

CABI Books



Agriculture and Environmental Sciences

2022

KNOWLEDGE FOR LIFE

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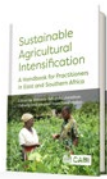
CABI believes that a crucial way to solve problems in agriculture and the environment is by creating, managing, curating and disseminating information.

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Sustainable Agricultural Intensification

A Handbook for Practitioners in East and Southern Africa

Edited by **Mateete Bekunda**, International Institute of Tropical Agriculture, Tanzania, **Jonathan Odhong**, International Institute of Tropical Agriculture, Ibadan, Nigeria, **Irmgard Hoeschle-Zeledon**, International Institute of Tropical Agriculture, Ibadan, Nigeria

This book aims to demonstrate how sustainable intensification (SI) of smallholder livelihood farming systems can be achieved through the delivery, application, and adoption of evidence-based recommended technologies and knowledge.

Apr 2022 | HB | 9781800621602 | 208pp
£70 | €85 | \$100



Spices, Scents and Silk

Catalysts of World Trade

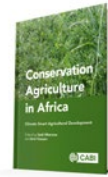
James F Hancock, Michigan State University, USA

This book describes the central role that these exotic luxuries – spices, scents and silks – played in the lives of the ancients, traces

the development of the great international trade networks that delivered them, and explores how the demand for such luxuries shaped the world.

Sep 2021 | PB | 9781789249750 | 344pp
£29.99 | €35 | \$40

Sep 2021 | HB | 9781789249743 | 344pp
£95 | €110 | \$130



Conservation Agriculture in Africa

Climate Smart Agricultural Development

Edited by **Saidi Mkomwa**, African Conservation Tillage (ACT), Nairobi, **Amir H Kassam**, University of Reading, UK

Conservation Agriculture (the use of no tillage systems) to preserve soil structure and integrity has become an increasingly important step towards sustainable farming. This book brings together conservation agriculture and climate smart decision making processes for the first time, focusing on Africa.

Dec 2021 | HB | 9781789245745 | 512pp
£175 | €210 | \$245



An Introduction to Economics

Concepts for Students of Agriculture and the Rural Sector

5th Edition

Berkeley Hill, formerly Imperial College London, UK

A simple but effective introduction to economics. Fully updated and revised, this fifth edition covers the impacts of Brexit, animal welfare, sustainable agriculture, and the importance of natural, social and cultural capital on agricultural economics. It is an invaluable learning tool for students of agriculture, economics and related sectors.

Jul 2021 | PB | 9781800620063 | 264pp
£45 | €50 | \$60





Farm Business Management The Decisive Farmer

Peter L Nuthall, Lincoln University, New Zealand

This book takes a novel approach to teaching farm management and decision making processes. It has been written for all

farmers but is also a valuable resource for students of farm management and agribusiness. References to formal theories and explanations are provided in addenda to each chapter covering the main points.

Dec 2021 | PB | 9781800620124 | 232pp
£45 | €50 | \$60



Farm Business Management The Fundamentals of Good Practice

Peter L Nuthall, Lincoln University, New Zealand

Following the author's *Farm Business Management* series, this textbook takes the core principles and techniques and distils

them into an accessible student resource. It covers aspects of farm management such as observation, decision making, budgeting, risk assessment and record keeping, and includes student-focused pedagogy throughout.

Apr 2016 | PB | 9781780646572 | 374pp
£40.99 | €56.40 | \$66.65



Farm Business Management The Human Factor 2nd Edition

Peter L Nuthall, Lincoln University, New Zealand

The underlying economic factors that effect primary production are frequently studied and

written about – soil quality, animal health, climate, machinery. This book explores the psychology of successful farm business management and decision making.

Dec 2018 | HB | 9781789240733 | 290pp
£46.15 | €51.25 | \$61.50



Farm Business Management – 3 volume set

Peter L Nuthall, Lincoln University, New Zealand

Taken together the three books of *Farm Business Management* cover most aspects of the study of farm management, leaving the reader with a practical set of skills and knowledge:

- Farm Business Management: The Core Skills
- Farm Business Management: The Human Factor, 2nd Edition
- Farm Business Management: Analysis of Farming Systems

Dec 2018 | HB | 9781789241525 | pp
£244.99 | €275.75 | \$317.75





Transition Pathways towards Sustainability in Agriculture

Case Studies from Europe

Edited by **Lee-Ann Sutherland**, James Hutton Institute, **Ika Darnhofer**, University of Natural Resources and Life Sciences, Austria, **Geoff Wilson**, University of Plymouth, UK, **Lukas Zagata**

Using case studies from various countries in the EU, this book adopts a novel analytical approach based on transition management theory. It discusses the importance of understanding transition pathways towards sustainability in European agriculture at a time of economic recession.

Oct 2019 | PB | 9781786395474 | 244pp
£41 | €51.25 | \$56.40

Nov 2014 | HB | 9781780642192 | 244pp
£87.65 | €114.80 | \$164.95



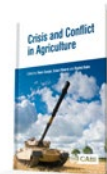
Emerging Trends in Agri-Nanotechnology

Fundamental and Applied Aspects

Edited by **Harikesh Bahadur Singh**, Banaras Hindu University, India, **Sandhya Mishra**, Chinese Academy of Sciences, China, **Leonardo Fernandes Fraceto**, São Paulo State University, Brazil, **Renata de Lima**, University of Sorocaba, Brazil

The science of nanotechnology – the manipulation, design and engineering of devices at the atomic and molecular scale – is starting to be applied to many disciplines including aspects of agriculture and crop science. This edited volume reviews the current state of knowledge and explores potential applications.

Apr 2018 | HB | 9781786391445 | 322pp
£66.65 | €76.90 | \$92.25



Crisis and Conflict in Agriculture

Edited by **Rami Zurayk**, American University of Beirut, Lebanon, **Eckart Woertz**, Barcelona Centre for International Affairs (CIDOB), Spain, **Rachel Bahn**, American University of Beirut, Lebanon

This book examines both how agriculture and rural issues can cause crisis and conflict, and what the effects of crisis and conflict, including violence and natural disasters, are on agriculture. Case studies examine a wide range of crises and conflicts, primarily in developing countries, and appropriate responses to mitigate their effects.

Sep 2018 | HB | 9781786393647 | 316pp
£46.15 | €51.25 | \$61.50



Automation in Tree Fruit Production Principles and Practice

Edited by **Qin Zhang**, Washington State University, USA

Written by an international team of experts, this unique edited volume focuses on applications of automation technology to the important industry of tree fruit production. It is aimed at researchers and graduate students of agricultural and biological engineering, crop and soil sciences, precision agriculture, and other relevant disciplines.

Nov 2017 | HB | 9781780648507 | 312pp
£128.15 | €169.15 | \$210.10





Indigenous Knowledge Enhancing its Contribution to Natural Resources Management

Edited by **Paul Sillitoe**, Durham University, UK

This book addresses indigenous knowledge's (IK) potential in solving issues such as coping with change, ensuring global food supply, reversing environmental degradation and promoting sustainable practices. It draws together strands of biocultural diversity research into natural resources management, providing an overview of conceptual issues.

Nov 2017 | HB | 9781780647050 | 272pp
£97.40 | €128.15 | \$164



Farm-level Modelling Techniques, Applications and Policy

Edited by **Shailesh Shrestha**, SRUC, UK, **Andrew Barnes**, SRUC, UK, **Bouda Vosough Ahmadi**, FAO, Italy

This book describes the application of a wide variety of mathematical modelling techniques used to help carry out crucial tasks and decision making in farm management.

Sep 2016 | HB | 9781780644288 | 238pp
£92.40 | €119.30 | \$152

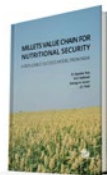


Conservation Agriculture for Africa Building Resilient Farming Systems in a Changing Climate

Edited by **Amir H Kassam**, University of Reading, UK, **Saidi Mkomwa**, African Conservation Tillage (ACT), Nairobi, **Theodor Friedrich**, Food and Agriculture Organization of the United Nations, Cuba

Tillage agriculture has led to widespread soil and ecosystem degradation. This book reviews research and development initiatives in Africa aimed at building resilient farming systems. It summarises the status of conservation agriculture today, discusses prospects for future development and provides case studies showing its performance in Africa.

Dec 2016 | HB | 9781780645681 | 318pp
£103.50 | €136.10 | \$174.20



Millets Value Chain for Nutritional Security

A Replicable Success Model from India
Benhur Dayakar Rao, Indian Institute of Millets Research, India, **N G Malleshi**, Central Food Technological Research Institute, India, **George A Annor**, University of Ghana, Ghana, **Jagannath Vishnu Patil**, Indian Institute of Millets Research, India

While there are books that look at nutritional aspects and processing of millets, this title deals with value addition through the entire chain, from producer to consumer, and demonstrates a reliable model for millets development that can be adapted to other commodities.

Aug 2016 | HB | 9781780648309 | 254pp
£103.50 | €136.10 | \$174.20





Sustainable Water Management in Smallholder Farming

Theory and Practice

Sara Finley, Water Management Consultant,
Canada

Water is critical to everyone, but access to this resource is increasingly limited by competition and the effects of climate change. This book outlines the theoretical underpinnings of sustainable water management in agriculture, introduces a range of beneficial practices, and provides schematic diagrams to help readers put theory into practice.

Jul 2016 | PB | 9781780646879 | 204pp
£42.25 | €58.05 | \$68.60

Jul 2016 | HB | 9781780646862 | 204pp
£103.50 | €136.10 | \$174.20





Illustrated Plant Glossary

Enid Mayfield, Melbourne, Australia

A comprehensive glossary of over 4000 terms related to plant sciences, with superb colour illustrations to aid comprehension of many of the plant terms.

Sep 2021 | PB | 9781800620674 | 332pp
£37.50 | €45 | \$50

World, excluding Aus & NZ



Practical R for Biologists

An Introduction

Donald Quicke, Chulalongkorn University, Thailand, **Buntika A Butcher**, Chulalongkorn University, Thailand, **Rachel Kruff Welton**, Professional biology and science tutor

A new textbook showing beginners how to use the free programming language R for fundamental biostatistical analysis, graphical display, and experimental design. The book takes a simple step-by-step approach to give a good grounding in the use of R for undergraduate/beginning postgraduate biology students.

Jan 2021 | PB | 9781789245349 | 424pp
£39.99 | €48 | \$56



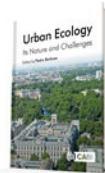
Gender, Climate Change and Livelihoods

Vulnerabilities and Adaptations

Edited by **Joshua Eastin**, Portland State University, USA, **Kendra Dupuy**

This book applies a gendered lens to the dynamic linkages between climate change and livelihoods in developing countries. It examines how climate change affects women and men in distinct ways, and the implications for earning income and accessing the natural, social, economic, and political resources required to survive and thrive.

Jul 2021 | HB | 9781789247053 | 240pp
£95 | €115 | \$135



Urban Ecology

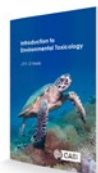
Its Nature and Challenges

Edited by **Pedro Barbosa**, University of Maryland, USA

This book contains a series of essays designed for graduate students and researchers on crucial issues in the relatively new field of urban ecology.

Nov 2020 | HB | 9781789242607 | 248pp
£87.15 | €102.50 | \$123





Introduction to Environmental Toxicology

J P F D'Mello, formerly Scottish Agricultural College, UK

This book covers the origin, characterization and environmental distribution of the major pollutants, providing explanations of the implications for human morbidity, biodiversity, and food and water safety. Including questions, further reading and case studies to spark classroom discussion, it forms a true introduction for undergraduates.

Sep 2020 | PB | 9781789245189 | 168pp
£25.60 | €29.70 | \$34.35



Modelling Nature

An introduction to mathematical modelling of natural systems

Edward Gillman, Michael Gillman

This textbook introduces the basic concepts of mathematical modelling when applied to natural systems. It focuses on tackling real-world problems from a variety of fields including physics, ecology, geology and epidemiology.

May 2019 | PB | 9781786393135 | 280pp
£46.15 | €56.40 | \$66.65



A Handbook of Environmental Toxicology

Human Disorders and Ecotoxicology

Edited by **J P F D'Mello**, formerly Scottish Agricultural College, UK

This handbook focuses on human disorders and ecotoxicology, as affected by major toxins originally from biology sources and pollutants, and radiation generated spontaneously or as a result of anthropogenic activity. The book explores the cutting edge of research and also indicates the likely direction of future developments.

Dec 2019 | HB | 9781786394675 | 608pp
£199.90 | €261.40 | \$328



Finding Resilience

Change and Uncertainty in Nature and Society

Brian Walker, CSIRO and The Australian National University, Australia

This book unravels how ecosystems, societies and people cope with disturbance and adversity. Written for a general readership and based on the experiences of researchers, the fascinating stories reveal what resilience is, how it works in different kinds of systems, how it is expressed, and how it can be gained and lost.

Mar 2019 | PB | 9781789241594 | 168pp
£40.99 | €50.25 | \$57.40

World, excluding Aus & NZ



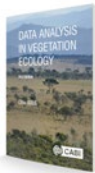
Air Pollution
Sources, Impacts and Controls

Edited by **Pallavi Saxena**, University of Delhi, India, **Vaishali Naik**, NOAA GFDL, USA

This book aims to provide a broad overview of the issues surrounding air pollution and how to control and monitor pollution levels.

Beginning with a brief background on the subject, the book moves on to discuss global emissions, with an emphasis on megacities and their effects.

Dec 2018 | PB | 9781786393890 | 234pp
£40.99 | €56.40 | \$66.65



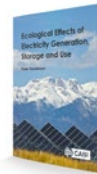
Data Analysis in Vegetation Ecology
3rd Edition

Otto Wildi, Swiss Federal Research Institute WSL, Switzerland

The third edition of this popular graduate-level text introduces the reader to the investigation of vegetation systems with an emphasis on

data analysis. It covers pattern recognition, pattern testing, static and dynamic modelling and model testing including spatial and temporal aspects of ecosystems.

Oct 2017 | PB | 9781786394224 | 356pp
£40.99 | €56.40 | \$66.65



Ecological Effects of Electricity Generation, Storage and Use

Peter Henderson, Pisces Conservation Ltd., UK

The demand for electricity has never been higher and is growing rapidly. This book examines all of the main forms of electricity

generation in terms of their ecological impacts and effects on climate change, arguing that the only way to minimise impacts will be to minimise our consumption and transmission.

May 2018 | PB | 9781786392015 | 240pp
£26.65 | €35.90 | \$46.15





Courtship and Mate-Finding in Insects

A Comparative Approach

Raymond J C Cannon, formerly of the Food and Environment Research Agency, UK

This fascinating and beautifully illustrated book describes the incredible variety of courtship behaviours and celebrates the wonderful natural history of a wide range of insects. It will be of interest to students of biology, professional entomologists and amateur naturalists with a desire to know more about the behaviour of the small creatures with which we share the planet.

Nov 2022 | HB | 9781789248609 | 400pp
£95 | €110 | \$130



Butterflies of Cyprus

A Field Guide and Distribution Atlas

Eddie John, Cyprus Butterfly Study Group, UK, **Christodoulos Makris**, Cyprus Butterfly Study Group, Cyprus

This book is the first, comprehensive, authoritative field guide and distribution atlas for the butterflies of Cyprus, assembled by authors with a combined experience spanning over 50 years of study of the island's butterflies.

Aug 2022 | HB | 9781800621251 | 272pp
£75 | €85 | \$100



Dragonfly Conservation

Michael J Samways, Stellenbosch University, South Africa

This is the first, comprehensive, single-authored, modern text on the conservation of this iconic group of insects. Dragonflies are sensitive to the health of freshwater systems, and the quality of vegetation along rivers and around ponds. Dragonflies are excellent indicators in these times of great concern over the quality of our freshwater supplies.

Sep 2022 | HB | 9781789248371 | 376pp
£95 | €115 | \$130



Psocids as Global Pests of Stored Products

Edited by **Christos G Athanassiou**, University of Thessaly, Greece, **Manoj K. Nayak**, Department of Agriculture and Fisheries, Australia

Psocids are a group of insect pests of stored products. They are widespread and damaging. This book summarises current knowledge of Psocid biology and management and points the way to future psocid research. The book is essential reading for all those involved in stored product and post-harvest pest management and research.

Jul 2022 | HB | 9781789245523 | 144pp
£95 | €115 | \$135





**Crop Pollination by Bees, Volume 2
Individual Crops and their Bees
2nd Edition**

Keith S Delaplane, University of Georgia, USA

Volume 2 of a practical guide to bees and how they pollinate essential crops. Provides simple, succinct advice on how to increase bee abundance and pollination. Very useful for farmers, horticulturalists, gardeners, and those interested in insect ecology and conservation, including students of entomology and crop protection.

**Jul 2022 | PB | 9781786393524 | 128pp
£45 | €60 | \$75**



**The Fruit Fly Fauna (Diptera :
Tephritidae : Dacinae) of Papua
New Guinea, Indonesian Papua,
Associated Islands and Bougainville**

Richard A I Drew, Griffith University, Australia, **Meredith C Romig**, Griffith University, Australia

A taxonomic treatise of the tropical fruit flies of Papua New Guinea, Indonesian Papua, associated islands and Bougainville, with an updated record of all known species of Dacinae that occur in this geographic area including descriptions of 66 new species out of an entire list of 296 known species covered.

**Jan 2022 | HB | 9781789249514 | 152pp
£85 | €100 | \$115**



Encyclopedia of Scale Insect Pests

Edited by **Takumasa Kondo**, Agrosavia, Colombia, **Gillian W. Watson**, Natural History Museum, UK

Scale insects are major pests worldwide. They are one of the most invasive plant pest groups and cause billions of dollars damage to a wide variety of crops each year. *The Encyclopedia of Scale Insect Pests* is the most comprehensive, fully illustrated work on scale insect pests worldwide.

**Mar 2022 | HB | 9781800620643 | 720pp
£250 | €287.50 | \$337.50**



**Pest Management in Cotton
A Global Perspective**

Edited by **Graham A. Matthews**, Emeritus Professor, Imperial College London, UK, **Thomas A. Miller**, University of California Riverside, USA

This book describes the background and present state of pest management in cotton crops throughout the world. Cotton is one of the most economically important crops globally, and new, emerging pests driven by climate change, for example, are proving increasingly problematic. The book highlights new techniques in cotton crop protection.

**Dec 2021 | HB | 9781800620216 | 312pp
£95 | €110 | \$130**





Crop Pollination by Bees, Volume 1 Evolution, Ecology, Conservation, and Management

2nd Edition

Keith S Delaplane, University of Georgia,
USA

A practical guide to bees and how they pollinate essential crops. Provides simple, succinct advice on how to increase bee abundance and pollination. Very useful for farmers, horticulturalists, gardeners, and those interested in insect ecology and conservation, including students of entomology and crop protection.

Aug 2021 | PB | 9781786393494 | 192pp
£49.99 | €57.50 | \$67.50



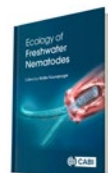
Biology and Management of the German Cockroach

Edited by **Changlu Wang**, Rutgers
University, USA, **Chow-Yang Lee**, University
of California, Riverside, **Michael Rust**,
University of California, USA

A comprehensive overview of the German
cockroach and its management.

May 2021 | HB | 9781789248104 | 320pp
£120 | €145 | \$170

World, excluding Aus & NZ



Ecology of Freshwater Nematodes

Edited by **Walter Traunspurger**, University of
Bielefeld, Germany

Nematodes, with a simple, tubular body form
are the most abundant multicellular animals
on earth. Freshwater nematodes are central
in the context of environmental monitoring,
pollution assessments, global warming and food chain
complexes, and this is increasingly being recognised.

Aug 2021 | HB | 9781789243635 | 400pp
£95 | €110 | \$130



Small-scale Rearing of *Anagasta kuehniella* for *Trichogramma* Production

2nd Edition

Edited by **Jose Roberto Postali Parra**,
Departamento de Entomologia, Fitopatologia
e Zoologia Agrícola Piracicaba São Paulo

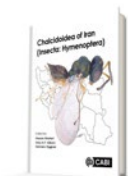
BRAZIL, **Leandro Delalibera Geremias**, **Aline Bertin**, USP/
ESALQ, Brazil, **Yelitza C Colmenarez**, CABI, Brazil, **Aloisio
Coelho Jr**, USP/ESALQ, Brazil

This technical guide describes the techniques for small-scale
rearing of the egg parasitoids *Trichogramma* spp. in the
factitious host *Anagasta kuehniella*. These parasitoids are
among the most widely used natural enemies in the world.

Feb 2021 | ePub | 9781789248968 | 32pp

Feb 2021 | ePDF | 9781789248951 | 32pp





Chalcidoidea of Iran (Insecta: Hymenoptera)

Edited by **Hassan Ghahari**, Islamic Azad University, Iran, **Gary Gibson**, Agriculture and Agri-Food Canada, **Gennaro Viggiani**, University of Naples, Italy

A catalogue and reference volume of the species diversity of the Chalcidoidea (an important diverse group of parasitic wasps used in biological control of crop pests) based on little known records from Iran and 15 neighbouring countries. It is an invaluable source of information for all those interested in Chalcidoidea and those working in crop protection (especially biological control) and Integrated Pest Management.

Feb 2021 | HB | 9781789248463 | 448pp
£225 | €270 | \$315



Insect Pest Management

3rd Edition

David R Dent, Dent Associates Ltd, UK,
Richard H Binks, FreshTec, UK

This new, third edition has been thoroughly updated to include all the key principles, methodologies, approaches and practical

examples of insect pest management in agricultural, post harvest and horticultural contexts, as well as looking at insects as vectors of disease from a medical and veterinary perspective.

Nov 2020 | PB | 9781789241044 | 378pp
£51.25 | €61.50 | \$71.75

Nov 2020 | HB | 9781789241051 | 378pp
£128.15 | €153.75 | \$179.40



Ecological and Economic Entomology

A Global Synthesis

Brian Freeman, formerly University of the West Indies, Jamaica

Covering all insect pests of plants, humans and livestock, this book provides a comprehensive reference text to ecological and economic entomology. Taking a global approach, it considers climate and plant community distributions. It is recommended for entomologists working in agricultural, medical and veterinary professions as well as academia.

Nov 2020 | HB | 9781789241181 | 712pp
£199.90 | €240.90 | \$281.90



Butterfly Biology Systems

Connections and Interactions in Life History and Behaviour

Roger L H Dennis, Oxford Brookes University, Staffordshire University and NERC Centre for Ecology and Hydrology, UK

Written by one of the world's leading and most respected experts on butterfly ecology, behaviour and conservation, this book summarises in one place for the first time our knowledge of butterfly life history strategies, behaviour and systems. This book represents a major contribution to the field of butterfly biology and entomology in general.

Oct 2020 | HB | 9781789243574 | 504pp
£153.75 | €184.50 | \$215.25





Asian Citrus Psyllid Biology, Ecology and Management of the Huanglongbing Vector

Edited by **Jawwad A Qureshi**, University of Florida, USA, **Philip A Stansly**, formerly University of Florida, USA

This is the first book to be published which specifically focuses on Asian Citrus Psyllid and the intractable disease it spreads in citrus crops (Huanglongbing disease).

Jun 2020 | HB | 9781786394088 | 312pp
£97.40 | €117.85 | \$138.40



Courtship and Mating in Butterflies

Raymond J C Cannon, formerly of the Food and Environment Research Agency, UK

The aim of this book is to present a readable account of butterfly behaviour, based on field observations, great photographs and the latest research.

Dec 2019 | HB | 9781789242638 | 392pp
£97.40 | €117.85 | \$138.40



Optical Manipulation of Arthropod Pests and Beneficials

Edited by **David Ben-Yakir**, Agricultural Research Organization, Israel

This is the first comprehensive book on the use of light to manipulate insect pests. It includes information on important arthropod pests, pollinators, biocontrol agents and also medical/veterinary pests, and discusses the potential use of optical manipulation to improve the health of plants, domestic animals and humans.

Jun 2020 | HB | 9781786394705 | 192pp
£87.15 | €102.50 | \$123



Transcriptomics in Entomological Research

Edited by **Matan Shelomi**, National Taiwan University, Taiwan

This is the first book on the cutting-edge field of transcriptomics and its applications in entomology.

Dec 2019 | HB | 9781789243130 | 214pp
£97.40 | €117.85 | \$138.40





Insect Conservation

A Global Synthesis

Michael J Samways, Stellenbosch University, South Africa

This is a landmark, field-defining work by Professor Michael Samways, one of the founding fathers of this burgeoning discipline.

The book presents a state-of-the-art, comprehensive review of the entire field of insect conservation, from single-species conservation to whole-ecosystem approaches, and from natural ecosystems to the urban landscape.

Dec 2019 | PB | 9781789241679 | 560pp
£56.40 | €71.75 | \$92.25

Dec 2019 | HB | 9781789241686 | 560pp
£128.15 | €169.15 | \$210.10



The Economics of Integrated Pest Management of Insects

Edited by **David W Onstad**, Corteva Agriscience, USA, **Philip R Crain**, Corteva Agriscience, USA

This is the first book to bring economists and applied entomologists together to make the case for better integrated pest management strategies in crops based on economic arguments and analyses.

Sep 2019 | HB | 9781786393678 | 232pp
£87.15 | €102.50 | \$123



Urban Insect Pests

Sustainable Management Strategies

Edited by **Partho Dhang**, Independent Consultant, Philippines

A companion to *Urban Pest Management*, this book builds on the issues of insect pests in urban settings to discuss control strategies.

From an environmental and health perspective, it is not always practical to spray chemicals, so this work discusses sustainable control and best practice methods for managing insects.

Oct 2019 | PB | 9781786395405 | 260pp
£46.15 | €56.40 | \$66.65

Sep 2014 | HB | 9781780642758 | 260pp
£92.25 | €119.95 | \$175.20



Biology and Management of Bactrocera and Related Fruit Flies

Anthony R Clarke, Queensland University of Technology, Australia

This book is the only single source which provides students, field entomologists, extension officers, quarantine officers and market access negotiators with a rapid, yet comprehensive introduction to this economically important group of fruit flies.

Jul 2019 | HB | 9781789241822 | 268pp
£76.90 | €92.25 | \$107.65

World, excluding Aus & NZ



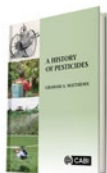


The Discovery of a Visual System – The Honeybee

Adrian Horridge, Formerly of The Australian National University, Canberra

This book presents a new and controversial theory of how honeybees see the world from one of the world's most eminent neuroscientists. It also explores the fascinating history of this field of endeavour.

May 2019 | HB | 9781789240894 | 296pp
£87.15 | €102.50 | \$123



A History of Pesticides

Graham A. Matthews, Emeritus Professor, Imperial College London, UK

In this fascinating book, Professor Graham Matthews takes the reader through the history of the development and use of chemicals for control of pests, weeds, and vectors of disease and then discusses their future.

Sep 2018 | HB | 9781786394873 | 312pp
£46.15 | €51.25 | \$61.50



Culicipedia

Species-group, genus-group and family-group names in Culicidae (Diptera)

Ralph E. Harbach, Natural History Museum, UK

This volume is a comprehensive compilation of all scientific names introduced at all taxonomic levels within the culicid family, offering insight into the history of mosquito classification as well as providing a bibliographic reference source. It is ideal for students, entomologists and taxonomists interested in culicid nomenclature and etymology.

Oct 2018 | HB | 9781786399052 | 396pp
£179.40 | €215.25 | \$251.15



British and Irish Butterflies An Island Perspective

Roger L H Dennis, Oxford Brookes University, Staffordshire University and NERC Centre for Ecology and Hydrology, UK, **Peter B Hardy**, Greater Manchester Regional Recorder for Butterfly Conservation, UK

Islands are special places; they can be havens for unique plants and animals and refuges for wildlife. This book investigates the biogeography of butterfly species over the British islands, particularly the factors that influence their presence on the islands and that have made each island's butterfly fauna distinctive.

Jul 2018 | HB | 9781786395061 | 406pp
£46.15 | €51.25 | \$61.50





Aphids as Crop Pests

2nd Edition

Edited by **Helmut F van Emden**, University of Reading, UK, **Richard Harrington**, Rothamsted Research, Harpenden, UK

A classic comprehensive reference on the biology and management of aphids occurring in crops, this second edition reflects the expansion of genomic research, semiochemicals and endosymbionts, and the shift away from purely chemical control towards more integrated methods.

Aug 2017 | HB | 9781780647098 | 714pp
£184.50 | €242.85 | \$306.40



Integrated management of Insect Pests on Canola and other Brassica Oilseed Crops

Edited by **Gadi V P Reddy**, Montana State University, USA

This book reviews current pest management practices and explores new biological and chemical control methods, and integrated pest management strategies in this important crop. It is essential reading for pest management practitioners and researchers working on pest management in canola crops worldwide.

Apr 2017 | HB | 9781780648200 | 408pp
£184.50 | €242.85 | \$306.40



Keys to the Tropical Fruit Flies of South-East Asia

(Tephritidae: Dacinae)

Richard A I Drew, Griffith University, Australia, **Meredith C Romig**, Griffith University, Australia

A companion to "Tropical Fruit Flies of South-East Asia (Tephritidae: Dacinae)", this book provides fully-illustrated keys for the identification of all currently-known Dacinae fruit flies. Focusing on south-east Asian fauna, it aims to help prevent these pests being introduced to new geographical areas using simple identification information.

Nov 2016 | HB | 9781780644196 | 496pp
£136.15 | €179.45 | \$222.80



Now available as eBooks



Biology of Mosquitoes, Volume 1 **Development, Nutrition and Reproduction**

Alan N Clements, formerly Professor Emeritus, London School of Hygiene & Tropical Medicine, UK

A detailed account of the embryology, growth and metamorphosis of mosquitoes, the nutrition of larvae and adults, and egg production by the adult females. Physiological adaptations of larvae to their aquatic environment are also described. Written in a manner to be comprehensible to any informed biologist, the book has received glowing reviews.

Jan 1992 | HB | 9780851993744 | 532pp
May 2021 | ePub | 9781800620377 | 532pp
May 2021 | ePDF | 9781800620360 | 532pp
£138 | €176.10 | \$265.25

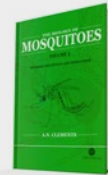


Biology of Mosquitoes, Volume 3 **Transmission of Viruses and Interactions with Bacteria**

Alan N Clements, formerly Professor Emeritus, London School of Hygiene & Tropical Medicine, UK

The largest part of this latest volume of The Biology of Mosquitoes concerns interactions between mosquitoes and viruses and the transmission of arboviruses to their vertebrate hosts, while the remainder concerns symbiotic interactions between mosquitoes and bacteria.

Dec 2011 | HB | 9781845932428 | 592pp
May 2021 | ePub | 9781800620407 | 592pp
May 2021 | ePDF | 9781845932435 | 592pp
£175.25 | €225.90 | \$328.35



Biology of Mosquitoes, Volume 2 **Sensory Reception and Behaviour**

Alan N Clements, formerly Professor Emeritus, London School of Hygiene & Tropical Medicine, UK

This integrated review of the sensory mechanisms and behaviour of mosquitoes provides a unique insight into their biology. The contents, which are fully up-to-date, include much important work from the past which is often overlooked.

Jun 1999 | HB | 9780851993133 | 752pp
May 2021 | ePub | 9781800620391 | 752pp
May 2021 | ePDF | 9781800620384 | 752pp
£160.15 | €210.05 | \$303.35



CABI Climate Change Series



Climate Change, Adaptation and Gender

Methodological Underpinnings

Edited by **Mamta Mehar**, Independent Consultant, New Delhi, India, **Narayan Prasad**, Indira Gandhi National Open University, India

This book offers a wide, in-depth study of the gender-climate change-agriculture nexus. Despite more than 40 years of research exploring this nexus, there is still ambiguity around the foundations, connections, and approaches for planning gender-inclusive climate policies. This volume aims to clear that ambiguity.

Oct 2022 | HB | 9781789249897 | 200pp
£95 | €110 | \$125



Climate Change Impacts and Sustainability

Ecosystems of Tanzania

Edited by **Pius Z Yanda**, University of Dar es Salaam, Tanzania, **Claude G Mung'ong'o**, Formerly of the University of Dar es Salaam, Tanzania, **Edmund B Mabuye**, University of Dar es Salaam, Tanzania

Dar es Salaam, Tanzania

The collection of papers presented in this book provides a detailed analysis of the impacts of climate change on various tropical ecosystems in Tanzania and their related aspects of economic endeavour – from agriculture, marine resources, wildlife to weather forecasting.

Jun 2020 | HB | 9781789242966 | 264pp
£97.40 | €117.85 | \$138.40



Climate, Ticks and Disease

Edited by **Pat Nuttall**, University of Oxford, UK

This book brings together expert opinions from scientists to consider the evidence for climate change and its impacts on ticks and tick-borne infections, and provide predictions for the future.

Dec 2021 | HB | 9781789249637 | 544pp
£150 | €175 | \$205



Climate Change Impact and Adaptation in Agricultural Systems

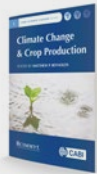
Edited by **Jurg Fuhrer**, formerly Agroscope, Switzerland, **P J Gregory**, University of Reading, UK

This book focuses on future global climate change and its implications for agricultural systems which are the main sources of agricultural goods and services to society. This book brings together a series of chapters providing scientific insights to possible implications of projected climate changes for different crop types and livestock systems.

Nov 2019 | PB | 9781786395351 | 298pp
£46.15 | €56.40 | \$66.65

Jun 2014 | HB | 9781780642895 | 298pp
£92.25 | €119.95 | \$175.20





Climate Change and Crop Production

Edited by **Matthew P Reynolds**, CIMMYT, Mexico

The first volume in the CABI Climate Change Series, this book provides an overview of the essential disciplines required for sustainable crop production in unpredictable environments.

May 2017 | PB | 9781786393081 | 308pp
£46.15 | €61.50 | \$76.90



Climate Change Impacts on Urban Pests

Edited by **Partho Dhang**, Independent Consultant, Philippines

This book reviews the influence of climate change on urban and public pests such as mosquitoes, flies, termites, rodents and

others, with respect to population, distribution, disease, damage and control.

Nov 2016 | HB | 9781780645377 | 200pp
£81.30 | €105.60 | \$136.10



The Relationship Between Soil and Global Climate Change

Processes, Impacts And Adaptations

Pedro Antunes, Algoma University, Canada

A comprehensive, science-based, overview on how the planet's soils affect and are affected by climate change, including an overview of the global contribution of soil to greenhouse gas emissions, evidence of how past climate change affected edaphic factors and how this knowledge can relate to the present and future climate.

Jul 2022 | HB | 9781789246780 | 232pp
£95 | €115 | \$135



Climate Change and Global Health

Edited by **Colin Butler**, University of Canberra, Australia

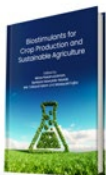
In this authoritative book, international experts examine long-recognised areas of health concern for populations vulnerable to climate change, describing effects that are both

direct, such as heat waves, and indirect, such as via vector-borne diseases.

Jun 2016 | PB | 9781780648583 | 342pp
£46.15 | €61.50 | \$76.90

Sep 2014 | HB | 9781780642659 | 328pp
£94.99 | €123.50 | \$180.50





Biostimulants for Crop Production and Sustainable Agriculture

Edited by **Mirza Hasanuzzaman**, Sher-e-Bangla Agricultural University, Bangladesh, **Barbara Hawrylak-Nowak**, University of Life Sciences in Lublin, Poland, **Md Tofazzal Islam**, Bangabandhu Sheikh Mujibur Rahman

Agricultural University, Bangladesh, **Masayuki Fujita**, Kagawa University, Japan

Agricultural biostimulants are a group of substances or microorganisms that are applied to plants or soils to improve crop vigour, yields, quality and tolerance of abiotic stresses. This book reviews their role in crop production and agricultural sustainability.

Oct 2022 | HB | 9781789248074 | 384pp
£125 | €145 | \$170



Plant Omics Advances in Big Data Biology

Edited by **Hajime Ohyanagi Kentaro Yano**, Meiji University, Japan, **Eiji Yamamoto Ai Kitazumi**, Texas Tech University, USA

Plant omics combines a range of cutting-edge molecular techniques that are

transforming plant science. This book explains the latest developments at each level and how they can help tackle global food security issues.

Jul 2022 | HB | 9781789247510 | 216pp
£95 | €110 | \$130



Next-generation sequencing and agriculture

Edited by **Philipp Bayer**, University of Western Australia, Australia, **David Edwards**, University of Western Australia, Australia

This book summarises the impacts that the genome sequencing revolution has had in all areas across animal and plant agriculture, including cattle, orphan crops, cash crops, and more, with reference to applications in many species and locations. It explains new techniques and their use in understanding epigenetics, breeding and conservation.

Jul 2022 | HB | 9781789247824 | 168pp
£85 | €100 | \$115



Transgenic Insects Techniques and Applications 2nd Edition

Edited by **Mark Quentin Benedict**, Centers for Disease Control and Prevention, USA, **Maxwell Scott**, North Carolina State University, USA

This book describes the huge opportunity to modify insect phenotypes through genetic engineering to benefit human health and agriculture. Precise DNA modifications and gene drive approaches are much more focused with improved safety. The development of modelling, ethical considerations, public response and regulatory oversight is covered.

May 2022 | HB | 9781800621152 | 504pp
£125 | €145 | \$170





Gene Flow

Monitoring, Modeling and Mitigation

Edited by **Wei Wei**, Institute of Botany Chinese Academy of Sciences, China, **Neal Stewart**, University of Tennessee, USA

This book discusses gene flow of transgenes from genetically modified organisms into nature, with a focus on monitoring, modelling and mitigation. It includes both scientific reviews and perspectives on gene flow and experimental case studies, for example, gene flow of soyabean and poplar.

Nov 2021 | HB | 9781789247480 | 168pp
£85 | €105 | \$120



Molecular Breeding in Wheat, Maize and Sorghum

Strategies for Improving Abiotic Stress Tolerance and Yield

Edited by **Mohammad Anwar Hossain**, Bangladesh Agricultural University, Bangladesh, **Mobashwer Alam**, Queensland

Alliance for Agriculture and Food Innovation, Australia, **Saman Seneweera**, National Institute of Fundamental Studies, Sri Lanka, **Sujay Rakshit**, ICAR-Indian Institute of Maize Research, India, **Robert J Henry**, Queensland Alliance for Agriculture and Food Innovation, Australia

This book covers the latest understanding of molecular and genetic bases of abiotic stress tolerance and yield improvement of wheat, maize and sorghum, to develop strategies for improved stress tolerance and enhanced crop productivity.

Jul 2021 | HB | 9781789245431 | 552pp
£175 | €200 | \$240



Mutation Breeding, Genetic Diversity and Crop Adaptation to Climate Change

Edited by **Sobhana Sivasankar**, International Atomic Energy Agency, Austria, **Thomas Henry Noel Ellis**, John Innes Center, UK and University of Auckland, New Zealand,

Ljupcho Jankuloski, FAO/IAEA, Austria, **Ivan Ingelbrecht**, International Atomic Energy Agency, Austria

Reviews achievements, new developments, trends and challenges in plant mutation breeding, across the scientific and the private sectors. Chapters highlight challenges such as emerging transboundary threats to crop production, and assess the overall importance of mutation breeding to food security.

Nov 2021 | HB | 9781789249095 | 536pp
£125 | €150 | \$175



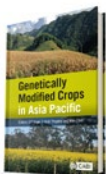
RNAi for Plant Improvement and Protection

Edited by **Bruno Mezzetti**, Università Politecnica delle Marche, Italy, **Jeremy Sweet**, National Institute of Agricultural Botany (NIAB), Cambridge, UK, **Lorenzo Burgos**, CEBAS-CSIC, Spain

International experts review RNA interference (RNAi), methods for developing RNAi systems in GM plants and a range of applications for crop improvement, crop production and crop protection. Chapters examine both endogenous systems in GM plants and exogenous systems where interfering RNAs are applied to target plants, pests and pathogens.

Apr 2021 | HB | 9781789248890 | 200pp
£85 | €100 | \$115





Genetically Modified Crops in Asia Pacific

Edited by **Govind T Gujar**, AGRIBIOSYS, New Delhi, **Y Andi Trisyono**, University of Gadjah Mada, Indonesia, **Mao Chen**, APAC Bayer Crop Science, Singapore

This book shows the progress of GM crop adoption across the Asia-Pacific region over the past decade, and provides important insights for countries in the process of adopting and regulating GM technologies.

Dec 2020 | HB | 9781789248418 | 344pp
£117.90 | €135.80 | \$158.90

World, excluding Aus & NZ

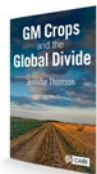


Biotechnology of Fruit and Nut Crops 2nd Edition

Edited by **Richard E Litz**, University of Florida, USA, **Fernando Pliego-Alfaro**, Universidad de Málaga, Spain, **Jose Ignacio Hormaza**, IHSM la Mayora, Spain

This book covers the biotechnology of all major fruit and nut species, with colour illustrations illustrating the crop species and their wild relatives. It details well-established techniques such as protoplast culture, in vitro mutagenesis and ploidy manipulation, but also newer approaches such as genomics and marker-assisted selection.

Jan 2020 | HB | 9781780648279 | 704pp
£199.90 | €261.40 | \$328



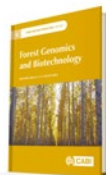
GM Crops and the Global Divide

Jennifer Thomson, University of Cape Town, South Africa

Discusses the impact that anti-GM crop attitudes have on nutrition security in developing countries and updates scientists, regulatory authorities, decision makers and the interested public on the current status of GM crops in developed and developing countries, giving first-hand accounts from people involved in growing, promoting and regulating GM crops.

Dec 2020 | PB | 9781789248401 | 200pp
£30.75 | €35.90 | \$41

World, excluding Aus & NZ



Forest Genomics and Biotechnology

Richard Meilan, Purdue University, USA, **Matias Kirst**, University of Florida, Gainesville, USA

An authoritative update of forest tree biotechnology and genomics methodologies, this book discusses approaches for traditional breeding improvement of forest-tree species and production of forest-based products. It describes in detail the environmental, social, legal, and regulatory aspects of forest biotechnology, with an emphasis on biosafety.

Dec 2019 | HB | 9781780643502 | 288pp
£87.15 | €112.75 | \$143.50





Plant-derived Pharmaceuticals Principles and Applications for Developing Countries

Edited by **Kathleen L. Hefferon**, University of Toronto, Canada

Describing developments in the engineering and generation of plants as production platforms for biopharmaceuticals, this book includes vaccines and monoclonal antibodies. It discusses targeting diseases which predominate in less developed countries, encompassing the current state of technologies and describing expression systems and applications.

Oct 2019 | PB | 9781786395443 | 180pp
£41 | €51.25 | \$56.40

Oct 2014 | HB | 9781780643434 | 180pp
£80 | €107 | \$155.50



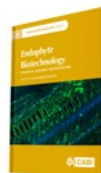
GM Agriculture and Food Security Fears and Facts

Stuart Smyth, University of Saskatchewan, Canada, **William A Kerr**, University of Saskatchewan, Canada, **Peter W B Phillips**, University of Saskatchewan, Canada

Myths about biotechnology have prevented it from helping improve food security in the developing world. This book explores the theory, evidence and rhetoric of the impact of food production on the environment, and vice versa.

Aug 2019 | PB | 9781786392244 | 184pp
£40.99 | €56.40 | \$66.65

Aug 2019 | HB | 9781786392213 | 184pp
£97.40 | €128.15 | \$164



Endophyte Biotechnology Potential for Agriculture and Pharmacology

Edited by **Alexander Schouten**, Wageningen University and Research Centre, The Netherlands

Endophytes are bacterial and fungal microorganisms that colonize plants, typically boosting the health of the host plant and altering its metabolism. This book explores the diversity of endophytes, their potential value and future challenges in the contexts of agricultural production and the discovery of novel pharmaceutical drugs.

Oct 2019 | HB | 9781786399427 | 212pp
£87.15 | €112.75 | \$143.50



The Bioeconomy Delivering Sustainable Green Growth

Davide Viaggi, University of Bologna, Italy

The "bioeconomy" is the idea of economic activity involving the sustainable exploitation of biological resources. This book illustrates state of the art perspectives in the development of the bioeconomy across the world, taking an economic and policy perspective, and identifies potential future pathways and issues.

Dec 2018 | HB | 9781786392756 | 224pp
£46.15 | €51.25 | \$61.50





GM Food Systems and Their Economic Impact

Edited by **Tatjana Brankov**, University of Novi Sad, Serbia, **Koviljko Lovre**, University of Novi Sad

This book adopts a methodical approach to provide a novel exploration of the effects of GM crops on global economy, as well as examining the links between GM and food security at global and regional levels. The environmental implications of GM are also considered, by comparing pesticide use and efficiency in GM and non-GM countries.

Nov 2018 | HB | 9781789240542 | 246pp
£46.15 | €51.25 | \$61.50



Intellectual Property Issues In Biotechnology

Edited by **Harikesh Bahadur Singh**, Banaras Hindu University, India, **Alok Jha**, International Livestock Research Institute, India, **Chetan Keswani**, Banaras Hindu University, India

This book integrates science and business to provide an introduction and an insider view of intellectual property issues within the biotech industry. Broad in scope, this book covers key principles in pharmaceutical, industrial and agricultural biotechnology within four sections.

Sep 2016 | HB | 9781780646534 | 276pp
£103.50 | €136.10 | \$174.20



Ethical Tensions from New Technology

The Case of Agricultural Biotechnology

Edited by **Harvey S James, Jr**, University of British Columbia, Canada

New technologies can create ethical tensions when there is a conflict of interests, values or rights. One of the key examples of such technology is agricultural biotechnology. This book explores the reasons for those tensions, and potential solutions.

Aug 2018 | HB | 9781786394644 | 194pp
£46.15 | €51.25 | \$61.50



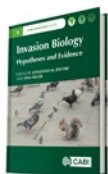


Tourism, Recreation and Invasive Species

Edited by **Anibal Pauchard**, Augustina **Barros**, CONICET, Argentina, **Lisa Rew**, Montana State University, USA, **Ross T Shackleton**, **Jose Cristobal Pizarro Pinochet**, University of Concepción, Chile

This book provides a detailed review on the role of tourism and recreation in promoting biological invasions, and how invasions may affect these activities. It reviews management options and solutions to minimize the impacts from invasive non-native species in relation to tourism.

Dec 2022 | HB | 9781800620452 | 232pp
£95 | €110 | \$130



Invasion Biology Hypotheses and Evidence

Edited by **Jonathan M. Jeschke**, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, and Freie Universität Berlin Germany, **Tina Heger**, University of Potsdam, and Technical University of Munich, Germany

It is largely unknown whether hypotheses describing interactions in biological invasions are backed up by empirical evidence. This book fills that gap by assessing research hypotheses and applying it to a number of invasion hypotheses, using the hierarchy-of-hypotheses (HoH) approach.

Dec 2021 | PB | 9781800621619 | 192pp
£45 | €50 | \$60

Apr 2018 | HB | 9781780647647 | 188pp
£76.90 | €102.50 | \$128.15



Invasive Species and Global Climate Change

2nd Edition

Edited by **Lewis Ziska**, USDA-ARS, USA

This book explores the nexus of climate change and biological invasions, resulting impacts (biological and economic) and assesses ways to reduce vulnerability and increase the resiliency and sustainability of managed and unmanaged ecosystems in the following parts (1) the dimensions of the problem; background and science; (2) case studies; (3) Management: detection and prevention; and (4) management: control and adaptation.

Sep 2022 | HB | 9781800621435 | 304pp
£95 | €110 | \$130



Invasive Birds Global Trends and Impacts

Edited by **Colleen T Downs**, University of KwaZulu-Natal, South Africa, **Lorinda A Hart**, University of Namibia, Namibia

Divided into three sections, this book provides detailed information on the 32 global avian invasive species listed by the Invasive Species Specialist Group (ISSG). It also offers an assessment of avian invasions from a biogeographic perspective, and considers the ecological impacts of these invasive species.

Jan 2021 | HB | 9781789242065 | 400pp
£135 | €160 | \$190





Plant Invasions

The Role of Biotic Interactions

Edited by **Anna Traveset**, Institut Mediterrani d'Estudis Avançats (CSIC-UIB), Spain, **David M Richardson**, Centre for Invasion Biology, South Africa

Invasive species are of great environmental importance but no book before now has explored a key aspect: the nature of species interactions. This book looks at the theories, evidence and practicalities for managing invasions.

Jan 2021 | HB | 9781789242171 | 480pp
£115 | €130 | \$155



Community-Based Control of Invasive Species

Edited by **Paul Martin**, University of New England, Australia, **Theodore R. Alter**, Penn State University, USA, **Donald W. Hine**, University of New England, Australia, **Tanya M. Howard**, University of New England, Australia

A study of how invasive species policies have shifted significantly towards relying upon private citizens and industry to manage established invasive species. The title provides a concentrated source of advanced theoretical knowledge and best practice advice about ways to manage the human dimensions of invasive species.

May 2019 | HB | 9781789242539 | 288pp
£76.90 | €92.25 | \$107.65

World, excluding Aus & NZ



Biological Control in Latin America and the Caribbean

Its Rich History and Bright Future

Edited by **Joop C van Lenteren**, Wageningen University, The Netherlands, **Vanda H P Bueno**, University of Lavras, Brazil, **María Gabriela Luna**, Universidad Nacional de La Plata, Argentina, **Yelitza C Colmenarez**, CABI, Brazil

The book summarizes the history of biological control in Latin America and the Caribbean.

Dec 2019 | HB | 9781789242430 | 550pp
£138.40 | €179.40 | \$230.65



Invasive Species and Human Health

Edited by **Giuseppe Mazza**, Università degli Studi di Firenze, Italy, **Elena Tricarico**, Università degli Studi di Firenze, Italy

This book examines direct effects to human health from invasive species such as bites, wounds and illness and indirect effects via changes induced in the ecosystems. It covers case studies from different taxa (animals and plants) and in developed and developing countries.

Jul 2018 | HB | 9781786390981 | 208pp
£46.15 | €51.25 | \$61.50





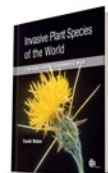
Invasive Alien Plants

Impacts on Development and Options for Management

Edited by **Carol A Ellison**, CABI, UK, **Sean T Murphy**, CABI, UK, **K V Sankaran**, Kerala Forest Research Institute, India

Invasive alien plants pose a major threat to agriculture, the natural environment and livelihoods worldwide and create challenges for development. This book emphasizes the social and economic implications of plant invasion and discusses direct impacts on livelihoods and biodiversity.

Oct 2017 | HB | 9781780646275 | 244pp
£89.70 | €115.80 | \$147.60



Invasive Plant Species of the World

A Reference Guide to Environmental Weeds

2nd Edition

Ewald Weber, University of Potsdam, Germany

Invasive plant species cause severe disruption to natural and managed ecosystems. A full-colour reference guide to the major invasive plants, this book includes over 500 economically and environmentally important species. It provides illustrations, synonyms, geographical distribution, habitats invaded, morphology, ecology and references for each.

Apr 2017 | HB | 9781780643861 | 596pp
£205 | €269.05 | \$337.75





Soil Ecology

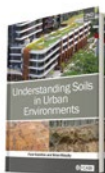
Sina M Adl, University of Saskatchewan, Canada

Soil Ecology is a new textbook which approaches this complex subject using a unique organism-based approach. It is suitable for undergraduate or graduate

level courses in soil microbiology, soil ecology, ecological agriculture, forest management, soil remediation and environmental management, and as a comprehensive resource for professional soil scientists and ecologists.

Nov 2022 | PB | 9781800621336 | 456pp
£55 | €65 | \$75

Nov 2022 | HB | 9781800621329 | 456pp
£120 | €140 | \$160



Understanding Soils in Urban Environments

2nd Edition

Pam Hazelton, University of Technology Sydney Australia, **Brian W Murphy**, Office of Environment and Heritage, Australia

Urban soils provide the foundation for buildings and infrastructure, and the medium for plant growth in fields, parks and gardens. This text recognises and draws attention to the particular nature of soils in urban environments and discusses their distinctive management needs.

Nov 2021 | HB | 9781789249934 | 192pp
£85 | €100 | \$120

World, excluding Aus & NZ



Plants for Soil Regeneration

An Illustrated Guide

Sally Pinhey, Institute of Analytical Plant Illustration, UK, **Margaret Tebbs**, The Natural History Museum, UK

This book gives farmers, growers and gardeners information and a visual guide to the plants which can be used to improve soil quality without the use of agrichemicals.

Mar 2022 | HB | 9781789243604 | 168pp
£55 | €63 | \$75



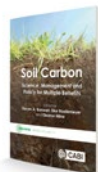
Techniques for Work with Plant and Soil Nematodes

Edited by **Roland N Perry**, University of Hertfordshire, UK, **David J Hunt**, CABI, UK, **Sergei A Subbotin**, California Department of Food and Agriculture, USA

This up-to-date, comprehensive book covers the practicalities of working with and studying soil and plant nematodes. Written by an international team of experts, it includes traditional and new methodologies, as well as sections on behavioural and physiological assays, and cytogenetic, biochemical and molecular biology techniques.

Dec 2020 | HB | 9781786391759 | 312pp
£97.40 | €112.75 | \$133.25





Soil Carbon

Science, Management and Policy for Multiple Benefits

Edited by **Steven A Banwart**, University of Leeds, UK, **Elke Noellemeier**, The National University of La Pampa, Argentina, **Eleanor Milne**, University of Leicester, UK and Colorado State University, USA

Brings together evidence and policy opportunities regarding the importance of soil carbon for sustaining ecosystems services. Covering science and policy background, it describes land management options that improve soil carbon status.

Nov 2019 | PB | 9781786395504 | 420pp
£51.25 | €61.50 | \$71.75

Dec 2014 | HB | 9781780645322 | 420pp
£101.99 | €133.95 | \$192.50



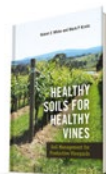
Harnessing Dividends from Drylands

Innovative Scaling up with Soil Nutrients

Edited by **K V Raju**, International Crop Research Institute for Semi-Arid Tropics, India, **Suhas P Wani**, formerly ICRISAT Development Center (IDC), India

This book describes lessons learnt from an innovative scheme in India that improved yields in drylands. It shows how the scheme can be scaled up for other Dryland regions of the world. The scheme uses localised soil nutrient analyses to create an integrated, climate-smart fertilizer and planting plan that maximises yields for farmers.

Sep 2016 | HB | 9781780648156 | 334pp
£125.05 | €163.15 | \$206.90



Healthy Soils for Healthy Vines

Soil Management for Productive Vineyards

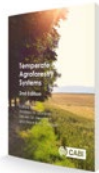
Robert White, University of Melbourne, Australia, **Mark Krstic**, Australian Wine Research Institute, Australia

Healthy Soils for Healthy Vines provides a clear understanding of vineyard soils and

how to manage and improve soil health for best vineyard performance.

Aug 2019 | HB | 9781789243161 | 224pp
£76.90 | €92.25 | \$107.65

World, excluding Aus & NZ



Temperate Agroforestry Systems 2nd Edition

Edited by **Andrew M Gordon**, University of Guelph, Canada, **Steven M Newman**, formerly University of Leeds, UK, **Brent Coleman**, University of Guelph, Canada

Brings together examples of temperate agroforestry. The new edition includes additional chapters on India and Chile, and as a result of ongoing advances in the field, separate chapters on the US, Canada, the UK and continental Europe.

Dec 2021 | PB | 9781780644868 | 272pp
£45 | €60 | \$85

Mar 2018 | HB | 9781780644851 | 326pp
£97.40 | €128.15 | \$164



Field Guide to the Forest Trees of Uganda

For Identification and Conservation

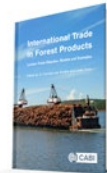
James Kalema, Makerere University, Uganda, **Alan Hamilton**, Kunming Institute of Botany, China

This book is a guide to the identification of the indigenous forest trees of Uganda. It will be useful for those who wish to contribute towards the conservation of the forests or to plant indigenous trees. Information is provided on how to propagate and cultivate about 80 of the most valuable species.

Jun 2020 | HB | 9781789245271 | 296pp
£61.50 | €71.75 | \$87.15



World, excluding Uganda



International Trade in Forest Products

Lumber Trade Disputes, Models and Examples

Edited by **G Cornelis van Kooten**, University of Victoria, Canada, **Linda Voss**, University of Victoria, Canada

This book provides the background theory behind two types of trade models rooted in economic theory and mathematical programming, and two econometric/statistical models. It shows the reader how to construct their own models to analyse policy questions in forestry and other sectors.

Dec 2020 | HB | 9781789248234 | 216pp
£87.15 | €102.50 | \$123



The Silviculture of Trees Used in British Forestry

2nd Edition

Peter S Savill, Chairman of the Trustees of the Sylva Foundation

This book provides concise but detailed information about the silvicultural characteristics of forest trees in Britain, in a readily accessible form. It is an essential text for students of forestry and forest conservation, and practicing foresters.

Apr 2019 | HB | 9781786393920 | 384pp
£97.40 | €117.85 | \$138.40





The Ecology and Silviculture of Oaks 3rd Edition

Paul S Johnson, Formerly US Forest Service, USA, **Stephen R Shifley**, Formerly US Forest Service, USA, **Robert Rogers**, Formerly University of Wisconsin-Stevens Point, USA, **Daniel C. Dey**, US Forest

Service, USA, **John M Kabrick**, US Forest Service, USA

This fully updated third edition is a source of information and ideas on how to think about oak forests as responsive ecosystems. This book is intended for forest and wildlife managers, ecologists, silviculturists, environmentalists, and students of those fields.

Apr 2019 | HB | 9781780647081 | 628pp
£153.75 | €184.50 | \$215.25



The Himalayan Soap Pod Tree (*Gymnocladus assamica*)

An Ecologically and Economically Important Tree on the Brink of Extinction

Baharul I Choudhury, Queen's University, Canada, **Mohammed Latif Khan**, Dr. Hari Singh Gour University, India

This book tells the story of a critically endangered tree species with a unique biological and socio-cultural importance. This is a unique case study showing an example of plant species conservation in action under difficult circumstances.

Oct 2019 | HB | 9781786391988 | 188pp
£97.40 | €117.85 | \$138.40

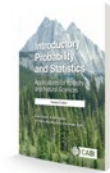


Field Guide for the Identification of Damage on Woody Sentinel Plants

Edited by **Alain Roques**, INRA Orleans, France, **Michelle Cleary**, Swedish University of Agricultural Sciences, Sweden, **Iryna Matsiakh**, Ukrainian National Forestry University, Ukraine, **René Eschen**, CABI, Switzerland

This book is a heavily-illustrated, internationally applicable, practical guide for the identification of likely causal agents of damage to trees and woody shrubs. It is intended for use in sentinel plantings, where agents often may not be known and only damage visible. Contains 800 full colour, high-quality photographs to aid analysis.

Sep 2017 | ePub | 9781789249590
Sep 2017 | ePDF | 9781786394415



Introductory Probability and Statistics

Applications for Forestry and Natural Sciences (Revised Edition)

Robert Kozak, University of British Columbia, Canada, **Antal Kozak**, University of British Columbia, Canada, **Christina**

Staudhammer, University of Alabama, USA, **Susan Watts**, University of British Columbia, Canada

This revised edition of this unique textbook is specifically designed for statistics and probability courses taught to students of forestry and related disciplines.

Sep 2019 | PB | 9781789243307 | 448pp
£46.15 | €56.40 | \$66.65





Woodland Development

A Long-term Study of Lady Park Wood

George Peterken, Independent Researcher, UK, **Edward Mountford**, Independent Advisor, UK

Lady Park Wood in the Wye Valley, UK was set aside as a 'natural' reserve for ecological research in 1944 and the trees, shrubs and ground vegetation have been recorded in detail ever since. This beautifully illustrated book describes 70 years of observations presenting the most detailed records in Europe of how a woodland develops naturally.

Aug 2017 | PB | 9781786392817 | 302pp
£35.90 | €46.15 | \$61.50

Aug 2017 | HB | 9781780648651 | 302pp
£100.45 | €132.15 | \$169.15



Europe's Changing Woods and Forests

From Wildwood to Managed Landscapes

Edited by **Keith Kirby**, Oxford University, UK, **Charles Watkins**, School of Geography, University of Nottingham, UK

This book provides a comprehensive account of the relevance of historical studies to current conservation and management of forests. It combines theory with a series of regional case studies to show how different aspects of forestry play out according to the landscape and historical context of the local area.

Oct 2016 | PB | 9781786391926 | 384pp
£47.50 | €63.35 | \$79.20



Conservation and Management of Tropical Rainforests

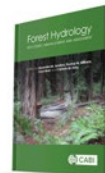
An integrated approach to sustainability

2nd Edition

Eberhard F Bruenig, Formerly of University of Hamburg, Germany

This book describes the principles of integrated conservation and management that lead to sustainability, identifying the phenomena that regulate rainforest processes. Fully revised and updated, it includes biofuels and carbon credits with respect to tropical forests and their inhabitants, features of the forest and socio-cultural ecosystems.

Dec 2016 | HB | 9781780641409 | 420pp
£103.50 | €136.10 | \$195.85



Forest Hydrology

Processes, Management and Assessment

Edited by **Devendra Amatya Thomas Williams Leon Bren**, University of Melbourne, Australia, **Carmen de Jong**, University of Strasbourg, France

This book presents cutting edge thinking and assessments in forest hydrology across all latitudes and terrains, including state-of-the-art modelling techniques and methodologies. It describes challenges facing forest hydrology such as extreme floods, drought, disease, and fire, and is written by an internationally renowned team.

Sep 2016 | HB | 9781780646602 | 308pp
£103.50 | €136.10 | \$174.20





Farmer Innovations and Best Practices by Shifting Cultivators in Asia-Pacific

Edited by **Malcolm Cairns**, Independent scholar and researcher, Thailand

This book, the third of a series, shows how shifting cultivators from the Himalayan

foothills to the Pacific Islands have devised ways to improve their farming systems. It considers the importance of swidden agriculture to food security and livelihoods, and its environmental significance across multiple cultures, crops and forest systems.

Oct 2022 | HB | 9781800620094 | 1100pp
£49.99 | €60 | \$70



Innovation-to-Impact (i2i)

Vincent Amanor-Boadu, University of Lethbridge, Canada, **Peter D Goldsmith**, University of Exeter, UK

This book aims to help innovators on their innovation-to-impact journey. It seeks to help innovators navigate the complex i2i landscape

and prepare for the uncertainties that will confront them on this journey. It also provides innovators (and their supporters) with the tools to track progress.

Jul 2022 | HB | | 120pp
£95 | €110 | \$130



Gender and the political economy of fisheries and aquaculture

Meryl Williams

Fisheries and aquaculture have flourished, yet in the fish value chain, gender equality is declining. The book examines how growth in scale and intensity of the fish sector, changes

in market orientation and gender-blind governance measures may create a human disaster by examining three commodity cases in the value chain: shrimp, tuna and seaweed.

Sep 2022 | HB | 9781789247145 | 200pp
£75 | €115 | \$135



Youth and the Rural Economy in Africa

Hard Work and Hazard

Edited by **James Sumberg**, Institute of Development Studies, UK

There are many accepted views about the role and position of youth in the

African agricultural economy. This book challenges those assumptions by analysing new studies, particularly of gender and social difference. It is a major contribution to current debates and development policy about youth, agriculture and employment in rural Africa.

Apr 2022 | PB | 9781789249828 | 184pp
£40 | €45 | \$55

Apr 2021 | HB | 9781789245011 | 200pp
£95 | €115 | \$130





Gender-responsive Researchers Equipped for Agricultural Transformation

Trainer's Manual for the Gender-Responsive Plant Breeding Course

Margaret Najjingo Mangheni, Makerere University, Uganda, **Hale Ann Tufan**, Cornell University, USA

This manual presents the content and step-by-step training process for the Gender-Responsive Plant Breeding course, implemented by Makerere and Cornell Universities, over a period of five years (2016-2020), under the GREAT project funded by the Bill and Melinda Gates Foundation.

Apr 2022 | ePub | 9781800620513 | 272pp
Apr 2022 | ePDF | 9781800620520 | 272pp



Transforming Tertiary Agricultural Education in Africa

Edited by **David Kraybill**, Ohio State University, USA, **John LynamAdipala Ekwamu**, RUFORUM, Uganda

African agricultural universities are transforming themselves and achieving success in tackling the problems of production agriculture, urbanization and food consumption patterns. Adaptive strategies are creating an internal culture driven by stakeholder needs to improve the quality and relevance of teaching, research and outreach.

Dec 2021 | HB | 9781789246544 | 328pp
£95 | €115 | \$135



Land Governance and Gender The Tenure-Gender Nexus in Land Management and Land Policy

Edited by **Uchendu Eugene Chigbu**, Namibia University of Science and Technology, Namibia

This book offers conceptual and empirical studies of land governance, focusing on land management approaches, land policy issues, advances in pro-poor land tenure, and land-based gender concerns. Topics include creating new understandings, exploring alternative approaches for land management and land tenure and viewing vistas of tenure experiences.

Dec 2021 | HB | 9781789247664 | 248pp
£95 | €115 | \$135



The Fight Against Food Shortages and Surpluses

Perspectives of a Practitioner

John McClintock, ACTION for Food Reserves, Belgium

This book presents a logical argument, rigorously formulated, for practical policy options to fight food shortages and surpluses. It navigates the reader through issues and ideologies surrounding hunger, presents and tests hypotheses with theory and evidence, and concludes with workable policies to address food crises.

Nov 2021 | PB | 9781800621213 | 198pp
£39.99 | €45 | \$55

Oct 2020 | HB | 9781786394842 | 198pp
£97.40 | €112.75 | \$133.25





A Manual for Agribusiness Value Chain Analysis in Developing Countries

Benjamin Dent, University of Queensland, Australia, **Ray Collins**, Emeritus, University of Queensland, Australia

This manual shows how value chain analysis (VCA) principles can be applied in developing countries, where time and funding is often restricted. It explains how to undertake affordable VCA that generate valid data and produce recommendations that will have impact.

Oct 2021 | PB | 9781789249361 | 120pp
£25 | €30 | \$35



Organic Food Systems Meeting the Needs of Southern Africa

Edited by **Raymond Auerbach**, Nelson Mandela University

Reports on recent long-term research trials comparing organic and conventional farming systems in South Africa, which demonstrate a closure of the yield gap between the two systems in three years. Technical tools in organic farming such as farmer training and participatory guarantee systems are also explored in the context of Southern Africa.

Oct 2019 | HB | 9781786399601 | 400pp
£97.40 | €117.85 | \$138.40



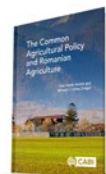
New Land, New Life

A success story of new land resettlement in Bangladesh

Edited by **Andrew Jenkins**, Char Development and Settlement Project (CDSP), Bangladesh, **Natasha Haider**, Euroconsult Mott MacDonald, The Netherlands

The Ganges-Brahmaputra-Meghna delta has newly emerged 'char' islands, which are very vulnerable, socially, institutionally and environmentally. This book explains how the Governments of Bangladesh and the Netherlands cooperated on a land-based rural development project to give settlers security and purpose.

Jun 2020 | PB | 9781789246049 | 118pp
£35.90 | €46.15 | \$51.25



The Common Agricultural Policy and Romanian Agriculture

Jean Vasile Andrei, Petroleum-Gas University of Ploiesti, Romania, **Mihaela Cristina Dragoi**, The Bucharest University of Economic Studies, Romania

The European agricultural policy is an evolving framework. New EU members request modification and adaptation of regulation mechanisms, and agriculture is one of the hottest and most-debated areas. This book looks at the European agricultural model for Romania and considers the gap between existing regulations and the European framework.

Aug 2019 | HB | 9781789242201 | 112pp
£76.90 | €102.50 | \$128.15





Agriculture for Improved Nutrition

Seizing the Momentum

Edited by **Shenggen Fan**, International Food Policy Research Institute (IFPRI), **Sivan Yosef**, IFPRI, **Rajul Pandya-Lorch**

This book reviews research findings, results from on-the-ground programmes, and policy experiences over the past 10 years. It examines the direct and indirect effects of agriculture on nutrition, from biodiversity and crop fortification to programme evaluation and the impact of agricultural policies on consumers' choices and actions.

Jan 2019 | HB | 9781786399311 | 232pp
£87.15 | €112.75 | \$143.50



Rwanda's Land Tenure Reform

Non-existent to Best Practice

Thierry Hoza Ngoga, Consultants for Change Ltd, UK

A decade ago, Rwanda embarked on what was described by many to be an ambitious and unachievable land tenure reform programme. Today Rwanda is proud of what has been achieved, and has become an example for other developing countries. This open access book describes the country's unique success story.

Oct 2018 | ePub | 9781789249606

Oct 2018 | ePDF | 9781786394545



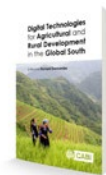
Corporate Social Responsibility

Win-win Propositions for Communities, Corporates and Agriculture

Edited by **Suhas P Wani**, Formerly ICRIASAT Development Center (IDC), India, **K V Raju**, International Crop Research Institute for Semi-Arid Tropics, India

This book, the first of its kind, is based on empirical and science-based evidence from the design and implementation of corporate social responsibility (CSR) activities in rural areas. It covers emerging policies and their implications in India, using eight specially written case studies based on actual practices.

Oct 2018 | HB | 9781786394514 | 264pp
£46.15 | €51.25 | \$61.50



Digital Technologies for Agricultural and Rural Development in the Global South

Edited by **Richard Duncombe**, Global Development Institute, UK

There are many initiatives using mobiles, tablets and other devices that have promise to help farmers and improve livelihoods in the developing world. However, the evidence of their effectiveness so far is limited. This book gives practical examples of initiatives and explores theory and data regarding optimising effectiveness.

Apr 2018 | PB | 9781786394804 | 164pp
£38.45 | €51.25 | \$64.05

Apr 2018 | HB | 9781786393364 | 164pp
£97.40 | €128.15 | \$164





Capacity Building for Sustainable Development

Edited by **Valentine Udoh James**, Clarion University of Pennsylvania, USA

Capacity building is an important concept in development – this book pulls together theoretical and applied approaches and

explains how sustainable outcomes can be achieved for a range of examples.

Apr 2018 | HB | 9781780646169 | 316pp
£46.15 | €51.25 | \$61.50



Sustainable Bamboo Development

Zhu Zhaohua, Formerly Chinese Academy of Forestry, China, **Jin Wei**, International Bamboo and Rattan Organization

This book presents over 40 cases of bamboo development from across 22 major bamboo-industry countries and explores

the knowledge gained from their successes and failures. It synthesises experiences and exchanges with country experts from international training courses, study tours and seminars.

Feb 2018 | HB | 9781786394019 | 314pp
£56.40 | €66.65 | \$76.90



Fair Trade and Organic Agriculture A Winning Combination?

Edited by **Priyanka Parvathi**, Leibniz University Hannover, Germany, **Ulrike Grote**, Leibniz University Hannover, Germany, **Hermann Waibel**, Leibniz University Hannover, Germany

The markets for organic and fair trade commodities are growing rapidly, so it is vital to assess if it is feasible to meet growing demands regarding food safety, quality and ethics through smallholder and marginal producers. This book analyses sustainable development and poverty reduction through global case studies in these areas.

Dec 2017 | HB | 9781786393050 | 208pp
£87.15 | €112.75 | \$143.50



Shifting Cultivation Policies Balancing Environmental and Social Sustainability

Edited by **Malcolm Cairns**, Independent scholar and researcher, Thailand

Shifting cultivation supports around 200 million people in the Asia-Pacific region alone. This book contains a comprehensive analysis of past and present policy, highlighting success and failure and emphasizing the importance of getting it right for the future.

Nov 2017 | HB | 9781786391797 | 1076pp
£42.05 | €57.90 | \$68.60





Gender and Rural Globalization

International Perspectives on Gender and Rural Development

Edited by **Bettina Bock**, Wageningen University, The Netherlands, **Sally Shortall**, Newcastle University, UK

This book explores how rural gender relations are changing in a globalized world. It analyses their development in specific places and the effects of the increasing connectedness and mobility of people. It integrates global experiences by discussing mobility, agriculture, gender identities and international development.

Aug 2017 | HB | 9781780646251 | 360pp
£100.45 | €132.15 | \$169.15

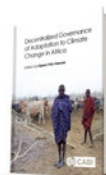


Building Agricultural Extension Capacity in Post-Conflict Settings

Edited by **Paul McNamara**, University of Illinois at Urbana-Champaign, USA, **Austen Moore**, University of Illinois at Urbana-Champaign, USA

This book investigates the experiences and issues involved with rebuilding extension systems in post-conflict settings. It evaluates the impact of different extension policy approaches and practice in such settings, and identifies the key elements needed to effectively rebuild agricultural extension systems and programs in post-conflict contexts.

May 2017 | HB | 9781786390592 | 268pp
£89.70 | €115.80 | \$147.60



Decentralized Governance of Adaptation to Climate Change in Africa

Edited by **Esbern Friis-Hansen**, Danish Institute for International Studies, Denmark

Effective and sustainable climate adaptation requires an understanding of the political processes within sub-national institutions that mediate between national and local practices. This book focuses on the role of district-level institutions in Sub-Saharan Africa in providing an enabling environment for rural climate change adaptation.

Jul 2017 | HB | 9781786390769 | 172pp
£89.70 | €115.80 | \$147.60



Enabling Agri-entrepreneurship and Innovation

Empirical Evidence and Solutions for Conflict Regions and Transitioning Economies

Edited by **Catherine Chan**, University of Hawai'i at Mānoa, USA, **Brent S Sipes**, University of Hawai'i at Mānoa, USA, **Tina Lee**, University of Hawai'i at Mānoa, USA

This book addresses agri-entrepreneurship in conflict and transitional regions, focusing on small agri-business and farms within communities where individuals face conflicts which impact upon their business growth cycle and economic security.

Feb 2017 | HB | 9781780647753 | 224pp
£100.45 | €132.15 | \$169.15





Big Data's Big Potential in Developing Economies

Impact on Agriculture, Health and Environmental Security

Nir Kshetri, The University of North Carolina, USA

Big Data has the power to change all aspects of agriculture, environmental protection and healthcare, especially in developing countries, by allowing new levels of analysis and tailoring of impacts. The capacity to develop infrastructure and the practical implications of data security are examined in depth.

Oct 2016 | HB | 9781780648682 | 236pp
£92.40 | €119.30 | \$152



International Trade and Food Security

The Future of Indian Agriculture

Edited by **Floor Brouwer**, LEI – Wageningen UR, The Netherlands, **P K Joshi**, IFPRI, India

This book explores structural changes in India's agrifood systems during the next ten to twenty years. The dynamics in the agrifood sector is explored in the context of the overall economy, taking into account agricultural and trade policies and their impacts on national and global markets.

Jul 2016 | HB | 9781780642826 | 244pp
£81.30 | €105.60 | \$136.10





Key Questions in Environmental Toxicology

A Study and Revision Guide

J P F D'Mello, formerly Scottish Agricultural College, UK

Questions review the origin, characterization and environmental distribution of major pollutants, followed by their absorption and metabolic disposition in living organisms, and their implications for human morbidity, ecological impact and biodiversity. A selection of questions types and full answer rationales keep learning varied and engaging.

Sep 2022 | PB | 9781789248524 | 296pp
£25 | €23.99 | \$27.99



Key Questions in Animal Behaviour and Welfare

A Study and Revision Guide

Paul A. Rees, formerly University of Salford, UK

This book is a study and revision guide for students following programmes of study in which animal behaviour and welfare is an important component. It contains 600 multiple-choice questions (and answers) set at three levels – foundation, intermediate and advanced.

Mar 2022 | PB | 9781789248975 | 256pp
£19.99 | €23.99 | \$27.99



Key Questions in Urban Pest Management

A Study and Revision Guide

Partho Dhang, Independent Consultant, Philippines, **Philip Koehler**, University of Florida, USA, **Roberto Pereira**, University of Florida, USA, **Daniel D Dye II**, Brooker, Florida, USA

This book is intended as a study and revision guide for students following programmes of study in which urban pest management is an important component. It contains over 500 multiple-choice questions (and answers) set at three levels – foundation, intermediate and advanced.

Mar 2022 | PB | 9781800620155 | 168pp
£19.99 | €23.99 | \$27.99



Key Questions in Hydrology and Watershed Management

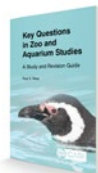
A Study and Revision Guide

Leon Bren, University of Melbourne, Australia, **Patrick Lane**, University of Melbourne, Australia

This study and revision guide for students provides a series of exercises of various types in matters of catchment and watershed management. The exercises are true/false, multiple choice, numeric, graphical, and analytical. Some of the exercises would be suited to being done in class as a type of assignment, others designed for home study.

Nov 2021 | PB | 9781789249682 | 232pp
£19.99 | €23.99 | \$27.99





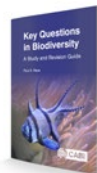
Key Questions in Zoo and Aquarium Studies

A Study and Revision Guide

Paul A. Rees, formerly University of Salford, UK

This book is a study and revision guide for students following programmes of study in which zoo and aquarium biology and management are important components. It contains 500 multiple-choice questions (and annotated answers) set at three levels – foundation, intermediate and advanced.

Sep 2021 | PB | 9781789249002 | 248pp
£19.99 | €23.99 | \$27.99



Key Questions in Biodiversity

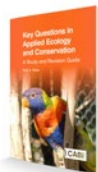
A Study and Revision Guide

Paul A. Rees, formerly University of Salford, UK

This book is a study and revision guide for students following programmes of study in which biodiversity is an important component.

It contains 600 multiple-choice questions (and annotated answers) set at three levels – foundation, intermediate and advanced.

May 2021 | PB | 9781789248630 | 224pp
£19.99 | €23.99 | \$27.99



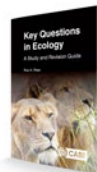
Key Questions in Applied Ecology and Conservation

A Study and Revision Guide

Paul A. Rees, formerly University of Salford, UK

This book is a study and revision guide for students following programmes of study in which applied ecology and conservation are important components. It contains 600 multiple-choice questions (and annotated answers) set at three levels – foundation, intermediate and advanced.

Jan 2021 | PB | 9781789248494 | 232pp
£19.99 | €23.99 | \$27.99



Key Questions in Ecology

A Study and Revision Guide

Paul A. Rees, formerly University of Salford, UK

This book is a study and revision guide for students following programmes of study in which ecology is an important component. It

contains 600 multiple-choice questions (and answers) set at three levels – foundation, intermediate and advanced.

Sep 2020 | PB | 9781789247572 | 232pp
£20.50 | €24.60 | \$28.70





Science Communication Skills for Journalists

A Resource Book for University Faculty in Africa

Edited by **Charles Wendo**, SciDev.Net, Uganda

This book covers science communication skills and provides hands-on guidance together with examples, learning activities, graded and ungraded quizzes to facilitate learning. There are five academic review papers reflecting on key science journalism and communication issues in Africa.

Jul 2022 | PB | 9781800621428 | 208pp



Water Conflicts and Cooperation: a Media Handbook

Edited by **Rasha Dewedar**

This handbook is for journalists, researchers and policy makers working on science communication for water peace and cooperation. It features descriptions of

activities (including action research, training modules, joint workshops, reporting grants, podcast and an online photo campaign) implemented by the Open Water Diplomacy project in the Nile basin.

Nov 2020 | PB | 9781789247954 | 64pp
£20 | €25 | \$30



Presenting Science Concisely

Bruce Kirchoff, University of North Carolina at Greensboro, USA

The focus of this book is on verbal presentations and posters. It begins with best practices, then applies these practices to three-minute talks, posters, elevator pitches and longer presentations. It ends with a discussion audience types and presentation skills.

Nov 2021 | PB | 9781789246995 | 136pp
£19.99 | €25 | \$30



World, excluding Aus & NZ



The Science of Communicating Science

The Ultimate Guide

Craig Cormick, CSIRO, Australia

Are you wishing you knew all you need to know about how to better communicate science, without having to read several hundred academic papers and blogs and books? This highly readable and entertaining book captures the breadth of research into best practice science communications and has distilled it into accessible chapters.

Sep 2019 | PB | 9781789245141 | 256pp
£28.50 | €35.90

EMEA and Asia only

Environmental Impact

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