

# CABI new books



# 2020



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# Welcome to the CABI Books Catalogue 2020

This catalogue contains our recent and forthcoming monographs, textbooks and practitioner titles across our full range of publishing areas.

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## Textbooks



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US publication is **2 months after** UK publication.



## **Insect Pest Management**

3rd Edition

**David R Dent** and **Richard H Binks**

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.

Sep 2020 | PB | 9781789241044 | 344pp  
£49.99 | €65 | \$85

Sep 2020 | HB | 9781789241051 | 344pp  
£125 | €165 | \$205



## **The Fight Against Food Shortages**

Perspectives of a Practitioner

**John McClintock**

This book presents a logical argument, rigorously formulated, for practical policy options to fight food shortages. 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.

Jul 2020 | HB | 9781786394842 | 192pp  
£85 | €110 | \$140



## **Asian Citrus Psyllid**

Biology, Ecology and Management of the Huanglongbing Vector

Edited by **Jawwad A Qureshi** and **Philip A Stansly**

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).

Apr 2020 | HB | 9781786394088 | 272pp  
£95 | €125 | \$160



## **Optical Manipulation of Pests and Beneficial Arthropods**

Edited by **David Ben-Yakir**

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.

May 2020 | HB | 9781786394705 | 350pp  
£85 | €110 | \$140



## **Measuring Food and Nutritional Security**

Policy and Practice

Edited by **Muhammad Khalid Bashir**, **Steven Schilizzi** and **Ghaffar Ali**

Food security is widely seen as a crucial objective for policy to reduce undernutrition, particularly in developing countries. However, there are different views on how best to measure it, with implications for policy priorities. This book examines measurement approaches and their implications.

Apr 2020 | HB | 9781786393616 | 208pp  
£85 | €110 | \$140



## **Methods for Work with Plant and Soil Nematodes**

Edited by **Roland N Perry**, **David J Hunt** and **Sergei A Subbotin**

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.

Aug 2020 | HB | 9781786391759 | 288pp  
£65 | €85 | \$110



## **Biological Control in Latin America and the Caribbean**

Its Rich History and Bright Future

Edited by **J C van Lenteren**, **Vanda HP Bueno**, **M Gabriela Luna** and **Yelitza C Colmenarez**

The book summarizes the history of biological control in Latin America and the Caribbean. It details successes and failures, current practices and future opportunities for each country.

Dec 2019 | HB | 9781789242430 | 520pp  
£135 | €175 | \$225



## **New Land, New Life**

A success story of new land resettlement in Bangladesh

Edited by **Andrew Jenkins** and **Natasha Haider**

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.

Dec 2019 | PB | 9781789246049 | 198pp  
£35 | €45 | \$60



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**Organic Food Systems**  
Meeting the Needs of Southern Africa

Edited by **Raymond Auerbach**

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 | 272pp**  
**£95 | €115 | \$135**



**Endophyte Biotechnology**  
Potential for Agriculture and Pharmacology

Edited by **Alexander Schouten**

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 | 208pp**  
**£85 | €110 | \$140**



**Urban Insect Pests**  
Sustainable Management Strategies

Edited by **Partho Dhang**

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**  
**£45 | €55 | \$65**

**Sep 2014 | HB | 9781780642758 | 260pp**  
**£89.99 | €117 | \$170.95**

NEW IN  
PAPERBACK



**Soil Carbon**  
Science, Management and Policy for Multiple Benefits

Edited by **Steven A Banwart, Elke Noellemeier and Eleanor Milne**

This book brings together the essential evidence and policy opportunities regarding the global importance of soil carbon for sustaining essential ecosystems services. Covering the science and policy background for this important natural resource, it describes land management options that improve soil carbon status.

**Oct 2019 | PB | 9781786395504 | 420pp**  
**£50 | €60 | \$70**

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

NEW IN  
PAPERBACK



**The Economics of Integrated Pest Management of Insects**

Edited by **David W Onstad and Philip Crain**

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**  
**£85 | €100 | \$120**



**The Science of Communicating Science**

The Ultimate Guide

**Craig Cormick**

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**  
**£27.50 | €35**

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**The Common Agricultural Policy and Romanian Agriculture**

**Jean Vasile Andrei and Mihaela Cristina Dragoi**

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**  
**£75 | €100 | \$125**



**GM Agriculture and Food Security Fears and Facts**

**Stuart Smyth, William A Kerr and Peter W B Phillips**

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**  
**£39.99 | €55 | \$65**

**Aug 2019 | HB | 9781786392213 | 184pp**  
**£95 | €125 | \$160**



**Healthy Soils for Healthy Vines**  
Soil Management for Productive Vineyards  
**Robert White** and **Mark Krstic**

*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**  
**£75 | €90 | \$105**

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**Biology and Management of Bactrocera and Related Fruit Flies**  
**Anthony R Clarke**

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**  
**£75 | €100 | \$125**

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**Agriculture for Improved Nutrition**  
**Seizing the Momentum**

Edited by **Shenggen Fan, Sivan Yosef** and **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**  
**£85 | €110 | \$140**

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### Practical R for Biologists

Donald Quicke, Buntika A Butcher and Rachel Kruff Welton

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.

Nov 2020 | PB | 9781789245349 | 240pp  
£35 | €42 | \$49



### Climate Change Impacts and Sustainability Ecosystems of Tanzania

Edited by PZ Yanda, CG Mung'ong'o and Edmund Mabhuye

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.

Apr 2020 | HB | 9781789242966 | 264pp  
£95 | €125 | \$160



### Plant Invasions The Role of Biotic Interactions

Edited by Anna Traveset and David M Richardson

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.

Aug 2020 | HB | 9781789242171 | 312pp  
£95 | €125 | \$160



### Invasive Birds Global Trends and Impacts

Edited by Colleen T Downs and Lorinda A Hart

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.

May 2020 | HB | 9781789242065 | 384pp  
£125 | €150 | \$175



### Urban Ecology Its Nature and Challenges

Edited by Pedro Barbosa

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

Jun 2020 | HB | 9781789242607 | 224pp  
£85 | €110 | \$140



### Economic and Ecological Entomology

A Global Synthesis  
Brian Freeman

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.

Jun 2020 | HB | 9781789241181 | 784pp  
£195 | €255 | \$320



### Field Guide to the Forest Trees of Uganda

2nd Edition

James Kalema and Alan Hamilton

This book is a guide for 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.

Feb 2020 | HB | 9781789245271 | 200pp  
£60 | €70 | \$85

Rights: World, excl. Uganda



### Transcriptomics in Entomological Research

Edited by Matan Shelomi

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

Dec 2019 | HB | 9781789243130 | 224pp  
£95 | €125 | \$160





### Courtship and Mating in Butterflies

**Raymond JC Cannon**

This book presents a readable account of butterfly behaviour, based on field observations, great photographs and the latest research.

**Dec 2019 | HB | 9781789242638 | 384pp  
£95 | €125 | \$160**



### Forest Genomics and Biotechnology

**Matias Kirst and Rick Meilan**

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 | 280pp  
£85 | €110 | \$140**



### Insect Conservation

**A Global Synthesis**

**Michael J Samways**

Insects are vast in their variety. They are also so numerous that they are major players in shaping the world as we know it. This comprehensive text provides an essential

read for students, researchers, policy makers and practitioners working in insect conservation.

**Nov 2019 | PB | 9781789241679 | 600pp  
£55 | €70 | \$90**



**Nov 2019 | HB | 9781789241686 | 600pp  
£95 | €165 | \$205**



### A Handbook of Environmental Toxicology

**Human Disorders and Ecotoxicology**

**Edited by J P F D'Mello**

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.

**Nov 2019 | HB | 9781786394675 | 608pp  
£195 | €255 | \$320**



### The Himalayan Soap Pod Tree (*Gymnocladus assamica*)

**An Ecologically and Economically Important Tree on the Brink of Extinction**

**Baharul I Choudhury and Mohammed Latif Khan**

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 | 200pp  
£95 | €125 | \$160**



### Climate Change Impact and Adaptation in Agricultural Systems

**Edited by Jurg Fuhrer and P J Gregory**

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.

**Oct 2019 | PB | 9781786395351 | 298pp  
£45 | €55 | \$65**

**Jun 2014 | HB | 9781780642895 | 298pp  
£89.99 | €117 | \$170.95**



### Biological Control of Plant-parasitic Nematodes

**Soil Ecosystem Management in Sustainable Agriculture  
2nd Edition**

**Graham R Stirling**

This book integrates soil health, sustainable agriculture, nematode ecology and suppressive services provided by the soil food web to provide holistic solutions. With particular focus on integrated soil biology management, it describes how to enhance the activity of natural enemies and use soil biological processes to reduce losses from nematodes.

**Oct 2019 | PB | 9781786395337 | 536pp  
£65 | €80 | \$90**

**May 2014 | HB | 9781780644158 | 536pp  
£133.99 | €177 | \$257.50**



### Transition Pathways towards Sustainability in Agriculture

**Case Studies from Europe**

**Edited by Lee-Ann Sutherland, Ika Darnhofer, Geoff Wilson and Lukas Zagata**

This book focuses on understanding farm-level transitions in Europe. Using case studies from various countries in the EU it adopts a novel analytical approach based on transition management theory and discusses the importance of understanding transition pathways towards sustainability in European agriculture at a time of economic recession.

**Oct 2019 | PB | 9781786395474 | 246pp  
£40 | €50 | \$55**

**Nov 2014 | HB | 9781780642192 | 246pp  
£85.50 | €112 | \$160.95**







## Invasive Species and Global Climate Change

Edited by **Lewis Ziska** and **Jeffery Dukes**

This book examines what will happen to global invasive species, including plants, animals and pathogens with current and expected man-made climate change. The effects on distribution, success, spread and impact of invasive species are considered for a series of case studies from a number of countries.

Oct 2019 | PB | 9781786395399 | 366pp  
£50 | €60 | \$70

Aug 2014 | HB | 9781780641645 | 368pp  
£101.99 | €133.95 | \$192.50

NEW IN  
PAPERBACK



## Introductory Probability and Statistics

Applications for Forestry and Natural Sciences (Revised Edition)

**Robert Kozak, Antal Kozak, Christina Staudhammer** and **Susan Watts**

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  
£45 | €60 | \$75



## Community-Based Control of Invasive Species

Edited by **Paul Martin, Theodore R Alter, Donald W Hine** and **Tanya M Howard**

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  
£75 | €90 | \$105

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## Modelling Nature

An introduction to mathematical modelling of natural systems

**Edward Gillman** and **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  
£45 | €60 | \$75

May 2019 | HB | 9781786393104 | 280pp  
£95 | €125 | \$160



## The Discovery of a Visual System – The Honeybee

**Adrian Horridge**

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  
£85 | €110 | \$140



## The Silviculture of Trees Used in British Forestry

3rd Edition

**Peter S Savill**

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  
£95 | €125 | \$160



## The Ecology and Silviculture of Oaks

3rd Edition  
**Paul S Johnson, Stephen R Shifley, Robert Rogers, Daniel C Dey** and **John M Kabrick**

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  
£150 | €195 | \$250



## Finding Resilience

Change and Uncertainty in Nature and Society

**Brian Walker**

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  
£39.99 | €55 | \$65

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## The Handbook of Phytosanitary Risk Management

Charles Yoe, Stephanie Bloem, Christina Devorshak and Robert Griffin

Phytosanitary risk management is essential to the global economy. This book is about managing phytosanitary risks of trade and non-trade issues and the fundamentals of how to manage those risks in an effective and efficient manner. It covers risk management models, best practice, phytosanitary measures and current risk management issues.

Nov 2020 | HB | 9781780648798 | 464pp  
£195 | €255 | \$320



## Plant Pathology and Plant Diseases

Anne Marte Tronsmo, Lisa Munk, Annika Djurle, Arne Tronsmo, Jonathan Yuen and David B Collinge

This new textbook provides a comprehensive introduction to all aspect of plant diseases, including pathogens, plant-pathogen interactions, their management, and future perspectives.

Jun 2020 | PB | 9781789243178 | 344pp  
£45 | €60 | \$75

Jun 2020 | HB | 9781789243185 | 344pp  
£100 | €130 | \$165



## Quantitative Genetics, Genomics and Plant Breeding

2nd Edition

Edited by Manjit S Kang

Quantitative genetics and breeding have made a major contribution to crop improvement over the years, but the genomics revolution has dramatically changed the field – this second edition of a popular book explains how traditional and genomic techniques have been combined to advance the field.

Mar 2020 | HB | 9781789240214 | 360pp  
£105 | €140 | \$175



## Biotechnology of Fruit and Nut Crops

2nd Edition

Edited by Richard E Litz, Fernando Pliego-Alfaro and Jose Ignacio Hormaza

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.

Dec 2019 | HB | 9781780648279 | 750pp  
£195 | €255 | \$320



## Plant-derived Pharmaceuticals

Principles and Applications for Developing Countries

Edited by Kathleen L Hefferon

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  
£40 | €50 | \$55

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

NEW IN PAPERBACK



## Transgenic Insects

Techniques and Applications

Edited by Mark Quentin Benedict

Insect transgenesis promises improvements in agriculture, pharmaceuticals and public health. This book discusses the latest insect transgenesis technology and its applications. It considers the larger risks, social and economic aspects of transgenic insects whose value must be proven in political, regulatory and public acceptance arenas.

Oct 2019 | PB | 9781786395436 | 398pp  
£50 | €60 | \$70

Oct 2014 | HB | 9781780644516 | 398pp  
£101.99 | €133.95 | \$192.50

NEW IN PAPERBACK



## Plant Adaptation to Environmental Change

Significance of Amino Acids and their Derivatives

Edited by Naser A Anjum, Sarvajeet Singh Gill and Ritu Gill

Plants constantly cope with unfavourable ecosystem conditions, preventing them reaching full genetic potential for growth, development and productivity. This book covers plants' responses to environmental changes, gathering the most recent developments, it is an important resource for researchers and students of crop stress and plant physiology.

Oct 2019 | PB | 9781786395252 | 344pp  
£60 | €70 | \$85

Jan 2014 | HB | 9781780642734 | 344pp  
£123.50 | €160 | \$235.95

NEW IN PAPERBACK



## Plants as a Source of Natural Antioxidants

Edited by Nawal Kishore Dubey

A comprehensive overview of the health effects of plant based antioxidants, this book reviews medicinal and aromatic plants from around the world. It covers the different sources of antioxidants, the role of abiotic and biotic stresses, endophytes, transgenic approaches in scavenging ROS and antioxidant plants used in different therapeutic systems.

Oct 2019 | PB | 9781786395566 | 318pp  
£45 | €55 | \$65

Dec 2014 | HB | 9781780642666 | 318pp  
£89.99 | €117 | \$170.95

NEW IN PAPERBACK



### Field Trials in Oil Palm Breeding A Manual

**Baihaqi Sitepu, Umi Setiawati,  
Fazrin Nur, Nur D Laksono,  
Yassier Anwar, Pujo Widodo,  
Brian P Forster and Abdul R Purba**

This is a hands-on, practical guide to describe field trials in oil palm. The location for field trials is key, as is land preparation.

Nov 2019 | PB | 9781789241396 | 96pp  
£25 | €30 | \$35



### Trichoderma: Ganoderma Disease Control in Oil Palm A Manual

**Ike Virdiana, Miranti Rahmaningsih,  
Brian P Forster, Monika Schmolli and  
Julie Flood**

This is a hand-on practical guide to the use of *Trichoderma* as a biocontrol for *Ganoderma* disease in oil palm plantations. The manual provides background information on the benefits of *Trichoderma* fungi as well as on *Ganoderma* (Basal Stem Rot), the most devastating disease of oil palm in South East Asia.

Sep 2019 | PB | 9781789241457 | 120pp  
£19.99 | €25 | \$30



### Nursery Practices in Oil Palm A Manual

**Nur D Laksono, Umi Setiawati,  
Fazrin Nur, Miranti Rahmaningsih,  
Yassier Anwar, Heru Rusfiandi,  
Eben Haeser Sembiring, Brian P Forster,  
Avasarala Sreenivasa Subbarao  
and Hafni Zahara**

This is a practical guide which general and specific practices in oil palm nurseries to produce healthy, vigorous and uniform plants ready for field planting. Oil palm is the world's top oil crop.

Aug 2019 | PB | 9781789242140 | 120pp  
£25 | €30 | \$35



### Bunch and Oil Analysis of Oil Palm A Manual

**Pujo Widodo, Fazrin Nur, Evi Nafisah,  
Brian P Forster and Hasrul Abdi Hasibuan**

This is a practical guide which describes physical bunch and oil analysis of oil palm bunches. Oil palm is the world's top oil crop and bunch and oil analysis laboratories are set up at oil mills to assess production, yield potential of plantations and oil extraction rates relative to targets.

May 2019 | PB | 9781789241365 | 104pp  
£19.99 | €25 | \$30



### Pesticide Risk Assessment

**Sumitra Arora**

This book reviews the environmental risks of pesticides and their mixtures, their method of estimation and assessment, and their regulation. Beginning with an overview of pesticide toxicity and risk

assessment, it covers historical background, environmental impact, methodology, diagnostic and assessment tools, and legislation.

Apr 2019 | HB | 9781780646336 | 358pp  
£105 | €140 | \$175



### The Economics of Soybean Disease Control

**Kenneth Zahringer,  
Nicholas Kalaitzandonakes  
and James Kaufman**

Although soybean is a major global crop, it suffers significant losses often because of an incomplete understanding of the extent of soybean diseases, and the feasibility and benefits of disease control. This book covers evidence on disease incidence and severity, management strategies and new technologies.

Apr 2019 | HB | 9781780648088 | 220pp  
£95 | €125 | \$160



### Biopesticides Manual Guidelines for Selecting, Sourcing, Producing and Using Biopesticides for Key Pests of Tobacco

**Keith A Holmes, Dirk Babendreier,  
Melanie Bateman, Malvika Chaudhary,  
Julien Grunder, Margaret Mulaa,**

**Léna Durocher-Granger and Muhammad Faheem**

A hands-on training guide on biopesticides, to promote sustainable solutions for managing pests, such as microbials, botanicals, semiochemicals, predators and parasitoids.

Feb 2019 | PB | 9781789242027 | 158pp  
£25 | €32 | \$40



### Halophytes and Climate Change Adaptive Mechanisms and Potential Uses

Edited by **Mirza Hasanuzzaman,  
Sergey Shabala and Masayuki Fujita**

This book contains current knowledge and up-to-date developments in the field of halophyte biology, ecology and potential uses. It explores the adaptive mechanisms of halophytes that allow them to grow in environments unsuitable for conventional crops and considers their role as a source of food, fuel, fodder, fibre, essential oils and medicines.

Feb 2019 | HB | 9781786394330 | 400pp  
£145 | €190 | \$240



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### Protected Cultivation and Hydroponic Culture

A Practical Guide

Lynette Morgan

A comprehensive, practical text which covers a diverse range of protected cropping and hydroponic techniques, systems, greenhouse types and environments. It also covers related subjects such as the use of indoor plant factories, vertical hydroponic systems, organic hydroponics, aquaponic and other systems.

Dec 2020 | HB | 9781789244830 | 320pp  
£45 | €60 | \$75



### The Constituents of Medicinal Plants

3rd Edition

Andrew Pengelly

Pengelly's book is a classic in the literature of herbal medicine. It is an easy to understand introduction to the chemistry of medicinal plants. This new edition contains six new chapters incorporating topics of contemporary interest, including cannabinoids, mushroom polysaccharides and mycochemistry, and toxicology of phytochemicals.

Oct 2020 | PB | 9781789243079 | 256pp  
£25 | €32.50 | \$41.25



### The Pomegranate

Botany, Production and Uses

Edited by Ali Sarkhosh, Zabihollah Zamani and Ali-Mohammad Yavari

Pomegranate cultivation is increasing considerably worldwide for fresh consumption, juice production and medicinal purposes. This is the first comprehensive book by an international team of experts at the fore front of research and provides insights and experiences covering botany, production, processing, health and industrial uses of the fruit.

Sep 2020 | HB | 9781789240764 | 448pp  
£135 | €175 | \$225



### Papaya

Botany, Production and Uses

Edited by Sisir Mitra and Jorge Manuel Santamaria-Fernandez

Global papaya production has grown significantly over the last few years, mainly as a result of increased production in India. This is the first comprehensive book authored by an international team of experts at the forefront of research and covers botany, biotechnology, production, postharvest physiology and processing.

Jun 2020 | HB | 9781789241907 | 360pp  
£125 | €165 | \$205



### Cut Flowers of the World

Revised Edition

Johannes Maree and Ben-Erik van Wyk

This full-colour photographic guide describes and illustrates more than 350 different species of commercially grown flowers, foliage and potted flowers.

Jan 2020 | HB | 9781789241334 | 416pp  
£39.99 | €50 | \$55

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### Food Plants of the World

Identification, Culinary Uses and Nutritional Value

Ben-Erik van Wyk

This revised edition is an indispensable reference guide for anyone interested in the botanical origin of food ingredients and flavours.

Jul 2019 | HB | 9781789241303 | 520pp  
£49.99 | €59.99 | \$69.99

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### Food Gardens for a Changing World

Daniela Soleri, David A Cleveland and Steven E Smith

We are facing worldwide climatic, environmental and social changes, and food gardens are one increasingly popular strategy being explored to address these impacts.

This book presents the basic biological, ecological and social concepts related to food gardening, and how to use those to address the changes we are facing.

Jun 2019 | PB | 9781789240993 | 328pp  
£45 | €60 | \$75

Jun 2019 | HB | 9781789240986 | 328pp  
£95 | €125 | \$160



### The Physiology of Vegetable Crops

2nd Edition

Edited by Hans Christian Wien and Hartmut Stützel

This is a new edition of a popular title, providing enhanced understanding of the growth and function of 18 different vegetable crops. It is fully revised with new chapters on models and the effects of climate change; now presented in full colour throughout.

Mar 2020 | HB | 9781786393777 | 496pp  
£150 | €180 | \$210





## Fruit Ripening

Physiology, Signalling and Genomics

Edited by **Pravendra Nath**,  
**Mondher Bouzayen**, **Autar K Mattoo**  
and **Jean Claude Pech**

There are many new developments in knowledge of the factors affecting fruit ripeness, and this monograph is a comprehensive account covering the latest molecular mechanisms regulating fruit ripening, its impact on human nutrition and emerging research and technologies.

Oct 2019 | PB | 9781786395375 | 332pp  
£50 | €60 | \$70

Jul 2014 | HB | 9781845939625 | 332pp  
£101.99 | €133.95 | \$192.50

NEW IN  
PAPERBACK

## Crop Production Science in Horticulture series



### Strawberries

2nd Edition

**James F Hancock**

This new and updated edition provides a broad, balanced review of the scientific knowledge of strawberries and their cultivation.

Sep 2020 | PB | 9781789242270 | 280pp  
£45 | €60 | \$75



### Sweet Cherries

**Lynn Long**, **Gregory Lang**, **Clive Kaiser**

This book provides comprehensive coverage of the history, genetic improvements, production physiology of growth and cropping, orchard establishment and management, and harvesting for sustainable cherry production. Sweet cherries are a speciality crop, subject to significant production risk for growers.

Aug 2020 | PB | 9781786398284 | 304pp  
£45 | €60 | \$75



### Carrots and Related Vegetable Apiaceae

2nd Edition

Edited by **Emmanuel Geoffriau**  
and **Philip W Simon**

Fully updated with new content and full-colour figures throughout, the second edition of

this successful book reflects developments and growth in our knowledge of carrots and related crops. It covers the scientific basis of their biology and production, with updated technical crop management content.

Jul 2020 | PB | 9781789240955 | 288pp  
£45 | €60 | \$75



### Cucurbits

2nd Edition

**Todd C Wehner**, **Rachel Naegele**,  
**James Myers**, **Kevin Crosby** and  
**Narinder P S Dhillon**

Completely updated with new content and full-colour figures, this new edition provides succinct and authoritative knowledge relating to the production of cucurbits, including cucumbers, gourds, muskmelons, pumpkins, squashes and watermelons, and reflects on significant recent advances in the areas of production, breeding and evolution.

Feb 2020 | PB | 9781786392916 | 288pp  
£45 | €60 | \$75



### Citrus

2nd Edition

**Lukasz L Stelinski**, **L Gene Albrigo**  
and **Lavern W Timmer**

Covers the biology and cultivation of citrus, considering the industry from an international perspective. This updated edition includes

new findings of advances in molecular approaches to taxonomic studies, cultivars, physiological understanding of key citrus fruits and environmental factors affecting fruit quality.

Aug 2019 | PB | 9781845938154 | 324pp  
£49.99 | €65 | \$85



### Tropical Roots and Tuber Crops

**Cassava**, **sweet potato**, **yams** and **aroids**  
2nd Edition

**Vincent Lebot**

Root and tuber crops are important to agriculture, food security and income for 2.2 billion people in developing countries. This is an update of this popular title in the Crop Production Science in Horticulture series, originally published in 2009.

Nov 2019 | PB | 9781789243369 | 560pp  
£60 | €70 | \$85

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### Reconciling Microbial Systematics

Edited by **Paul Dennis Bridge, David Smith** and **Erko Stackebrandt**

Methods in microbial systematics have developed and changed significantly in the last 40 years. This book will provide an overview of new methodologies and wider

information sources to provide accurate identifications, in the context of current microbial systematic concepts.

**Dec 2020 | HB | 9781789244984 | 400pp**  
**£115 | €150 | \$190**



### Antimicrobial Stewardship for Nursing Practice

Edited by **Molly Courtenay** and **Enrique Castro-Sánchez**

With antimicrobial resistance on the rise, appropriate stewardship is more important than ever. This textbook, the first written by nurses for nurses, provides a clear and concise approach to good practice.

**Jan 2020 | PB | 9781789242690 | 160pp**  
**£19.99 | €25.99 | \$32.99**



### Communicable Diseases

**A Global Perspective**  
**6th Edition**

**Roger Webber**

This well-established textbook provides a comprehensive account of diseases and their transmission, covering epidemiology, control strategies, notifications and regulations. Reviewing the major diseases established, new, and emerging, this new edition includes updates on human endogenous viruses, zika, monkeypox, vaccination, melioidosis and more.

**Nov 2019 | PB | 9781786395245 | 368pp**  
**£39.99 | €55 | \$75**



### Planetary Health

**Human Health in an Era of Global Environmental Change**

**Jennifer Cole**

Planetary Health – the idea that human health and the health of the environment are inextricably linked – promotes the preservation of natural systems for the benefit of human health. This book reviews the varied approaches to the subject, as well as providing case study chapters on the main links between human health and environmental change.

**Jun 2019 | PB | 9781789241648 | 168pp**  
**£30 | €40 | \$50**



### Bacterial Pili

**Structure, Synthesis and Role in Disease**

Edited by **Michele A Barocchi** and **John L Telford**

Bacterial pili enable bacteria to interact with the environment, surfaces and other bacteria and host cells. This book discusses

the synthesis, structure, evolution, function and role in pathogenesis of these complex structures, and their basis for vaccine development and therapeutics for Streptococcus pathogens.

**Oct 2019 | PB | 9781786395283 | 220pp**  
**£45 | €55 | \$65**

**Apr 2014 | HB | 9781780642550 | 220pp**  
**£89.99 | €117 | \$170.95**



### The Human Microbiota and Microbiome

Edited by **Julian R Marchesi**

This book provides a research-level review of the current understanding of human microbiomes, functions they bring to the host, how we can model them, their role in health and disease, and exploration methods. It also covers current, hot-topic research in areas such as the long-term effects of antibiotics.

**Oct 2019 | PB | 9781786395320 | 208pp**  
**£45 | €55 | \$65**

**May 2014 | HB | 9781780640495 | 208pp**  
**£89.99 | €117 | \$170.95**



### Dengue and Dengue Hemorrhagic Fever

**2nd Edition**

Edited by **Duane J Gubler, Eng Eong Ooi, Goro Kuno, Subhash Vasudevan** and **Jeremy Farrar**

Over 20,000 deaths are associated with dengue virus infections yearly, and DF/DHF is globally one of the most important emerging tropical diseases. This updated edition gathers leading research and clinical scientists to review the latest findings on dengue virus biology, epidemiology, entomology, therapeutics, vaccinology and clinical management.

**Oct 2019 | PB | 9781786395382 | 624pp**  
**£50 | €60 | \$70**

**Aug 2014 | HB | 9781845939649 | 624pp**  
**£144 | €187.50 | \$272.95**



### Phytochemicals of Nutraceutical Importance

Edited by **Dhan Prakash** and **Girish Sharma**

This book covers a wide spectrum of human health and diseases including the role of phytonutrients in prevention and treatment. It includes the biological and clinical effect, molecular level approach, quality assurance, bioavailability and metabolism of a number of phytochemicals and their role in combating different diseases.

**Oct 2019 | PB | 9781786395276 | 376pp**  
**£65 | €80 | \$90**

**Feb 2014 | HB | 9781780643632 | 376pp**  
**£133.99 | €177 | \$257.50**





### Metabolomics and Systems Biology in Human Health and Medicine

Edited by **Oliver AH Jones**

This book provides an introduction to medical metabolomics and systems biology, and demonstrates how they have been applied to studies in medicine and human health, including nutrition and pathogenic microorganisms. Focusing on diagnosis, pathology and aetiology of disease, it provides a reference in how to use metabolomics for medical research.

**Oct 2019 | PB | 9781786395429 | 206pp  
£45 | €55 | \$65**

**Oct 2014 | HB | 9781780642000 | 206pp  
£89.99 | €117 | \$170.95**

NEW IN PAPERBACK



### Natural Environments and Human Health

**Alan Ewert, Denise Mitten and Jill Overholt**

The role natural environments play in human health and wellbeing is attracting increasing attention. This book examines the history of natural environments used for stress-reduction, enjoyment, aesthetics and catharsis, and traces the development of connections between humans and environment, and how they impact our personal and collective health.

**Oct 2019 | PB | 9781786395290 | 248pp  
£40 | €50 | \$55**

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£80 | €107 | \$155.50**

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### **Sustainable Food Systems African Indigenous Vegetables**

Edited by **Wolfgang Bokelmann**  
and **Zoltan Ferenczi**

This book takes a transdisciplinary approach to the creation of usable knowledge in the area of sustainable food systems and

African Indigenous Vegetables and includes hands-on recommendations for decision-makers and food security researchers. Covers the key results of the HORTINLEA research project addressing food security in East Africa.

**Jul 2020 | HB | 9781789241969 | 240pp  
£95 | €125 | \$160**



### **Consumer Behaviour in Food and Healthy Lifestyle**

**A Global Perspective**

**Isaac K Ngugi, Helen O'Sullivan  
and Hanaa Osman**

This book is an essential resource exploring the concepts, theories and methods in

consumer behaviour specifically applicable to the food and drink sector. Drawing examples from all continents, it provides accessible coverage and a truly global perspective of the particular characteristics of this industry.

**Jun 2020 | PB | 9781786392886 | 240pp  
£35 | €40 | \$50**



**Jun 2020 | HB | 9781786392879 | 240pp  
£85 | €100 | \$120**



### **The Professional Handbook of Cider Tasting**

**Travis Robert Alexander** and  
**Brianna L Ewing Valliere**

The cider industry is growing rapidly and this is a core, research-based text for understanding both the theory and practice

of effectively evaluating the sensory properties of cider. It is a comprehensive book for industry and researchers to characterize cider using a standard, quantifiable metric.

**Dec 2019 | PB | 9781789245493 | 96pp  
£30 | €35 | \$40**



### **Tropical Tuber Starches Structural and Functional Characteristics**

**S N Moorthy, M S Sajeev, R P K Ambrose  
and R J Anish**

Comprehensively exploring the morphological, structural and functional characteristics of tropical tuber starches,

particularly in relation to their applications in food and industry, this book is suitable for academic and commercial researchers interested in starch, students in food and plant sciences, and plant breeders.

**Nov 2019 | HB | 9781786394811 | 256pp  
£105 | €140 | \$175**



### **Home Parenteral Nutrition 2nd Edition**

Edited by **Federico Bozzetti,**  
**Michael Staun** and **Andre Van Gossum**

Home parenteral nutrition (HPN) is the intravenous administration of nutrients carried out in the patient's home. This book analyses

current practices in HPN, covering epidemiology of HPN across the UK and Europe, USA and Australia, its role in the treatment of clinical conditions, as well as ethical and legal aspects and patient quality of life.

**Oct 2019 | PB | 9781786395528 | 488pp  
£60 | €70 | \$85**

**Nov 2014 | HB | 9781780643113 | 488pp  
£123.50 | €160 | \$235.95**

**NEW IN  
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### One Health

The Theory and Practice of Integrated Health Approaches  
2nd Edition

Edited by **Jakob Zinsstag, Esther Schelling, Lisa Crump, Maxine Whittaker, Marcel Tanner** and **Craig Stephen**

One Health has now expanded beyond discussion of emerging infectious diseases and zoonoses. Retaining its interdisciplinary focus, this new edition includes more non-infectious disease issues and climate change discussion alongside revised case studies and expanded methodology chapters to draw out implications for practice.

Nov 2020 | HB | 9781789242577 | 456pp  
£125 | €165 | \$205



### Paratuberculosis

Organism, Disease, Control  
2nd Edition

Edited by **Marcel A Behr, Karen Stevenson** and **Vivek Kapur**

This new edition is the only comprehensive text on Paratuberculosis, providing historical context and state-of-the-art knowledge. It examines epidemiology, the organism that causes the disease, and practical aspects of its diagnosis and control, as well as the link between paratuberculosis in the food chain and human health implications.

Jul 2020 | HB | 9781789243413 | 376pp  
£115 | €150 | \$190



### Asking Animals: An Introduction to Animal Behaviour Testing

**Birte L Nielsen**

This book gives an introduction to the use of behaviour tests applied to animals. By including illustrative examples from a variety of species, it aims to inspire the

animal scientist to think about what a given behavioural test can be used for and how the results can be interpreted.

Apr 2020 | PB | 9781789240610 | 232pp  
£35 | €45 | \$60

Apr 2020 | HB | 9781789240603 | 208pp  
£75 | €100 | \$125

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### Introduction to Animal and Veterinary Anatomy and Physiology

4th Edition

**Victoria Aspinall** and **Melanie Cappello**

This bestselling title, now in its fourth edition, provides a comprehensive description of the anatomy and physiology of the most commonly encountered companion and farm animals. It covers the systematic anatomy and physiology of dogs and cats, exotic small species including birds, and domestic farm animals including the horse.

Dec 2019 | PB | 9781789241150 | 304pp  
£35 | €45 | \$60



### Mental Health and Well-being in Animals

2nd Edition

Edited by **Franklin D McMillan**

The second edition is fully revised, expanded, and updated with the most current knowledge about the full array of mental health

issues seen in animals. Written by key opinion leaders and internationally-recognized, it covers basic principles of mental wellness, emotional distress, suffering and mental illness, through to measurement and treatment.

Nov 2019 | HB | 9781786393401 | 384pp  
£75 | €100 | \$125



### 555 Questions in Veterinary and Tropical Parasitology

**Hany Elsheikha** and **Xing-Quan Zhu**

This book covers the most highly important and the most neglected parasites in a concise manner, with questions on parasite biology, epidemiology, diagnostics and management, all in relation to animal health. Designed to help you study anywhere, with any amount of time, 555 questions test your parasite knowledge!

Oct 2019 | PB | 9781789242348 | 128pp  
£19.99 | €25.99 | \$32.99



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### Small Animal Fluid Therapy

**Edward Cooper, Karina Creighton, Julien Guillaumin and Page Yaxley**

Fluid therapy is one of the most important aspects of therapy in veterinary medicine. In this book the authors provide guidelines for the safe implementation of fluid therapy

in clinical practice.

**Dec 2020 | HB | 9781789243383 | 160pp  
£49.99 | €65 | \$85**



### Small Mammal Medicine

**Jenna Richardson**

This fully illustrated book provides a comprehensive yet succinct visual guide to veterinary care of small mammals. Designed as a practical guide for general practitioners, its easy to follow format is supported with

over 250 photographs, including husbandry set-ups, breed identifications, clinical techniques and specific disease examples.

**Nov 2020 | HB | 9781786392497 | 320pp  
£75 | €100 | \$125**



### Small Animal Veterinary Psychiatry

Edited by **Sagi Denenberg**

The importance of animal behavior and psychological well-being is increasingly being recognized in the veterinary profession. This book provides a practical approach to diagnosing, treating and managing different

behaviour pathologies in dogs and cats, focusing on front line situations, common presentations and how to offer help to owners.

**Jun 2020 | HB | 9781786394552 | 496pp  
£95 | €125 | \$160**



### Basic Monitoring in Canine and Feline Emergency Patients

Edited by **Elizabeth J Thomovsky, Paula A Johnson and Aimee C Brooks**

This book discusses the various basic monitoring techniques available for emergency patients. The book elaborates

on and explains monitoring techniques that can be easily performed in basic ER clinics and primary care clinics.

**Mar 2020 | PB | 9781789242997 | 256pp  
£49.99 | €100 | \$125**



### Top 100 Questions and Answers about Fleas and Pets

**Hany Elsheikha, Ian Wright and Michael Dryden**

A flea-educated owner is an owner able to effectively prevent, control and treat infestations. Detailing the most effective

treatment and prevention options, this book includes practical advice pitched at a level for veterinary staff to relay to owners, through an easy question and answer format.

**Dec 2019 | PB | 9781789245486 | 80pp  
£19.99 | €25 | \$30**



### Differential Diagnosis in Small Animal Cytology

**The Skin and Subcutis**

**Francesco Cian and Paola Monti**

This book guides readers through the major aspects of veterinary cytology from sample collection, preparation, and staining, to the

criteria used to examine the slide and draft a quality cytological report. It provides comprehensive coverage of the cutaneous and subcutaneous lesions encountered in dogs and cats, with a new and schematic approach.

**Oct 2019 | PB | 9781786392251 | 208pp  
£39.99 | €55 | \$65**



### Equine Endocrinology

**François-René Bertin** and **Natalie S Fraser**

This book deals exclusively with the equine endocrine problems that the clinician would see in practice. It is the perfect reference for the practitioner who must quickly diagnose and treat the presenting problems.

Dec 2020 | HB | 9781789241099 | 152pp  
£49.99 | €65 | \$85



### Solving Equine Behaviour Problems

An Equitation Science Approach

**Rose M Scofield**

Riders can face a range of horse behavioural problems, which if left untreated could cause the horse-human relationship to break down. This book examines behavioural issues using

academic research, offering practical solutions illustrated with photos and case studies. It covers over 30 major issues, including biting, kicking, shying and bolting.

Dec 2020 | PB | 9781789244878 | 232pp  
£29.99 | €35 | \$40



### Equine Reproductive Physiology, Breeding and Stud Management

5th Edition

**Mina C G Davies Morel**

With coverage of the management of mares, stallions, foals and young stock, as well as stud management practicalities including infertility, artificial insemination and advanced reproductive techniques. This is new material on recent techniques and advances such as in vitro embryo production, cloning, transgenics and DNA technology.

Nov 2020 | PB | 9781789242249 | 448pp  
£45 | €60 | \$75



Nov 2020 | HB | 9781789242232 | 448pp  
£115 | €150 | \$190



### Fraser's The Behaviour and Welfare of the Horse

3rd Edition

Edited by **Andrew F Fraser**, **Christopher B Riley** and **Sharon E Cregier**

This classic book provides a comprehensive overview of equine behaviour, an outline of current advances in our understanding, as well as offering insights into contemporary and future challenges for improving horse welfare and safety.

Oct 2020 | PB | 9781789242119 | 272pp  
£45 | €60 | \$75

Oct 2020 | HB | 9781789242102 | 272pp  
£95 | €125 | \$160



### ECG Interpretation in Equine Practice

**Katharyn Mitchell**

This book will provide a practical guide for the veterinary practitioner on how to record and analyse ECGs in horses. The book will include the basics of electrocardiography, recording, analyzing and interpreting the ECG.

Jun 2020 | PB | 9781789240825 | 104pp  
£39.99 | €55 | \$65



### Horse Genetics

3rd Edition

**Ernest Bailey** and **Samantha A Brooks**

Completely updated and revised, the third edition of this essential textbook describes the basic genetics of the horse including coat colour, parentage, medical and population genetics, cytogenetics, performance, breeding systems and genetic conservation, as well as the many recent advances in genomics.

Apr 2020 | PB | 9781786392596 | 256pp  
£39.99 | €50 | \$55

Apr 2020 | HB | 9781786392589 | 256pp  
£95 | €120 | \$135



### Manual of Equine Dermatology

**Rosanna Marsella**

This book deals with the equine dermatological problems that a clinician would see in practice. Illustrated in color throughout, it covers history, signalment, identification of primary vs secondary lesions, and distribution of lesions, with examples of differential diagnoses.

Aug 2019 | HB | 9781786395085 | 150pp  
£60 | €80 | \$99



### Aquaculture and Fisheries Biotechnology

Genetic Approaches  
3rd Edition

Rex A Dunham

This is an updating of the successful book on aquaculture and fisheries biotechnology that introduces traditional techniques but also adds the very latest in molecular genetic analysis.

Oct 2020 | HB | 9781789243444 | 568pp  
£165 | €215 | \$275



### Climate Change and Infectious Fish Diseases

Edited by Patrick T K Woo, Jo-Ann Leong and Kurt Buchmann

This definitive reference work explores the effects of current and expected climate change, taking place throughout the world, on selected bacterial, viral, fungal and parasitic infectious fish diseases of economically important fish in tropical and temperate waters.

Jun 2020 | HB | 9781789243277 | 656pp  
£199.99 | €260 | \$330



### Diseases and Disorders of Finfish in Cage Culture

Edited by Patrick T K Woo and David W Bruno

This new edition is a timely update due to important advances in the understanding of infectious diseases of finfish. The content has been significantly updated to reflect current knowledge and the developments in the fish production industry in the last ten years, including the dramatic increases in production in the Asia-Pacific region.

Oct 2019 | PB | 9781786395368 | 342pp  
£65 | €80 | \$90

Jul 2014 | HB | 9781780642079 | 354pp  
£133.99 | €177 | \$257.50

NEW IN PAPERBACK



### Climate Change and Non-infectious Fish Disorders

Edited by Patrick T K Woo and George K Iwama

An important new title on climate change, and its effects on selected non-infectious disorders of fish. Contains contributions by internationally recognized experts who have contributed significantly to our knowledge in this area.

Jan 2020 | HB | 9781786393982 | 296pp  
£95 | €125 | \$160

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### Parasites of Cattle and Sheep

**A Practical Guide to their Biology and Control**

**Andrew B Forbes**

This book provides the first review devoted to parasites of domestic cattle and sheep. It considers the impact of parasites,

both as individual species and as co-infections, as well as epidemiological information, monitoring, diagnostic procedures, and implementing control measures such as the responsible use of parasiticides.

**Dec 2020 | PB | 9781789245158 | 180pp**  
**£39.99 | €55 | \$65**



### Poultry Health

**A Veterinarian's Guide**

Edited by **Paul Barrow, Venugopal Nair, Susan Baigent, Robert Atterbury and Michael Clark**

Providing a comprehensive overview for small animal veterinarians, this book covers the poultry industry, avian biology, diseases and their agents, infection control, and disease investigation and legislation. Written by international experts, it includes full colour images to aid identification and diagnosis.

**Sep 2020 | PB | 9781789245042 | 200pp**  
**£45 | €60 | \$75**



### Genetic Improvement of Farmed Animals

**Geoff Simm, Geoff Pollott, Raphael Mrode, Ross Houston and Karen Marshall**

Comprehensive, yet concise and approachable, *Genetic Improvement of Farmed Animals* provides a thorough

grounding in the basic sciences underpinning current farmed animal breeding practice. The text relates science to practical application in all the major farmed animal species: cattle, sheep, goats, poultry, pigs and fish.

**Jun 2020 | PB | 9781789241716 | 512pp**  
**£65 | €85 | \$110**



**Jun 2020 | HB | 9781789241723 | 512pp**  
**£125 | €165 | \$205**



### The Slaughter of Farmed Animals

**Practical ways of enhancing animal welfare**

Edited by **Temple Grandin and Michael Cockram**

From the ethics of slaughtering farmed livestock to the practical guidelines that must be put in place to maximise animal welfare, this book combines scientific evidence with down-to-earth practical advice for government and private industry managers, veterinarians and animal welfare practitioners.

**Apr 2020 | PB | 9781789240573 | 272pp**  
**£45 | €60 | \$75**



### The Impact of Research at The International Livestock Research Institute

Edited by **John McIntire and Delia Grace**

The book recounts the history and achievements of research at the International Livestock Research Institute (ILRI), including work at its predecessors the International Livestock Centre for Africa (ILCA; 1974-1994) and the International Laboratory for Research on Animal Diseases (ILRAD; 1974-1994).

**Feb 2020 | HB | 9781789241853 | 688pp**  
**£145 | €190 | \$240**



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### Genetics and Genomics of the Rabbit

Edited by **Luca Fontanesi**

Covering all aspects of the genetics and genomics of the rabbit, this book includes domestication, classical genetics, the rabbit genome, genetic maps and markers, coat colour genetics, immunogenetics, transgenic

rabbits and biotechnology applications. It also covers the genetics of meat and fibre production, reproduction and disease resistance.

**Dec 2020 | HB | 9781780643342 | 272pp**  
**£85 | €110 | \$160**



### Mineral Nutrition of Livestock

5th Edition

**Neville F Suttle**

The fifth edition of this important book reviews the recent advances in livestock mineral nutrition, updated throughout with new illustrations and references to reflect the

growing complexity of mineral metabolism.

**Oct 2020 | HB | 9781789240924 | 504pp**  
**£115 | €150 | \$190**



### Mason's World Dictionary of Livestock Breeds, Types and Varieties

6th Edition

**Valerie Porter**

Expanded in a new edition, the Dictionary now includes yak, reindeer and camelids,

in addition to the existing cattle, sheep, pigs, goats, horses, asses and buffalo. It features well over 10,000 entries and cross-references on breeds, sub-breeds, types, varieties, strains and lines of species.

**Jul 2020 | HB | 9781789241532 | 392pp**  
**£115 | €150 | \$190**



### Fundamentals of Applied Animal Nutrition

**Gordon Dryden**

This book introduces the basic aspects of animal nutrition, giving a practical overview of the principles which underpin the design and management of farm animal feeding systems.

It covers digestive function, nutrients and feed intake, feed related disorders, grazing behaviour and management, climate change and the environment, and more.

**Jul 2020 | PB | 9781786394453 | 336pp**  
**£45 | €60 | \$75**



### The Economics of Farm Animal Welfare

Theory, Evidence and Policy

Edited by **Bouda Vosough Ahmadi, Dominic Moran** and **Rick D'Eath**

The economic costs and benefits of farm animal production and sustainability versus

improving climate change and animal welfare presents one of the most complex dilemmas in agriculture today. This book, by top global authors and experts, outlines the problem whilst making policy-relevant recommendations.

**May 2020 | HB | 9781786392312 | 208pp**  
**£45 | €60 | \$75**



### Biosecurity in Animal Production and Veterinary Medicine

Edited by **Jeroen Dewulf** and **Filip Van Immerseel**

Antimicrobial use is under debate, and it is becoming standard practice in the animal production industry to implement thorough

biosecurity plans to prevent the spread of pathogenic micro-organisms. This book provides a wealth of practical information on the application of biosecurity measures in both farm and companion animal settings.

**Dec 2019 | HB | 9781789245684 | 544pp**  
**£60 | €70 | \$80**

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### Nutrition of the Rabbit

3rd Edition

Edited by **Carlos de Blas** and **Julian Wiseman**

Bringing together international expertise, this fully updated volume covers digestive physiology, feeding, product quality, and the

relationship between nutrition and health. With new material on immune response, dietary additives and organics, this book provides a valuable resource for researchers and students of animal nutrition and production.

**Dec 2019 | HB | 9781789241273 | 352pp**  
**£95 | €125 | \$160**



### Goat Production and Supply Chain Management in the Tropics

**Pramod Kumar Rout, Ashok Kumar** and **Basanta Kumara Behera**

This practical manual for goat production systems covers breeding and selection, feeding based on available crops and

resources, and targeted preventative health care for increased productivity and income. It is required reading for livestock farmers, veterinarians, commercial farming companies, researchers and animal science specialists.

**Nov 2019 | HB | 9781789240139 | 288pp**  
**£125 | €165 | \$205**



**Animal Nutrition**  
From Theory to Practice  
**Philip Ian Hynd**

This text covers digestive anatomy and physiology; energy, protein, vitamin and mineral requirements; and common nutritional and metabolic diseases for dogs, cats, horses, sheep, cattle, camelids, goats, pigs, and poultry.

Oct 2019 | PB | 9781789242911 | 320pp  
£45 | €60 | \$75



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**Livestock Handling and Transport**  
Principles and Practice  
5th Edition

Edited by **Temple Grandin**

Edited by world-renowned animal scientist Dr Temple Grandin, the fifth edition of Livestock Handling and Transport integrates scientific research and industry literature, providing a guide to humane handling and minimizing animal stress. Includes new coverage of temperament testing and change, principles of good stockmanship and new video material.

Oct 2019 | PB | 9781786399168 | 520pp  
£49.99 | €60 | \$70

Oct 2019 | HB | 9781786399151 | 520pp  
£99 | €120 | \$140



**Poultry Feathers and Skin**  
The Poultry Integument in Health and Welfare

Edited by **Oluyinka A Olukosi, Ariane Helmbrecht, Victor Olori, Nick French** and **Sarah Lambton**

Based on the proceedings of a recent symposium, this book documents the significant developments that have been made in our understanding of the importance of the integument to poultry species. This book contains a broad range of studies including genetics, welfare, health, nutrition, and management.

Mar 2019 | HB | 9781786395115 | 296pp  
£95 | €125 | \$160

# Animal Health and Production Compendium

Comprehensive, encyclopedic resource for information on animal health and production

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### Tourism in European Microstates and Dependencies

Geopolitics, Scale and Resource Limitations

Dallen J Timothy

Tourism in European Microstates and Dependencies carefully examines the nuances and realities associated with tourism, social and economic development, geography, and geopolitics of Europe's microstates and dependencies.

Dec 2020 | HB | 9781789243109 | 200pp  
£95 | €125 | \$160



### The Elephant Tourism Business

International Problems and Progress

Edited by Eric Laws, Noel Scott, Xavier Font and John Koldowski

Elephant tourism is a growing attraction across Asia and Africa and is popular with many tourists. This book highlights the need for a comprehensive and rigorous focus on local solutions to improve the welfare of captive elephants and tourists' experiences of elephant tourism, which will be to the benefit of local communities.

Nov 2020 | HB | 9781789245868 | 200pp  
£85 | €100 | \$120

## Religious Tourism and Pilgrimage series



### Pilgrims: Values And Identities

Edited by Darius Liutikas

Values-rich journeys can be described as pilgrimage, spiritual travel, personal heritage tourism, holistic tourism, or valuistic journeys. This book focuses on travellers themselves and their inner world through the lens of their journey. It provides interesting and challenging perspectives on the identity of pilgrims in the 21st century.

Nov 2020 | HB | 9781789245653 | 208pp  
£95 | €115 | \$135



### Religious Tourism and the Environment

Edited by Kiran A Shinde and Daniel H Olsen

This is the first book to discuss both religious tourism and the environment. Moving beyond the documentation of impacts, it examines intersections between the two areas, such as the environment as a resource or generator of religious tourism. Chapters discuss such important topics as disease, environmental responsibility and host perspectives.

Sep 2020 | PB | 9781789241631 | 160pp  
£39.99 | €55 | \$65

Sep 2020 | HB | 9781789241600 | 160pp  
£95 | €125 | \$160



### Dark Tourism and Pilgrimage

Edited by Daniel H Olsen and Maximiliano E Korstanje

The first book to cover the intersections between dark tourism and pilgrimage, this multi-disciplinary resource reviews theories and case studies of dark tourism and pilgrimage sites, as well as how experience design comes into play. It also suggests avenues of future research to guide further exploration into this under-appreciated area of travel.

Oct 2019 | HB | 9781789241877 | 296pp  
£95 | €125 | \$160



### Spiritual and Religious Tourism Motivations and Management

Edited by Ruth Dowson, Jabar Yaqub and Razaq Raj

This book is the first to address motivation for and management of religious and spiritual tourism within one volume. It also brings in new and exciting case study perspectives, from a range of international, cross-sectional contributors.

Aug 2019 | HB | 9781786394163 | 208pp  
£95 | €125 | \$160



### Tourism, Pilgrimage and Intercultural Dialogue

Interpreting Sacred Stories

Edited by Dolores Vidal-Casellas, Silvia Aulet and Neus Crous-Costa

This book is a timely re-assessment of the increasing connections between management of diversity and religious tourism and secular spaces on a global stage. Including a range of contemporary case studies, it is a valuable resource for researchers and practitioners in tourism management, pilgrimage and religious tourism.

Jun 2019 | HB | 9781789241129 | 214pp  
£95 | €125 | \$160



### Managing Religious Tourism

Edited by Maureen Griffiths and Peter Wiltshier

This book provides a global view of the tools and resources used in demand and supply management in the context of pilgrimage and religious tourism. It uses a focus on toolkits and best-practice to reinforce quality of service provision, offer a reflection on consumers' perspectives and intentions to purchase, and support sustainable development.

Feb 2019 | HB | 9781786393197 | 208pp  
£95 | €125 | \$160

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### **Creative Tourism**

**Activating Cultural Resources and Engaging Creative Travellers**

Edited by **Nancy Duxbury, Sara Albino** and **Claudia Pato Carvalho**

This book provides a synthesis of current research and international best practice, including practitioner perspectives and a range of case study examples. It covers types of creative tourist, trends, designing and implementing creative tourism products, embedding activities in a community and place, and addressing sustainability challenges.

**Nov 2020 | PB | 9781789243543 | 240pp**  
**£45 | €55 | \$70**

**Nov 2020 | HB | 9781789243536 | 240pp**  
**£95 | €125 | \$160**



### **Tourism in Development: Reflective Essays**

Edited by **Peter U C Dieke, Brian EM King** and **Richard Sharpley**

This thought-provoking book challenges the orthodoxy of tourism and development, highlights past and current events as well

as the repercussions and further developments well into the future.

**Sep 2020 | HB | 9781789242812 | 240pp**  
**£105 | €140 | \$175**



### **Tourism Planning and Development in Latin America**

Edited by **Carlos Monterrubio**

Despite the significance of tourism to the economic, social and environmental structures of Central and South America, little has been documented in the English literature

about tourism in this sub-region, which in terms of population size, ranks fourth in the world with 652 million inhabitants.

**Sep 2020 | HB | 9781789243048 | 192pp**  
**£95 | €125 | \$160**



### **Contemporary Tourist Behaviour** **Yourself and Others as Tourists** **2nd Edition**

**David Bowen**

Providing a cross-disciplinary approach to tourism behaviour, this fully updated edition responds to new emerging themes

such as the digital revolution, social media, and tourist-risk resulting from political instability and other uncertainty. With international examples throughout, this new edition reviews both theory and practical application.

**Aug 2020 | PB | 9781786391698 | 320pp**  
**£39.99 | €55 | \$65**



### **Tourist Destinations: Structure and Synthesis**

**Douglas G Pearce**

Destination research today has become increasingly fragmented as studies become more specialized. This book provides a systematic examination and combines

spatial and organizational structure across destinations from the national to the local scale to produce a comprehensive understanding of destinations and a complete integrative framework of them

**Oct 2020 | HB | 9781789245837 | 248pp**  
**£95 | €115 | \$135**



### **Managing the Visitor Economy** **Concepts, Collaborations and Cases**

Edited by **Michael B Duignan**

The first book to bring together scholars, students, industry leaders, policy makers and related national institutes in collaboration across a range of case studies

**Sep 2020 | PB | 9781789242850 | 320pp**  
**£39.99 | €55 | \$65**

**Sep 2020 | HB | 9781789242843 | 320pp**  
**£115 | €150 | \$190**



### **Tourism and Gender-based Violence** **Challenging Inequalities**

Edited by **Paola Vizcaino-Suárez, Heather Jeffrey** and **Claudia Eger**

This book focuses on the multiple and interconnected manifestations of violence that women/girls encounter in tourism

consumption and production while seeking to open the debate on violence against sexual minorities (LGBT) and discussing men/boys as victims and perpetrators of GBV.

**Sep 2020 | HB | 9781789243215 | 216pp**  
**£95 | €125 | \$160**



### **Issues and Cases of Degrowth in Tourism**

Edited by **Konstantinos Andriotis**

Degrowth in tourism is the voluntary shift to rebuild destinations and local economies where consumption, production and the exploitation of resources are minimal. This

book takes steps to address the paucity of combined research on tourism and degrowth by presenting emergent knowledge and research on this increasingly important concept.

**Aug 2020 | HB | 9781789245073 | 160pp**  
**£85 | €100 | \$120**



### Managing Hospitality Experiences

Edited by **Alexandra J Kenyon, Peter Robinson** and **James Musgrave**

This new textbook provides a full and detailed insight into the ways in which experiences are designed and delivered. It covers management issues such as marketing, human resources, operations, quality management, facilities management, project management, and strategy, and is supported throughout by pedagogic features and case studies.

Aug 2020 | PB | 9781789242034 | 208pp  
£39.99 | €55 | \$65



### Destination Benchmarking

**Metin Kozak**

Destination benchmarking covers elements such as transport services, airport services, accommodation, leisure and sport, hospitality and local attitudes, with a focus on developing a specific benchmarking methodology. This new edition offers an update of the successful leading book, including fresh case studies and examples of best practice.

Aug 2020 | HB | 9781789241792 | 200pp  
£80 | €105 | \$135



### Tourism, Tradition and Culture A Reflection on their Role in Development

**David Harrison**

David Harrison reflects on the role of tourism in development and its conflict with culture, tradition and the need for sustainability.

The book deliberates David's research from the past 30 years, which looks at the impacts of tourism on societies emerging from Western colonialism and societies previously part of the Soviet system.

Jul 2020 | HB | 9781789245899 | 232pp  
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### Air Travel

#### Operations, Management and Strategies

**M R Dileep** and **Ajesh Kurien**

The first text on air travel management and operations from a non-Western perspective, this book covers everything a student needs to know about the industry. It covers

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Jul 2020 | PB | 9781786394958 | 336pp  
£39.99 | €55 | \$65



### New Directions in Garden Tourism

**Richard Benfield**

Following on from the success of *Garden Tourism*, this new book provides an update on the statistics and growth of the global phenomenon of garden visitation. It explores new themes and contemporary trends, from

art and culture to psychographic profiling of visitors, and how social media and semiotics are used to enrich visitor experience.

Jun 2020 | PB | 9781789241754 | 208pp  
£35 | €45 | \$60



Jun 2020 | HB | 9781789241761 | 208pp  
£85 | €110 | \$140



### Storytelling in Tourism

#### A Conceptual Framework and Practitioner's Guide

**Gianna Moscardo**

This book takes a rich body of theory and knowledge and generates a comprehensive conceptual story framework. It sets out

dimensions and principles for understanding, researching and using stories in tourism.

Jun 2020 | PB | 9781786396709 | 266pp  
£39.99 | €55 | \$65

Jun 2020 | HB | 9781786396693 | 256pp  
£85 | €110 | \$140



### Tourism 2nd Edition

**Peter Robinson, Michael Lück** and **Stephen L J Smith**

Authored by established experts, fully revised *Tourism, 2nd Edition* covers aspects of tourism from a modern perspective, providing students with a range of theoretical and research-based explanations, supported by examples, case studies and unique insights from industry representatives.

Apr 2020 | PB | 9781789241495 | 480pp  
£45 | €60 | \$75



Apr 2020 | HB | 9781789241488 | 480pp  
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### Events as a Strategic Marketing Tool 2nd Edition

**Dorothe Gerritsen** and **Ronald van Olderen**

An update to the popular first edition, providing an engaging resource for both students and professionals interested in leisure, tourism and events. Including a wealth of internationally relevant examples, it gives a thorough insight into the way events can help reach strategic marketing goals.

Mar 2020 | PB | 9781789242300 | 312pp  
£39.99 | €55 | \$75





### Sustainable Destination Branding and Marketing

#### Strategies for Tourism Development

Edited by **Anukrati Sharma, Juan Ignacio Pulido-Fernández** and **Azizul Hassan**

This book provides a comprehensive set of tools and techniques for branding and marketing for sustainable tourism development. It blends tourism and marketing strategies with practical, innovative information technology solutions and a psychological perspective, providing illustrative case studies and examples to aid understanding.

**Dec 2019 | HB | 9781786394286 | 264pp**  
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### Modern Day Slavery and Orphanage Tourism

Edited by **Joseph M Cheer, Leigh Mathews, Kathryn E. van Doore** and **Karen Flanagan**

The first of its kind, this book highlights exploratory research conducted within preliminary thinking of modern slavery within tourism.

**Nov 2019 | HB | 9781789240795 | 176pp**  
**£80 | €105 | \$135**



### Ideological, Social and Cultural Aspects of Events

Edited by **Omar Moufakkir** and **Tomas Pernecky**

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**Oct 2019 | PB | 9781786395511 | 238pp**  
**£40 | €50 | \$55**

**Dec 2014 | HB | 9781780643526 | 238pp**  
**£80 | €107 | \$155.50**

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Edited by **Brent W Ritchie** and **Kom Campiranon**

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**Oct 2019 | PB | 9781786395450 | 284pp**  
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#### Theory and Practice

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This book covers the increasingly important 'routes' sector of the tourism industry. It reviews how routes are created, their effects on tourism businesses, local populations and other stakeholders, and the critical role of both communities and those who provide strategic direction and funding. It also includes contemporary examples and cases.

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**£25 | €35 | \$40**

**Dec 2019 | HB | 9781786394767 | 184pp**  
**£85 | €110 | \$140**



### Winter Tourism

#### Trends and Challenges

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Winter tourism is reforming as a result of increased levels of investment with new ski destinations developing and traditional skiing destinations merging to reduce economic risks. Also, environmental issues in many established ski resorts are a growing area of consideration as well as considering the Chinese market and its future impact.

**Oct 2019 | HB | 9781786395207 | 456pp**  
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### Tourism Enterprise

#### Developments, Management and Sustainability

Edited by **David Leslie**

The environmental quality and popularity of a tourist destination is the outcome of sustained development. This book therefore examines the tourism business in terms of 'greening' the local economy, people and environment, establishing the green agenda and investigating its application to the tourism sector.

**Oct 2019 | PB | 9781786395481 | 204pp**  
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**Nov 2014 | HB | 9781780643564 | 204pp**  
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#### Principles, Commodification and the Sustainability of Teaching English as a Foreign Language

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**Jul 2019 | HB | 9781786393227 | 174pp**  
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### Literary Tourism

#### Theories, Practice and Case Studies

Edited by **Ian Jenkins, Katrín Anna Lund**

This book provides a grounding in the theoretical perspectives on literature and the tourist experience. It explores practical applications of literary tourism, such as

destination promotion and creation, responsible tourism and learning benefits, and uses global case studies to study literary tourism in action.

**Jul 2019 | HB | 9781786394590 | 210pp  
£85 | €110 | \$140**



### Overtourism

#### Excesses, Discontents and Measures in Travel and Tourism

Edited by **Claudio Milano, Joseph M Cheer and Marina Novelli**

This book examines the evolution of the phenomenon and explores the genesis of overtourism and the system dynamics underlining it.

**Jun 2019 | HB | 9781786399823 | 264pp  
£85 | €110 | \$140**



### Private Sector Tourism in Conservation Areas in Africa

**Susan Snyman and Anna Spenceley**

This book is the first to provide a detailed analysis of private sector involvement and partnerships in tourism in Africa. It includes best practices and processes to develop

tourism partnerships with the private sector, and highlights important tools to enhance sustainability of tourism in Africa, involving numerous stakeholders.

**Apr 2019 | HB | 9781786393555 | 256pp  
£95 | €125 | \$160**



### Emotional Intelligence in Tourism and Hospitality

Edited by **Erdogan Koc**

Emotional intelligence (EI) is the ability to recognize emotions, thereby guiding behavior and allowing emotional adjustment to environments. As services are produced

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**Apr 2019 | HB | 9781786398314 | 168pp  
£75 | €100 | \$125**



### Diversity Competence

#### Cultures Don't Meet, People Do

**Edwin Hoffman and Arjan Verdooren**

In this book, interpersonal communication forms the point of departure. The authors describe what diversity competence entails: which processes and skills are relevant in a

'superdiverse' world. They demonstrate how the TOPOI model offers an inclusive approach to analysing and addressing potential miscommunication.

**Feb 2019 | PB | 9781789242409 | 352pp  
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### Adventure Tourism and Outdoor Activities Management

#### A 21st Century Toolkit

**Ian Jenkins**

Written by an author with 20 years' experience teaching adventure tourism courses and working within the industry, this book is

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**Feb 2019 | PB | 9781786390868 | 220pp  
£39.99 | €55 | \$65**



### Tourism Information Technology

#### 3rd Edition

**Pierre J Benckendorff, Zheng Xiang and Pauline J Sheldon**

Examines IT applications in all sectors, including airlines, travel intermediaries, accommodation, food service, destinations,

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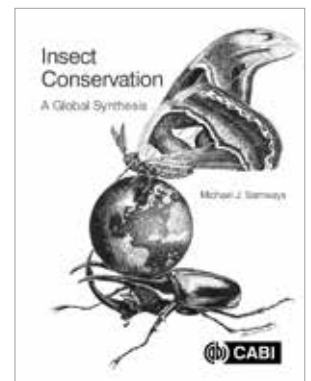
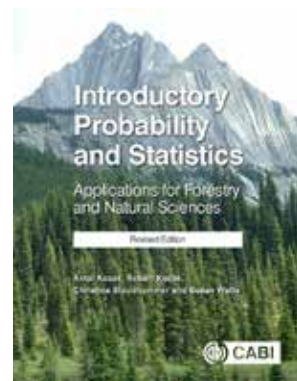
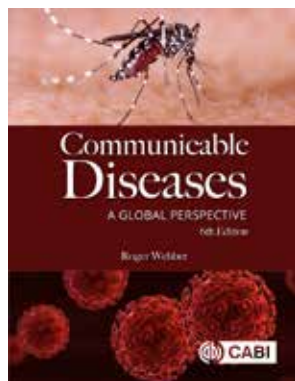
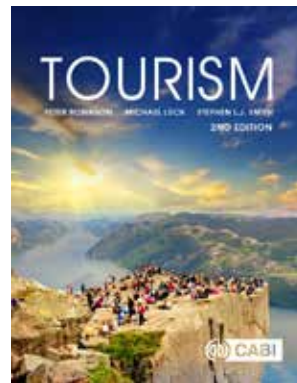
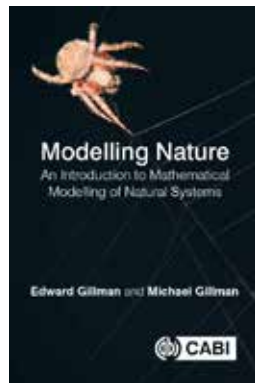
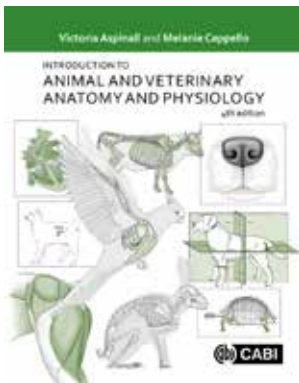
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