: English



## GUIDE IN CONDUCTING PARTICIPATORY COOKING SESSIONS TO IMPROVE COMPLEMENTARY FEEDING PRACTICES

In the Philippines, many children are underweight, short in stature and lacking in micronutrient intake. This guide shows how to conduct cooking demonstrations using local, traditional and affordable ingredients. It includes a guide to feeding children aged 6–24 months.

Manila, 2017  
ISBN 978-92-5-109758-8  
60 pp., 210 x 297 mm  
Price available upon request,  
Paperback  
Available in: English, Tagalog



## SALUD, SABERES Y SABORES

A collection of 23 recipes from 20 countries in Latin America and the Caribbean, tying in biodiversity and food and nutrition security with the everyday lives of rural women.

Santiago de Chile, 2018  
ISBN 978-92-5-130077-0  
60 pp., 255 x 185 mm  
Price available upon request, Paperback  
Available in: English, French, Spanish

## FORESTRY

Forests support many aspects of social, economic and environmental well-being, contributing directly to several Sustainable Development Goals. The Committee on World Food Security has formally recognized forestry's role in "making a difference in **food security and nutrition**", as reflected in the recent report on p. 99.

The specific importance of **urban and peri-urban forests** is also increasingly recognized, with their role in providing food, energy and employment highlighted in several publications (pp. 99 and 101) and underscored by FAO's participation in the First World Forum on Urban Forests taking place in Mantova, Italy, in November 2018. Several other recent publications focus on **woodfuel** use, particularly in refugee settings (p. 103).

### BELARUS

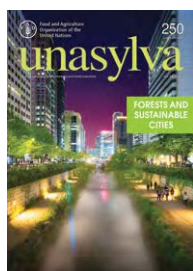
A forest near the agrotown of Gatsuk, some 70 km south of Minsk.

©FAO/Sergei Gapon

Finally, while the Forestry Papers are FAO's main series in forestry, 2018 sees the first six titles in a **new series of Forestry Working Papers**, which provide insights into themes ranging from accident reporting to forest certification schemes and governance (pp. 100–101). ■

# UNASYLVA JOURNAL

First published in 1947, *Unasylva* is FAO's journal of forestry and forest industries. It brings globally significant developments in forestry to the attention of policy-makers, practitioners and researchers.

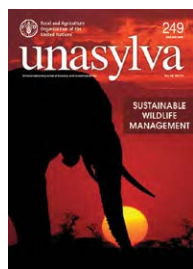


## FORESTS AND SUSTAINABLE CITIES

ISSUE 250

This issue is dedicated to urban and peri-urban forestry, its benefits, pitfalls, governance and challenges, including how forests can help cities meet global commitments on sustainable development, as well as their role in reducing disasters and as vehicles of culture and heritage.

Rome, 2018  
 ISBN 978-92-5-130383-2  
 88 pp., 210 x 297 mm  
 USD 18.00, Paperback  
 Available in: English,  
 French, Spanish



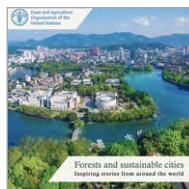
## SUSTAINABLE WILDLIFE MANAGEMENT

ISSUE 249

This publication discusses topics such as trophy hunting, international wildlife trade and conservation. Among others, it provides examples of partnerships and hunting regulations to show that sustainable wildlife management is feasible in the modern era.

Rome, 2017  
 ISBN 978-92-5-109764-9  
 88 pp., 210 x 297 mm  
 USD 15.00, Paperback  
 Available in: English,  
 French, Spanish

**THE STATE OF MEDITERRANEAN FORESTS 2018**  
**FORTHCOMING**

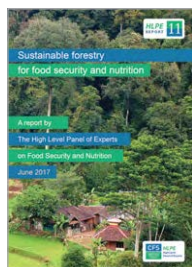


## FORESTS AND SUSTAINABLE CITIES

INSPIRING STORIES FROM  
 AROUND THE WORLD

Launched on 21 March, International Day of Forests 2018, this publication presents success stories of cities that have opted for green strategies to deal with urban challenges, such as large-scale afforestation in Beijing and tree planting to protect from landslides in Lima.

Rome, 2018  
 92 pp., 230 x 230 mm  
 Price available upon request, Paperback  
 Available in: English

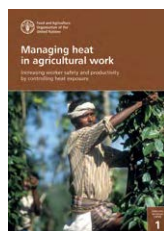


Rome, 2017  
 140 pp., 210 x 297 mm  
 Price available upon request, Paperback  
 Available in: Arabic,  
 Chinese, English, French,  
 Russian, Spanish

## SUSTAINABLE FORESTRY FOR FOOD SECURITY AND NUTRITION

A REPORT BY THE HIGH LEVEL PANEL OF EXPERTS ON FOOD SECURITY AND NUTRITION OF THE COMMITTEE ON WORLD FOOD SECURITY JUNE 2017

Forests and trees support food security and nutrition by providing food, energy, income and employment, and ecosystem services. This report calls for integrated and sustainable forest management and stronger intersectoral governance.

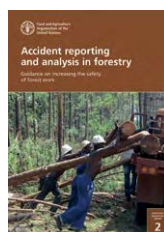


Rome, 2018  
ISBN 978-92-5-130502-7  
68 pp., 176 x 250 mm  
Price available upon  
request, Paperback  
Available in: English

## MANAGING HEAT IN AGRICULTURAL WORK

INCREASING WORKER SAFETY AND PRODUCTIVITY BY  
CONTROLLING HEAT EXPOSURE

This report reviews the implications of heat stress in agriculture, looking at ISO standards – e.g. wet-bulb globe temperature (WBGT) index – and at how heat stress can be managed, including by training employees to drink frequently. It was launched during the 6th International Forest Engineering Conference (16–19 April, New Zealand).



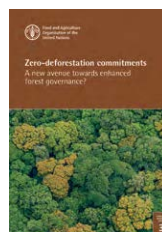
Rome, 2018  
ISBN 978-92-5-130503-4  
96 pp., 176 x 250 mm  
Price available upon  
request, Paperback  
Available in: English

## ACCIDENT REPORTING AND ANALYSIS IN FORESTRY

GUIDANCE ON INCREASING THE SAFETY  
OF FOREST WORK

This report discusses forestry accidents and provides recommendations on increased occupational safety, including assisting developing countries in improving accident reporting and analysis. It was launched during the 6th International Forest Engineering Conference (16–19 April, New Zealand).

This series provides up-to date reports for decision-makers, planners, managers, practitioners, researchers and academics.

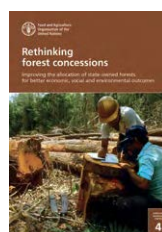


Rome, 2018  
ISBN 978-92-5-130630-7  
48 pp., 176 x 250 mm  
Price available upon  
request, Paperback  
Available in: English

## ZERO-DEFORESTATION COMMITMENTS

A NEW AVENUE TOWARDS ENHANCED FOREST  
GOVERNANCE?

This publication gives an overview of the zero-deforestation movement, discusses major forest certification schemes and promotes public-private partnerships as effective ways to improve forest governance.



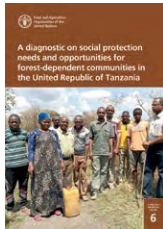
Rome, 2018  
ISBN 978-92-5-130532-4  
84 pp., 176 x 250 mm  
Price available upon  
request, Paperback  
Available in: English

## RETHINKING FOREST CONCESSIONS

IMPROVING THE ALLOCATION OF STATE-OWNED  
FORESTS FOR BETTER ECONOMIC, SOCIAL AND  
ENVIRONMENTAL OUTCOMES

According to this report, successful tropical forest management will depend on improvements in governance; in management; and in timber business performance, to help reduce wastage.

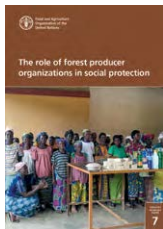
## FORESTRY PAPERS SERIES



Rome, 2018  
ISBN 978-92-5-130792-2  
68 pp., 176 x 250 mm  
Price available upon request, Paperback  
Available in: English

### **A DIAGNOSTIC ON SOCIAL PROTECTION NEEDS AND OPPORTUNITIES FOR FOREST-DEPENDENT COMMUNITIES IN THE UNITED REPUBLIC OF TANZANIA**

This paper seeks to identify innovative social protection measures, tailored to forest-dependent communities and their needs. It also calls for better integration of such measures with land resource management and gender concerns.



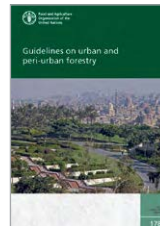
Rome, 2018  
ISBN 978-92-5-130789-2  
40 pp., 176 x 250 mm  
Price available upon request, Paperback  
Available in: English

### **THE ROLE OF FOREST PRODUCER ORGANIZATIONS IN SOCIAL PROTECTION**

This report shows that, to be effective in providing social insurance mechanisms, forest producer organizations need to overcome geographical remoteness, insecure tenure and poor access to credit, as well as social and political exclusion.

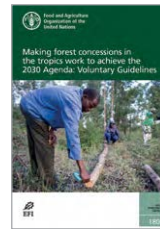
The FAO Forestry Papers series covers topical issues for forestry, from tenure to fire management to phytosanitary standards.

### **GUIDELINES ON URBAN AND PERI-URBAN FORESTRY**



These guidelines promote urban and peri-urban forests as a way of meeting the needs of cities for environmental services.

Rome, 2016  
ISBN 978-92-5-109442-6  
168 pp., 176 x 250 mm  
USD 35.00, Paperback  
Available in: English, French, Spanish

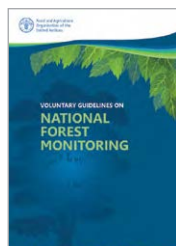


### **MAKING FOREST CONCESSIONS IN THE TROPICS WORK TO ACHIEVE THE 2030 AGENDA** VOLUNTARY GUIDELINES

These guidelines show how to make forest concessions an effective economic instrument capable of delivering sustainable forest management and generate socio-economic benefits to relevant stakeholders, thereby contributing to Agenda 2030.

Rome, 2018  
ISBN 978-92-5-130547-8  
128 pp., 176 x 250 mm  
Price available upon request, Paperback  
Available in: English, Spanish

## FORESTRY



### VOLUNTARY GUIDELINES ON NATIONAL FOREST MONITORING

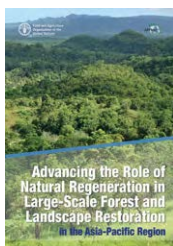
This paper provides principles and tools for planning and implementing a national forest inventory, to collect timely, comparable and consistent forest-related information, and establish monitoring systems.

Rome, 2017  
 ISBN 978-92-5-109619-2  
 76 pp., 176 × 250 mm  
 USD 45.00, Paperback  
 Available in: Arabic, Chinese, English, French, Russian, Spanish

### CREATING A FOREST LANDSCAPE RESTORATION MOVEMENT IN AFRICA

NATURE & FAUNE JOURNAL  
 VOLUME 32, ISSUE 1

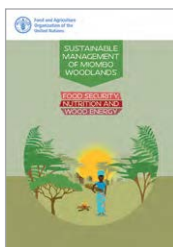
SEE PAGE 44



### ADVANCING THE ROLE OF NATURAL REGENERATION IN LARGE-SCALE FOREST AND LANDSCAPE RESTORATION IN THE ASIA-PACIFIC REGION

A workshop organized on the challenges of natural forest regeneration highlighted the benefits of assisted natural regeneration, such as watershed protection, restoration of wildlife habitats and carbon sequestration.

FAO, APFNet, Bangkok, 2018  
 ISBN 978-92-5-130144-9; 124 pp., 210 × 297 mm  
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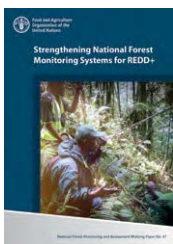


### SUSTAINABLE MANAGEMENT OF MIOMBO WOODLANDS

FOOD SECURITY, NUTRITION AND WOOD ENERGY

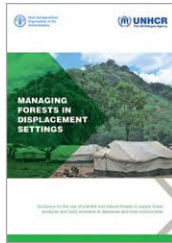
This paper reviews barriers to development of the Miombo ecosystem, such as a lack of enabling policies and unsustainable management. It calls for a combined management approach (timber and non-timber products) for improved biodiversity and resilience.

Rome, 2018  
 ISBN 978-92-5-130423-5; 64 pp., 210 × 297 mm  
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### STRENGTHENING NATIONAL FOREST MONITORING SYSTEMS FOR REDD+

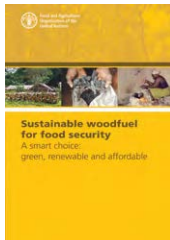
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 ISBN 978-92-5-130803-5  
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## MANAGING FORESTS IN DISPLACEMENT SETTINGS

This handbook covers actions, from growing trees to caring for nursery sites, to help restore forests in displacement-affected areas, generate income for refugees and reduce the environmental impact of displacement settings.

FAO, UNHCR, Rome, 2018  
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## SUSTAINABLE WOODFUEL FOR FOOD SECURITY

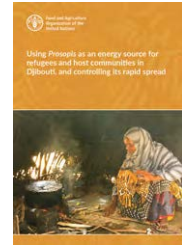
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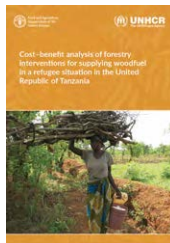
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## USING PROSOPIS AS AN ENERGY SOURCE FOR REFUGEES AND HOST COMMUNITIES IN DJIBOUTI, AND CONTROLLING ITS RAPID SPREAD

This study presents the challenges of meeting energy demands in refugee camps, looks at the distribution of *Prosopis* trees in the country and assesses the economic potential of processing *Prosopis* biomass for more efficient fuel use (e.g. charcoal).



Rome, 2018  
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## COST-BENEFIT ANALYSIS OF FORESTRY INTERVENTIONS FOR SUPPLYING WOODFUEL IN A REFUGEE SITUATION IN THE UNITED REPUBLIC OF TANZANIA

Using field data from focus group discussions, field observations and direct interviews, this report presents a cost-benefit analysis of three forestry interventions aimed at producing a sustainable supply of woodfuel and reducing deforestation.

FAO, UNHCR, Rome 2018  
 ISBN 978-92-5-130742-7; 44 pp., 210 x 297 mm  
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## RAPID WOODFUEL ASSESSMENT

2017 BASELINE FOR BIDIBIDI REFUGEE SETTLEMENT, UGANDA

Using remote sensing analysis, this publication provides data on woodfuel use and consumption, and identifies opportunities to improve energy access, cookstoves and afforestation initiatives.

FAO, UNHCR, New York, Rome, 2017  
 ISBN 978-92-5-109947-6, 54 pp., 210 x 297 mm  
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## PLANT PRODUCTION AND HEALTH

The world's growing population, projected to reach 10 billion people by 2050, is unquestionably putting pressure on plant production. Dealing with **pests and plant diseases** is an ongoing challenge and anticipating their spread is an important focus for FAO, with an **integrated management approach** favoured as a means of managing risks while ensuring healthy food for

all (p. 105). **Fall Armyworm** currently represents one of the most serious threats as it spreads across Africa and beyond, and FAO has developed specific guidance for managing this invasive pest.

Managing **pesticide use** is just as important as managing pests, and FAO therefore works closely with the World Health Organization on an ongoing basis to set standards and codes of conduct for pesticide use, reflected in a number of annual publications (pp. 105–106).

FAO also produces guides (p. 107) to foster the implementation of the International Plant Protection Convention (IPPC) Standards on **Phytosanitary Measures** (p. 107), which include recommendations for pest risk analysis, international trade regulations and phytosanitary certificates. To raise awareness about the importance of healthy plants in the fight against hunger, FAO has proposed 2020 as the International Year of Plant Health. ■

### NEPAL

Close-up of a plant used as wood, fertilizer and animal fodder, protecting from soil-degrading winds and floods.

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# PLANT PRODUCTION AND PROTECTION PAPERS



## INTEGRATED MANAGEMENT OF THE FALL ARMYWORM ON MAIZE

A GUIDE FOR FARMER FIELD  
SCHOOLS IN AFRICA

This guide supports Farmer Field Schools in the integrated and sustainable management of the Fall Armyworm in Africa, with an emphasis on maize, and provides recommendations on how to build a training programme for rural advisory services.

Rome, 2018  
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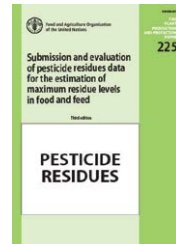
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## INTEGRATED PEST MANAGEMENT OF MAJOR PESTS AND DISEASES IN EASTERN EUROPE AND THE CAUCASUS

This book describes the major plant pests and diseases in the region, including symptoms, possible location, and ways of monitoring. It gives guidance on Integrated Pest Management for sustainable intensification of crop production and risk reduction.

Rome, 2017  
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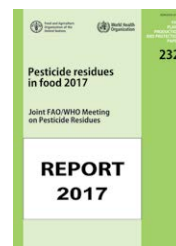


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JOINT FAO/WHO MEETING ON  
PESTICIDE RESIDUES REPORT 2017

FAO, WHO, Rome, 2017  
ISBN 978-92-5-130070-1  
104 pp., 210 x 297 mm  
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Paperback

# PLANT PRODUCTION AND HEALTH



## 10<sup>TH</sup> FAO/WHO JOINT MEETING ON PESTICIDE MANAGEMENT

The 10th JMPM included an update on Secretariat activities; a review of progress and plan for continued work on guidelines; and a follow up concerning the failure of two pesticide companies to comply with the Code of Conduct.

FAO, WHO, Rome, Geneva, 2017

ISBN 978-92-5-130025-1

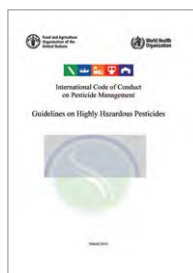
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GUIDELINES ON HIGHLY HAZARDOUS PESTICIDES



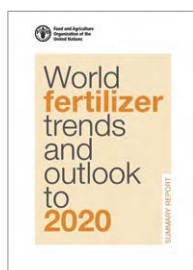
Guidelines to identify Highly Hazardous Pesticides using the criteria established by FAO and WHO, which help countries assess (via the FAO Pesticide Registration Toolkit) and mitigate (e.g. reducing use, changing formulations) risks to human and environmental health.

Rome, 2016

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## WORLD FERTILIZER TRENDS AND OUTLOOK TO 2020

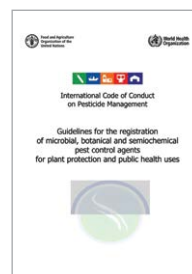
Medium-term world supply and demand projections for nitrogen, phosphate and potassium fertilizer for the period 2016–2020.

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This publication guides pesticide regulatory authorities in registering microbial, botanical, and semiochemical pest control agents for plant protection and public health uses. It updates and replaces the 1988 publication on The Registration of Biological Pest Control Agents.

FAO, WHO Rome, Geneva, 2017

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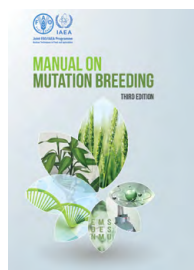
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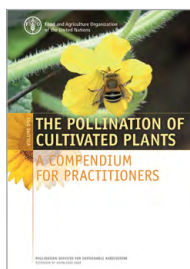
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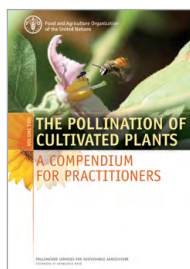
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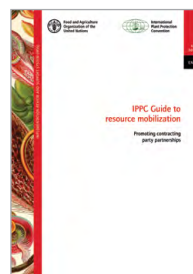


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