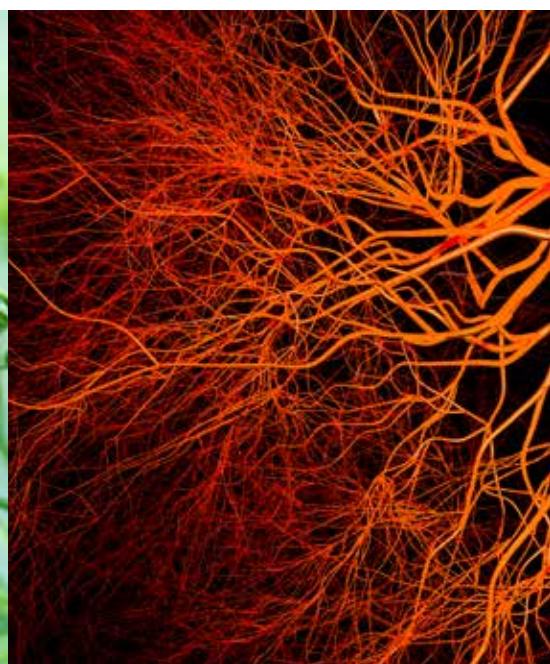


CABI Books 2014





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CABI is not like other publishers...

CABI has scientific research, publishing and international development at its core. We improve people's lives by solving problems in agriculture and the environment. Together with our members we address issues of global concern, such as food security and climate change. By generating and increasing access to scientific knowledge, and delivering change through development projects we work to improve crop yields, combat agricultural pests and diseases, protect biodiversity and safeguard the environment, which enables the world's poorest communities to feed themselves.

CABI is a not-for-profit organization. Our profits support rural development projects that go some way to helping the world's poorest people to grow more, lose less and improve their livelihoods.

To find out more about the development work we do visit www.cabi.org/projects

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



indicates the publication is a textbook and available for course adoptions. For inspection copies of these books please fill in the inspection copy request form at bookshop.cabi.org

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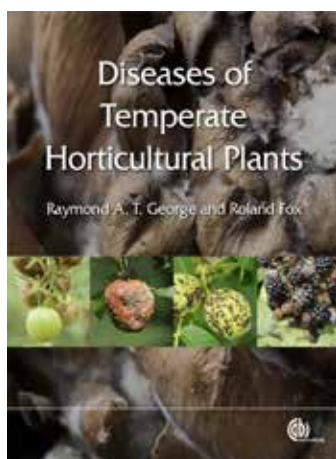
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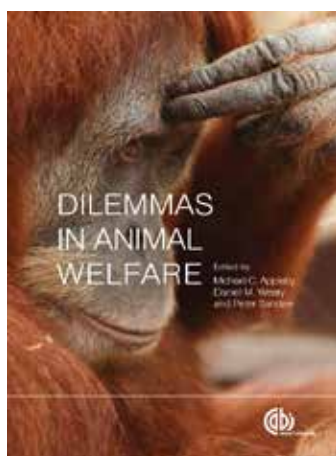
Key new titles for 2014



Diseases of Temperate Horticultural Plants

Containing approximately 180 photographs from DEFRA's disease slide collection in colour and black and white and authored by leading horticultural experts, *Diseases of Temperate Horticultural Plants* is an indispensable reference work for horticultural professionals, academics, students and crop producers. User-friendly with practical and accessible entries the book covers the major temperate horticultural crops organised into easy to navigate sections divided into fruits, vegetables and ornamentals. The diseases of major crops are presented according to their classification, and the symptoms of each disease, causal pathogen and control measures for each condition are described. This comprehensive resource will be an invaluable addition to any horticulturist's library.

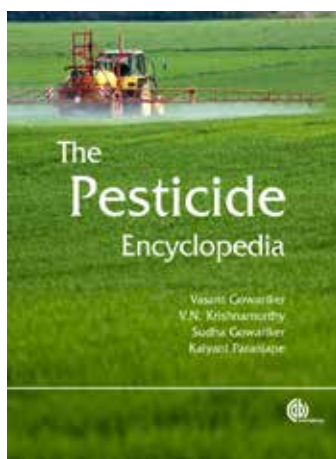
page 13



Dilemmas in Animal Welfare

There are endless on-going debates in animal welfare. This book seeks to distil some of the major themes of current debate into one volume edited by internationally known names in the field of animal welfare. Each chapter, written by a leading expert will discuss in an open-handed way a provocative topic, which will be of interest to anyone concerned with animal welfare. Issues covered include tail docking, pet obesity, isolation vs. group aggression, neutering feral cats and the need to conserve wildlife habitats in the face of wild animal overpopulation.

page 30



The Pesticide Encyclopedia

A complete one-stop overview of major aspects of pesticides and crop protection. Covering chemical pesticides, biocontrol agents and biopesticides, it also covers interrelated topics such as pesticide toxicity, legislation and regulation, handling, storage and safety aspects, IPM techniques, resistance management, interaction of pesticides with soil and the environment. This is a vital reference source for policy makers, advisers, students and researchers of crop science.

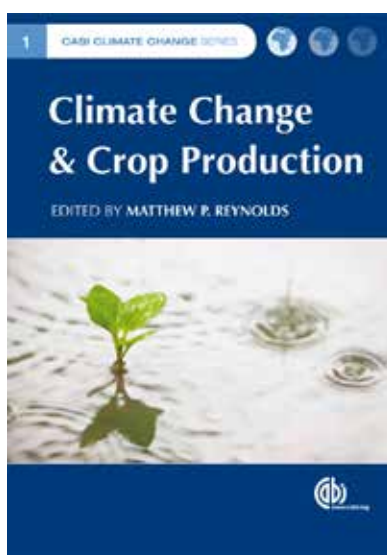
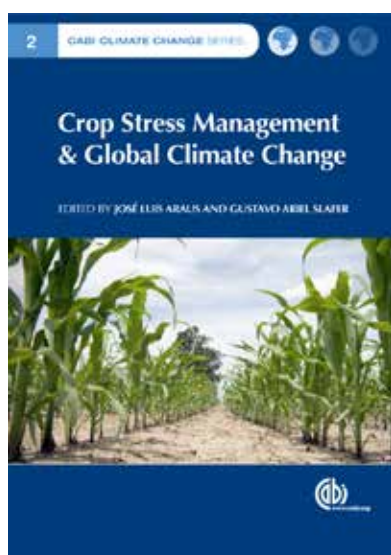
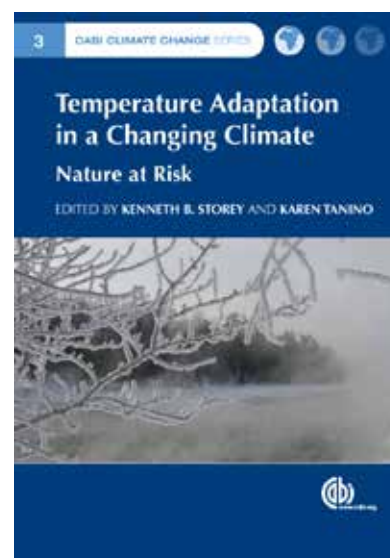
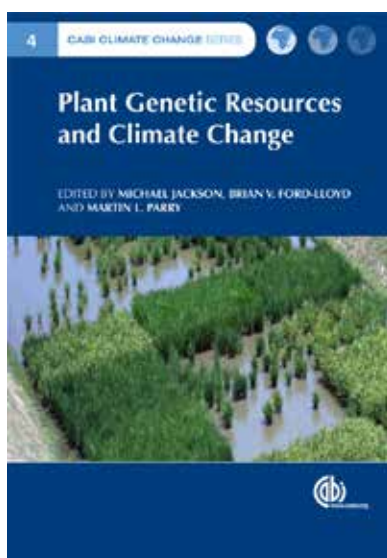
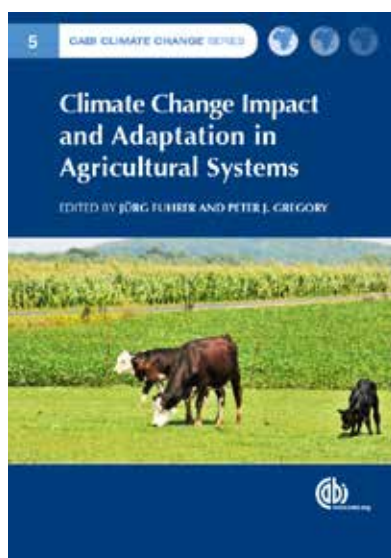
page 5

Series focus ... CABI Climate Change Series

Climate change is a major environmental challenge to the world today, with significant threats to ecosystems, food security, water resources and economic stability overall. In order to understand and research ways to alleviate the effects of climate change, scientists need access to information that not only provides an overview of and background to the field, but also keeps them up to date with the latest research findings.

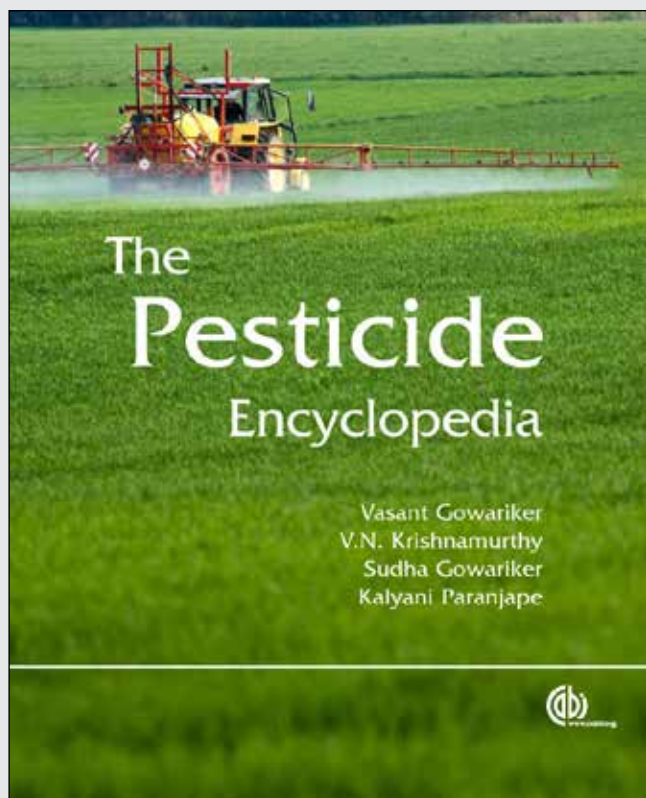
This series addresses many topics relating to climate change, including strategies to develop sustainable systems that minimize impact on climate and/or mitigate the effects of human activity on climate change. Coverage will encompass all areas of environmental and agricultural sciences.

Aimed at researchers, upper level students and policy makers, titles in the series provide international coverage of topics related to climate change, including both a synthesis of facts and discussions of future research perspectives and possible solutions.



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cabi.org**



The Pesticide Encyclopedia

Vasant Gowariker, TIFAC, DST, Government of India, India,
V N Krishnamurthy, Sudha Gowariker and **Kalyani Paranjape**, all independent consultants, India

In today's world, food security is an important issue. Food shortages push prices up, impacting upon the health and well-being of hundreds of millions of rural poor across the globe. One way to increase food security is to decrease the amount of yield lost to pests. *The Pesticide Encyclopedia* provides a comprehensive overview of the fight against pests, covering chemical pesticides, biocontrol agents and biopesticides. It also covers interrelated topics such as pesticide toxicity, legislation and regulation, handling, storage and safety aspects, IPM techniques, resistance management, interaction of pesticides with soil and the environment.

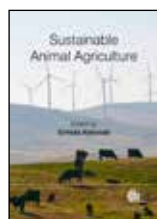
An important reference for policy makers, advisers and students and researchers of crop science, this book also includes useful notes on commonly known plant diseases and pests.

The encyclopedia includes information about:

Chemical Pesticides, Biopesticides, Biocontrol Agents, Repellents, Toxicity Related Concepts, Growth Regulators, Classification of Pesticides (Insecticides, Herbicides, Fungicides, Molluscicides, Nematicides, Termicides, Slimicides and Rodenticides), Modes of Action in Insecticides, Fungicides, Herbicides and Rodenticides, International Legislative Provisions, Regulatory Agencies, Pesticide Storage Management, Safety Measures during Pesticide Handling, Common Crop Pests, Common Crop Diseases, Common Crops, Environmental Exposure and Contamination Issues, Terms and Concepts Related to Pests and Pest Control Agents (Insects, Nematodes, Rodents, Enzymes, Residue Management), Pesticide Formulations.

June 2014 / c.640 pages / HB / 9781780640143

US\$370



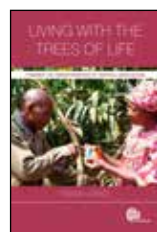
Sustainable Animal Agriculture

Edited by **Ermias Kebreab**, University of California Davis, USA

Increasing global demand for meat and animal by-products is necessitating increasingly intensive animal production. Creating a sustainable system of animal agriculture that works in different production environments

is a major challenge for animal scientists. This book draws together themes on sustainability that have emerged as the most pressing in recent years. It addresses practical topics such as air quality, manure management, animal feeds, production efficiency, environmental sustainability, biotechnology issues, animal welfare concerns, societal impacts and an analysis of the data used to assess the economic sustainability of farms.

December 2013 / 336 pages / 9781780640426
US\$180



Living with the Trees of Life Towards the Transformation of Tropical Agriculture

Roger R B Leakey, James Cook University, Australia

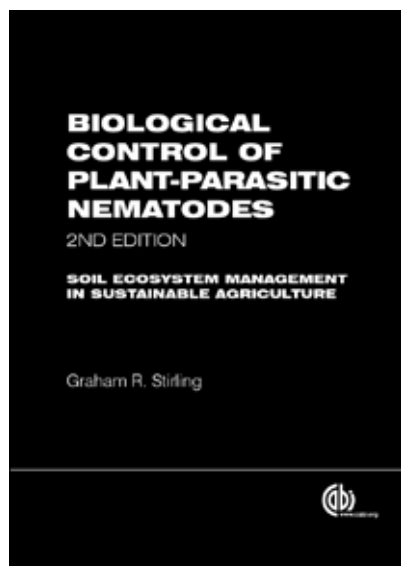
Based on the career of Roger Leakey, former Director of Research at the International Centre for Research in Agroforestry, this accessible and engaging book presents real life situations in rural villages that demonstrate how agroforestry can offer hope from the doom and gloom often emanating from the tropics.

July 2012 / 224 pages / PB / 9781780640983

US\$52.50

July 2012 / 224 pages / HB / 9781780640990

US\$115



Biological Control of Plant-parasitic Nematodes, 2nd Edition Soil Ecosystem Management in Sustainable Agriculture

Graham R Stirling, Biological Crop Protection Pty. Ltd, Australia

Plant-parasitic nematodes are one of multiple causes of soil-related sub-optimal crop performance. This book integrates soil health and sustainable agriculture with nematode ecology and suppressive services provided by the soil food web to provide holistic solutions. Biological control is an important component of all nematode management programmes, and with a particular focus on integrated soil biology management, this book describes tools available to farmers to enhance the activity of natural enemies, and utilize soil biological processes to reduce losses from nematodes.

July 2014 / c.496 pages / HB / 9781780644158

US\$240



Conservation Agriculture Global Prospects and Challenges

Edited by **Ram A Jat**, Directorate of Groundnut Research, India, **Kanwar L Sahrawat**, ICRISAT, India and **Amir H Kassam**, University of Reading, UK and FAO, Rome, Italy

The book covers the spread of conservation agriculture (CA) to regions including Brazil, Argentina, Canada, Australia, Europe and emerging CA destinations in Asia and Africa. Topics covered include the various components of CA, and how their individual and combined implementation influence productivity, soil health and environmental quality under diverse edaphic and climatic conditions. The book will be useful to teachers, researchers, extensionists, farmers, and students interested in environmental quality.

January 2014 / 384 pages / HB / 9781780642598

US\$220



Promoting Investment in Agriculture for Increased Production and Productivity

Co-published with The Food and Agriculture Organization of the United Nations

Saifullah Syed and **Masahiro Miyazako**, both Investment Centre Division, FAO, Italy

Covering the development of sustainable agriculture, food production and food security, this book explains the relationship between all levels of investment and their interdependence to be successful. It also describes how to drive increased investment, at what stage and where, providing a useful overview of investment in agriculture.

November 2013 / 112 pages / 9781780643885

US\$125



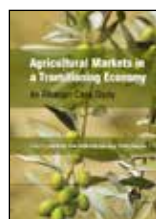
Rural Women in Leadership Positive Factors in Leadership Development

Lori Ann McVay, Spring Arbor University, USA

Rural women and leadership have, in recent years, come to be the focus of development initiatives in many countries. To date, however, much of the writing on this topic has leaned more heavily on structure than agency as influencing attainment of leadership. Citing examples from a case study in Northern Ireland, this book gives agency an equal voice to structure, and pursues both as vital, positive elements in leadership development.

September 2013 / 160 pages / HB / 9781780641607

US\$145



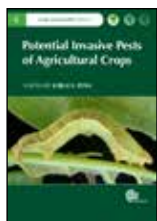
Agricultural Markets in a Transitioning Economy An Albanian Case Study

Edited by **Catherine Chan-Halbrendt** and **Jean Fantle-Lepczyk**, both University of Hawaii, USA

This book presents major challenges and opportunities facing agriculture sectors following transition from a planned to market economy. Using Albania as a case study, the transition and lasting effects of such change on agricultural production and education are examined. The book reviews primary research sources to give readers an accurate portrayal of the path that lies ahead for many developing countries, and the future of agriculture in transitioning economies.

April 2013 / 280 pages / HB / 9781780641003

US\$160



Potential Invasive Pests of Agricultural Crops

CABI Invasives Series, No 3

Edited by **Jorge E Peña**, University of Florida, USA

Regions potentially threatened by invasive arthropods need to be prepared to prevent new pests from becoming established. Therefore, information on pest identity, host range, geographical distribution, biology, tools for detection and identification are all essential to researchers and regulatory personnel. This book focuses on the most recent invasive pests of agricultural crops in temperate subtropical and tropical areas and on potential invaders, discussing their spread, biology and control.

**June 2013 / 464 pages / HB / 9781845938291
US\$220**

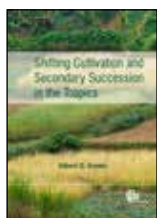


Banana Systems in the Humid Highlands of Sub-Saharan Africa Enhancing Resilience and Productivity

Edited by **Guy Blomme**, Bioversity, Uganda, **Bernard Vanlauwe**, Tropical Soil Biology and Fertility Programme, Nairobi, Kenya and **Piet van Asten**, IITA, Uganda

Banana Systems in the Humid Highlands of Sub-Saharan Africa: Enhancing Resilience and Productivity addresses issues related to agricultural intensification in the (sub)humid highland areas of Africa, based on research carried out in the Great Lakes Region by the Consortium for Improving Agriculture-based Livelihoods in Central Africa.

October 2013 / 264 pages / HB / 9781780642314 US\$160



Shifting Cultivation and Secondary Succession in the Tropics

Albert O Aweto, University of Ibadan, Nigeria

This book documents and systematizes findings in shifting cultivation over the last six decades and also characterizes secondary succession and related changes that fallow vegetation undergoes to the process of soil fertility restoration under bush fallow.

November 2012 / 208 pages / HB / 9781780640433 US\$145



Agricultural Policies for Poverty Reduction

Jonathan Brooks, OECD

With more than two-thirds of the world's poor living in rural areas, higher rural incomes are needed to sustain poverty reduction and reduce hunger. This volume sets out a strategy for raising rural incomes that emphasises the need to create diversified rural economies with opportunities within and outside agriculture.

**March 2012 / 192 pages / HB / 9781780641058
US\$145**



Realizing Africa's Rice Promise

Edited by **Marco C S Wopereis**, Africa Rice Center (AfricaRice) Benin, **David E Johnson**, International Rice Research Institute (IRRI), Philippines, **Nourollah Ahmadi**, Centre de Coopération International en Recherche Agronomique pour le Développement (CIRAD) France, **Eric Tollens**, Catholic University of Leuven, Belgium and **Abdulai Jalloh**, West

and Central African Council for Agricultural Research and Development (CORAF/WE CARD), Senegal

At a time when Africa's food security stands threatened, *Realizing Africa's Rice Promise* provides a comprehensive overview of state-of-the-art research and recommendations for dealing with future challenges. With contributions from the key scientists working on rice in Africa, this volume addresses policy, genetic diversity and improvement, sustainable productivity enhancement, innovations and value chains. The book is useful for researchers, policy makers, agricultural ministries, donors, regional and sub-regional organizations, non-governmental development organizations and universities.

October 2013 / 480 pages / HB / 9781845938123 US\$220

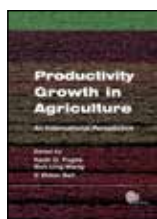


Innovation in Agri-food Clusters Theory and Case Studies

Peter W B Phillips, University of Saskatchewan, Canada, **Jeremy Karwandy**, Enterprise Saskatchewan, Saskatoon, Canada, **Graeme Webb**, Simon Fraser University, Canada and **Camille D Ryan**, University of Saskatchewan, Canada

Innovation has moved through a range of revolutionary epochs, but there is no clear picture of how, or even if, innovation can be managed. This is a single, coherent volume that outlines the theory and practices related to innovation, offering a critical assessment of the strengths and weaknesses of the different approaches, backed up with empirical evidence.

December 2012 / 240 pages / HB / 9781780640419 US\$125



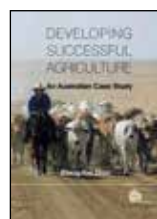
Productivity Growth in Agriculture An International Perspective

Edited by **Keith O Fuglie**, Sun Ling Wang
and **Eldon Ball**, all USDA

Increasing food prices have renewed concerns about long-run agricultural demand and supply in the global economy. This book looks at results, methods, and data on international

agricultural productivity for a better understanding of long-run trends and the policies that determine them

September 2012 / 392 pages / HB / 9781845939212 US\$180



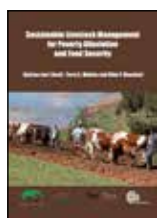
Developing Successful Agriculture An Australian Case Study

Zhang-Yue Zhou, James Cook University,
Australia

Australia's agricultural system has developed from almost non-existence 220 years ago to one of the most advanced and efficient in today's world. This book provides a

comprehensive account of this agricultural success story, which can stimulate policy makers, researchers, agribusiness consultants and students to relate the Australian experience to their own agricultural development.

December 2012 / 240 pages / HB / 9781845939458 US\$145



Sustainable Livestock Management For Poverty Alleviation and Food Security

Katrien van't Hooft, ETC Foundation,
The Netherlands, **Terry Wollen**, Livestock
Advocacy, Heifer International, USA and **Dilip
P Bhandari**, Heifer International, USA

Good animal husbandry practices and animal health are vital for people living in poorer countries. This practical learning manual is a realistic guide for those who are responsible for training farmers in poor countries, taking into account traditional farming systems, existing inputs and resources, sustainable farming initiatives and advising on the right approaches to training.

April 2012 / 208 pages / HB / 9781845938277 US\$145

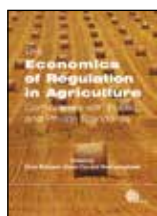


Serbia on the Road to EU Accession Consequences for Agricultural Policy and the Agri-food Chain

Siemen van Berkum, LEI-Wageningen UR,
The Netherlands and **Natalija Bogdanov**,
University of Belgrade, Serbia

This book explores the consequences of preparing for EU accession for Serbia's agricultural policies and its agri-food supply chain. The book presents a comprehensive description of Serbia's agricultural and food sectors, agricultural policies, trade, environmental, animal and plant health issues, and also addresses budgetary consequences of EU membership for both Serbia and the EU.

May 2012 / 232 pages / HB / 9781780641454 US\$145



The Economics of Regulation in Agriculture

**Compliance with Public and
Private Standards**

Edited by **Floor Brouwer**, **Glenn Fox** and
Roel Jongeneel, all at LEI – Wageningen UR,
The Netherlands

This work debates and investigates the cross-compliance system, whereby farmers comply with standards relating to the environment, food safety and animal and plant health. It discusses cross-compliance in the context of existing standards, on-farm costs and the competitiveness of farm businesses.

October 2012 / 296 pages / HB / 9781845935573 US\$160

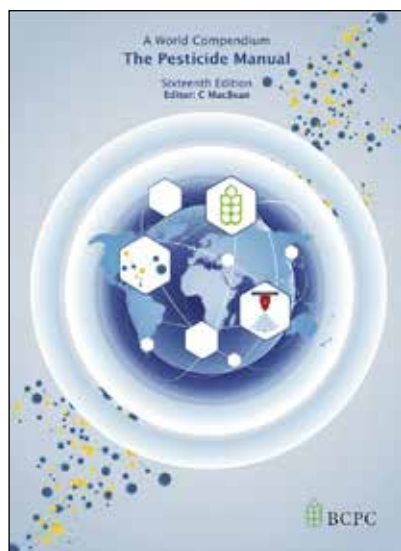


Farm Incomes, Wealth and Agricultural Policy, 4th Edition Filling the CAP's Core Information Gap

Berkeley Hill, formerly University of London,
Imperial College, UK

This book examines the evidence on the overall wealth of farming households, and concludes that in nearly all member states, they are not generally a poor sector of society. In this new edition, the author discusses the latest evidence, makes recommendations for gathering better information, and considers the implications for the CAP as we enter the second decade of the 21st century.

July 2012 / 336 pages / HB / 9781845938475 US\$180



Pesticide Manual A World Compendium

2nd Edition

C MacBean

This is an essential reference book and data source for all those requiring authoritative, impartial and accurate information on crop protection active ingredients.

November 2012 / 1457 pages / HB / 9781901396867

US\$525



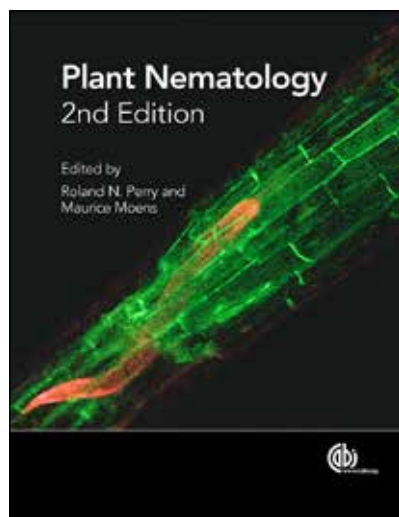
Transgenic Insects Techniques and Applications

Edited by **Mark Q Benedict**, University of Perugia, Italy

Insect transgenesis promises improvements in agriculture, pharmaceuticals and public health. Many important insects can now be routinely transformed with effectors that have useful applications. Agriculture presents the largest market for transgenic insects and has a foundational history of success with sterile insect technique for control of pests including Mediterranean fruit flies and screwworms. Biotechnology will contribute superior markers, suppressible sterility and sex-conversion. Public health is also seeing transgenic mosquitoes developed which suppress natural populations and are incapable of transmitting disease.

December 2014 / 400 pages / HB / 9781780644516

US\$180



Plant Nematology

2nd Edition



Edited by **Roland N Perry**, Rothamsted Research, Harpenden, UK and **Maurice Moens**, Institute for Agricultural and Fisheries Research, Belgium

Plant-parasitic nematodes devastate crops worldwide, in turn impacting international trade, social and economic development. Effective control of nematodes is essential for crop protection, and requires an understanding of nematode biology, taxonomy, population dynamics and sampling methods. Providing a broad introduction to nematodes as plant parasites, this book begins by describing nematodes by genera, and builds on this foundation to detail nematode biology and pest management, including biological and chemical control. Chapters are authored by international experts and enhanced by extensive illustrations and focus boxes. Fully updated throughout, this new edition is an essential resource for postgraduate students, extension officers, researchers and crop protection scientists.

October 2013 / 512 pages / PB / 9781780641539

US\$115

October 2013 / 512 pages / HB / 9781780641515

US\$220



Seeds

The Ecology of Regeneration
in Plant Communities

3rd Edition

Edited by **Robert S Gallagher**, Formerly of
The Pennsylvania State University, USA

The 3rd edition of *Seeds: The Ecology of Regeneration in Plant Communities* highlights the many advances in the field of seed ecology and its relationship to plant community dynamics that have taken place in recent years. The new edition also features chapters on seed development and morphology, seed chemical ecology, implications of climate change on regeneration by seed, and the functional role of seed banks in agricultural and natural ecosystems.

December 2013 / c.304 pages / HB / 9781780641836

US\$160



Biofuel Crops

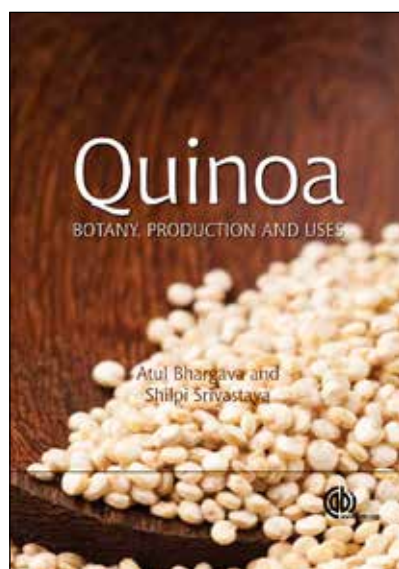
Production, Physiology and Genetics

Edited by **Bharat P Singh**, Fort Valley State
University, USA

Providing comprehensive coverage on biofuel crop production and the technological, environmental and resource issues associated with a sustainable biofuel industry, this book is ideal for researchers and industry personnel. Chapters focus on the genetics, breeding, cultivation, harvesting and handling of each crop.

June 2013 / 544 pages / HB / 9781845938857

US\$240



Quinoa

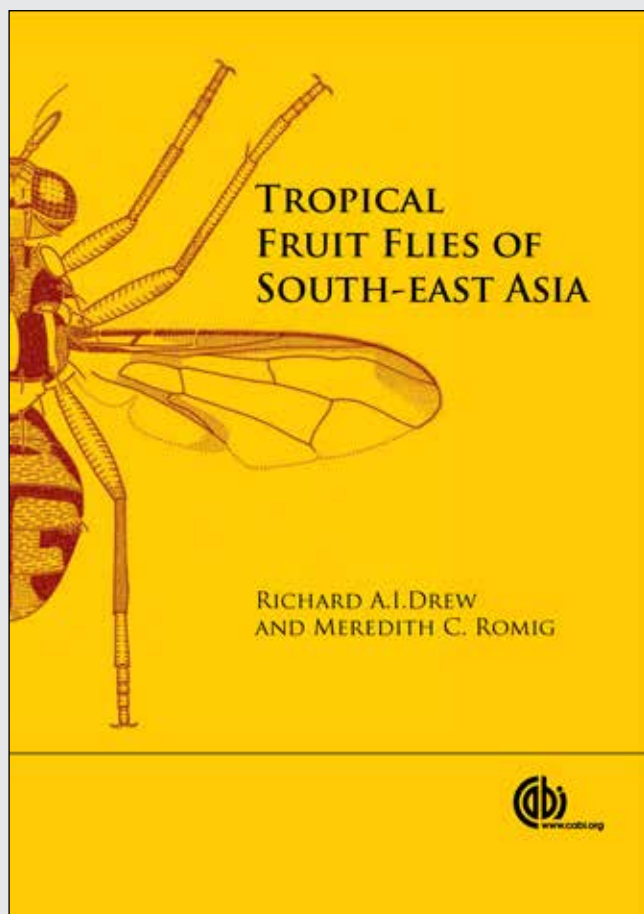
Botany, Production and Uses

Atul Bhargava and **Shilpi Srivastava**, both Amity University Uttar Pradesh
[Lucknow Campus], India

Quinoa is an invaluable crop, highlighted by the Food and Agriculture Organization of the United Nations (FAO) as one of the world's main crops for future food security. The first comprehensive review of quinoa, this book includes four sections covering the history of the crop, phylogeny and systematics, botany and agrotechnology, and the qualitative aspects, economics and marketing of quinoa, making it a vital resource for students and researchers of crop science.

September 2013 / 264 pages / HB / 9781780642260

US\$160



Tropical Fruit Flies of South-East Asia

(Tephritidae: Dacinae)

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

As global warming and species migration become more prevalent issues, there is an urgent need for a text that provides comprehensive taxonomic details and geographic distributions of Dacinae fruit flies within south-east Asia. In particular, some of the major pest species of this region are being introduced on a regular basis to new geographical areas, causing widespread food security issues and economic hardship. Quarantine and horticultural organisations require detailed information on these fruit fly species in order to detect and eradicate any new incursions. This major new reference work details the taxonomic research into the subfamily Dacinae, which contains the tropical fruit flies of south-east Asia, as well as many other regions of the world.

While focusing on south-east Asian fauna, all known species are included, through a study of the type material available in museums around the world. Specimens collected in major surveys conducted across Asia from 1983 to present have also been used to ensure a complete, in-depth review of this subfamily.

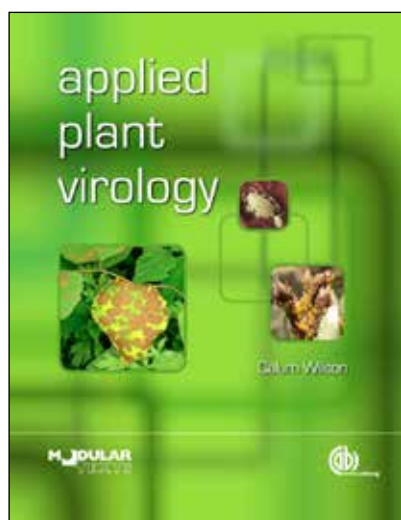
Providing complete descriptions and artwork of all species of Dacinae recorded from the south-east Asian region for the first time, this book is written and illustrated by experts with over 80 years' combined research experience. Areas covered include: India, Bhutan, Nepal, Sri Lanka, Myanmar, China, Taiwan, Japan, the Philippines, Palau, Vietnam, Thailand, Singapore, Malaysia and Indonesia. It is an essential reference for departments of agriculture, researchers and students of entomology and quarantine, horticultural and chemical industry personnel worldwide.

Key features:

- 120 recently discovered species
- 500 detailed drawings
- Revision of all known species
- Updated geographical distributions and host records
- Accurate list and detailed information of all known pest species

October 2013 / c.680 pages / HB / 9781780640358

US\$260



Applied Plant Virology

Modular Texts



Calum Rae Wilson, University of Tasmania, Australia

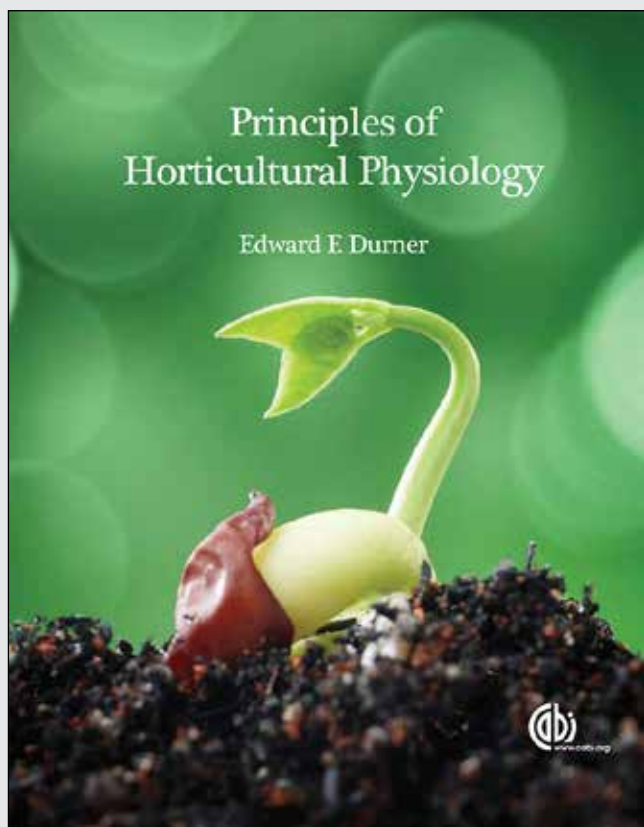
Written for advanced undergraduate students, this book is a practical, in-depth guide to plant virology. Beginning with an introduction to viruses and their classification, the text describes virus pathology, including how viruses enter and move through plant cells and induce disease. Subsequent chapters discuss how viruses spread in the field and how to measure this. Throughout, the book remains reader-friendly, using focus boxes for clear, easy to obtain information, enabling students to quickly access relevant information but supply sufficient detail for advanced studies. In addition to basic information on virus biology there is an additional focus on applied virology, ideal for students undertaking agricultural studies for whom study of disease and its control is essential.

April 2014 / c.200 pages / PB / 9781845939915

US\$75

April 2014 / c.200 pages / HB / 9781780644257

US\$110



June 2013 / 416 pages / PB / 9781780640259

June 2013 / 416 pages / HB / 9781780643069

Principles of Horticultural Physiology



Edward F Durner, Rutgers, The State University of New Jersey, USA

Understanding the physiology of plants is fundamental to horticultural studies and practice. Aimed at undergraduates, this major textbook covers applied aspects of physiology related to horticultural crops. The author discusses specific physiological processes in relation to horticultural management, maintaining a focus throughout on how horticultural practices influence plant productivity and quality.

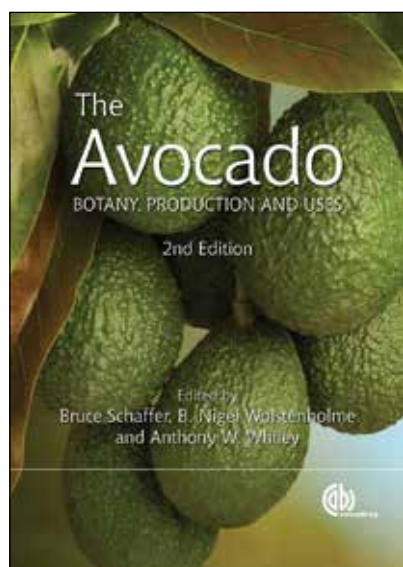
Principles of Horticultural Physiology begins by guiding students through the basics of plant physiology; plant anatomy and plant classification, before covering plant hormones, growth and development, and factors related to the external environment including water, light, temperature and soil. Greenhouse culture is also discussed, as well as practical management techniques including seeding, pruning and grafting.

The book concludes with real-world horticultural considerations of harvesting crops, packaging and transportation, postharvest physiology and marketing plant products, as well as a fascinating chapter on plants and human nutrition.

One of the text's chief virtues is the accessible way the author conveys sometimes complex information in an easy to follow style. An ideal resource for undergraduate students of horticulture, this book will act as a guide throughout the entire course.

US\$85

US\$180



The Avocado

Botany, Production and Uses

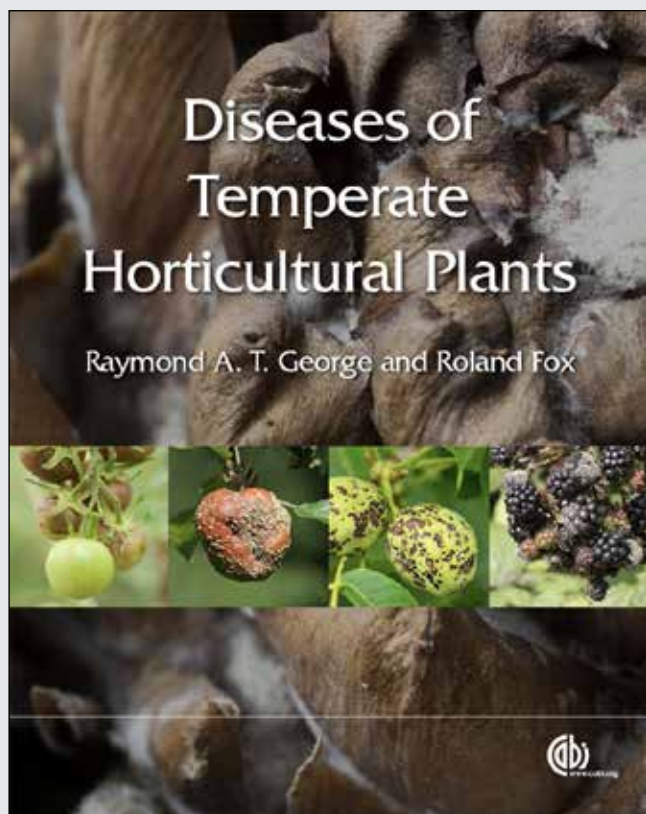
2nd Edition

Edited by **Bruce Schaffer**, University of Florida, USA, **B Nigel Wolstenholme**, University of Kwazulu-Natal, South Africa and **Anthony M Whitley**, Sunshine Horticultural Services Pty Ltd, Australia

Although avocado has been cultivated and consumed for more than 9000 years near its centre of origin in Latin America, world production and trade has increased dramatically over the past few decades. This fully updated new edition of the successful 2002 book provides a comprehensive review of avocado production, science and technology.

January 2013 / 576 pages / HB / 9781845937010

US\$220



Diseases of Temperate Horticultural Plants

Edited by **Raymond A T George**, formerly FAO, Rome, Italy and **Roland T V Fox**, formerly University of Reading, UK

Containing an extensive range of photographs and authored by leading horticultural experts, *Diseases of Temperate Horticultural Plants* is an indispensable reference work for horticultural professionals, academics, students, crop producers as well as amateur horticulturists. The diseases of major crops are presented according to their classification, and the symptoms of each disease, causal pathogen and control measures for each condition are described.

The crops covered include the major temperate horticultural crops, organised into easy to navigate sections divided into fruits, vegetables and ornamentals. Within fruits, apples and pears are discussed, as well as currants and berries, cherries, peaches and plums, nut crops and rhubarb. The vegetable section covers salad crops, brassicas and crucifers, cucurbits, root vegetables, bulb crops, solanaceous vegetables and some herbs.

The section on ornamental plants includes a wide range of ornamental garden plants, while a further section discusses diseases of turf grass and ornamental lawns. The book is user-friendly with practical, accessibly written entries organised into discrete sections.

The comprehensive nature of this work makes it an invaluable addition to any horticulturist's library with content that will remain current for years to come.

July 2014 / c.400 pages / HB / 9781845937737

US\$180



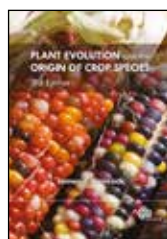
Natural Antioxidants and Biocides from Wild Medicinal Plants

Edited by **Carlos L Cespedes**, University of Bio Bio, Chile, **D A Sampietro**, Universidad Nacional de Tucuman, **D S Seigler**, University of Illinois, USA and **Mahendra Rai**, SGB Amravati University, India

This book provides an up-to-date treatment of antioxidant and biocidal compounds from Latin American plants. Descriptions are given for antioxidants with medicinal and biocidal properties; peptides with insecticidal and antimicrobial properties; and phytoecdysteroids, alkaloids, polyphenols, terpenoids with allelochemical properties.

April 2013 / 288 pages / HB / 9781780642338

US\$180



Plant Evolution and the Origin of Crop Species

3rd Edition

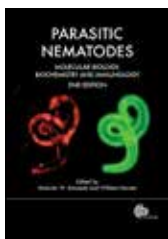
James F Hancock, Michigan State University, USA

This third edition brings the subject up-to-date, with more emphasis on crop origins. Beginning with a description of the processes

of evolution in native and cultivated plants, the book reviews the origins of crop domestication and their subsequent development over time. All major crop species are discussed, from their origins to conservation of their genetic resources for future development.

July 2012 / 256 pages / HB / 9781845938017

US\$160



Parasitic Nematodes Molecular Biology, Biochemistry and Immunology

2nd Edition

Edited by **Malcolm W Kennedy**, University of Glasgow, UK and **William Harnett**, University of Strathclyde, UK

Covering a broad range of rapidly-developing research into parasitic nematodes, this comprehensively updated new edition discusses the genetics, biochemistry and immunology of nematode parasites of humans as well as domestic animals and plants.

June 2013 / 448 pages / HB / 9781845937591

US\$230



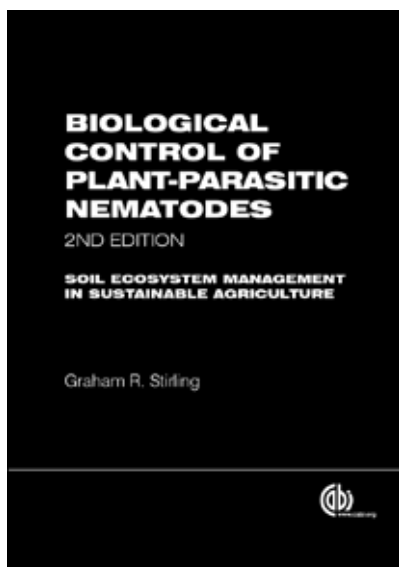
Abiotic Stresses in Crop Plants

Edited by **Usha Chakraborty** and **Bishwanath Chakraborty**

This book is based to a great extent on the biochemical and molecular mechanisms of tolerance of commonly encountered abiotic stresses in nature. Covering increasing temperature, flooding, drought, salinity, and heavy metals and ozone, it discusses how these abiotic stresses can be managed in a cost-effective and eco-friendly way by microbes through their alleviation mechanisms. Designed in four sections, it considers each stress and their alleviation methods in detail.

August 2014 / c.350 pages / HB / 9781780643731

US\$180



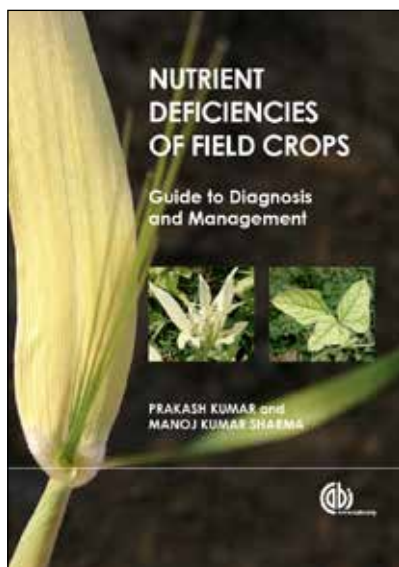
Biological Control of Plant-parasitic Nematodes, 2nd Edition Soil Ecosystem Management in Sustainable Agriculture

Graham R Stirling, Biological Crop Protection Pty. Ltd, Australia

Plant-parasitic nematodes are one of multiple causes of soil-related sub-optimal crop performance. This book integrates soil health and sustainable agriculture with nematode ecology and suppressive services provided by the soil food web to provide holistic solutions. Biological control is an important component of all nematode management programmes, and with a particular focus on integrated soil biology management, this book describes tools available to farmers to enhance the activity of natural enemies, and utilize soil biological processes to reduce losses from nematodes.

July 2014 / c.496 pages / HB / 9781780644158

US\$240



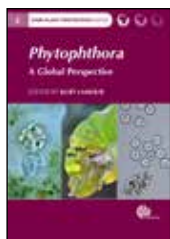
Nutrient Deficiencies of Field Crops Guide to Diagnosis and Management

Prakash Kumar, District Agriculture Office, India and **Manoj Kumar Sharma**, Department of Agriculture, India

Nutrient imbalance in soils is an emerging threat to sustainable agriculture: intensive cultivation, use of poor quality groundwater, depletion of soil organic matter and excessive use of fertilizers are major reasons for poor soil fertility worldwide. This necessitates correct diagnosis of plant nutrient deficiencies to avoid further use of pesticides in cases where pests or pathogens that are not in fact the cause of poor crop health. Richly illustrated with 600 colour photographs, this book is a visual field identification guide for symptoms of most common nutrient deficiencies in field crops, covering all their stages of occurrence. Detailed descriptions and suggested for management practices are given with each entry.

November 2013 / c.400 pages / HB / 9781780642789

US\$240



Phytophthora **A Global Perspective**

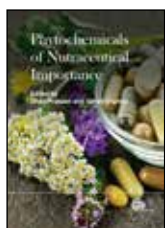
CABI Plant Protection Series, No 2

Edited by **Kurt Lamour**, University of Tennessee, USA

Members of the genus *Phytophthora* cause serious damage to a huge array of plants. This book provides an overview of *Phytophthora* species impacting crops, forests, nurseries, greenhouses and natural areas worldwide. Chapters cover major hosts, identification, epidemiology, management, current research, future perspectives and the impacts of globalization on *Phytophthora*.

March 2013 / 256 pages / HB / 9781780640938

US\$160



Phytochemicals of Nutraceutical Importance

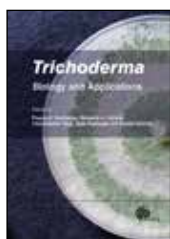
Edited by **Dhan Prakash** and **Girish Sharma**

Nutraceuticals are bioactive phytochemicals that protect or promote health and occur at the intersection of food and pharmaceutical industries. This book will cover a wider spectrum of human health and diseases

including the role of phytonutrients in the prevention and treatment. The book includes chapters dealing with biological and clinical effect, molecular level approach, quality assurance, bioavailability and metabolism of a number phytochemicals and their role to combat different diseases.

December 2013 / c.360 pages / HB / 9781780643632

US\$240



Trichoderma **Biology and Applications**

Edited by **Prasun K Mukherjee**, Central Institute for Cotton Research, India, **B A Horwitz**, Israel Institute of Technology, Israel, **U S Singh**, IRRI, India, **Mala Mukherjee**, Central Institute for Cotton Research, India and **Monika Schmoll**, AIT, Austria

Trichoderma spp. are biotechnologically significant fungi, being widely used both in agriculture and industry. Divided into three sections, covering taxonomy and physiology, interactions with plants and applications and significance, this book discusses topics that have seen rapid developments in the recent years. Various aspects of *Trichoderma* like molecular taxonomy, sexual and asexual developments, secondary metabolism, beneficial interactions with plants, applications as cell factories and harmful interactions with humans are discussed.

September 2013 / 344 pages / HB / 9781780642475

US\$180



Fruit Ripening **Physiology, Signalling and Genomics**

Edited by **Pravendra Nath**, National Botanical Research Institute, India, **Mondher Bouzayen**, INRA, France, **Autar K. Mattoo**, USDA and **Jean-Claude Pech**, ENSA, France

Fruit ripening is an important aspect of fruit production. The timing of it affects supply chains and buying behaviour, and for consumers ripeness not only affects perceptions of health but has nutritional effects too. Ripeness is closely related to spoilage which has a major financial impact on agricultural industries. Currently there are fast moving developments in knowledge of the factors affecting fruit ripeness, and this up-to-date monograph seeks to draw together the disparate research in this area. The aim of the book is to produce a comprehensive account covering almost every area related to fruit ripening including the latest molecular mechanisms regulating fruit ripening, its impact on human nutrition and emerging research and technologies.

June 2014 / c.256 pages / HB / 9781845939625

US\$160



Plant Adaptation to Environmental Change

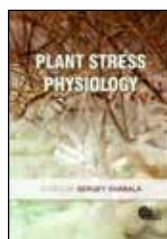
Significance of Amino Acids and their Derivatives

Edited by **Naser A Anjum**, University of Aveiro, Portugal, **Sarvajeet Singh Gill**, MD University, India and **Ritu Gill**, MD University, India

Plants constantly cope with unfavourable ecosystem conditions, which often prevent them reaching their full genetic potential in terms of growth, development and productivity. This book covers plants' responses to these environmental changes, namely, the modulation of amino acids, peptides and amines to combat both biotic and abiotic stress factors. Bringing together the most recent developments, this book is an important resource for researchers and students of crop stress and plant physiology.

December 2013 / c.376 pages / HB / 9781780642734

US\$220



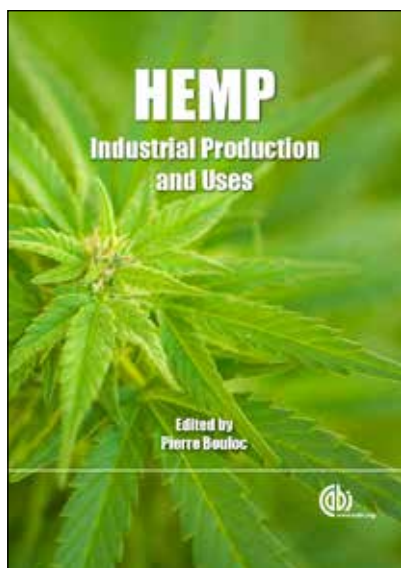
Plant Stress Physiology

Edited by **Sergey Shabala**, University of Tasmania, Australia

This book provides a timely update on the recent progress in our knowledge on all aspects of plant's perception, signalling and adaptation to a variety of environmental stresses such as drought, salinity, temperature and pH extremes, waterlogging, oxidative stress, and pathogens.

May 2012 / 328 pages / HB / 9781845939953

US\$160



Hemp

Industrial Production and Uses

Edited by **Pierre Bouloc**, **Serge Allegret** and **Laurent Arnaud**, all La Chanvrière de L'Aube (LCDA), France

Hemp production for industrial purposes continues to grow worldwide, and is currently being used for many applications including house insulation, paper making, animal bedding, fabric, rope making and also as a biofuel. This book brings together international experts to examine all aspects of industrial hemp production, including the origins of hemp production, as well as the botany and anatomy, genetics and breeding, quality assessment, regulations, and the agricultural and industrial economics of hemp production. A translation of *Le Chanvre Industriel*, this book has been revised and updated for an international audience and is essential reading for producers of industrial hemp, industry personnel and agriculture researchers and students.

September 2013 / 328 pages / PB / 9781845937928

US\$85

September 2013 / 328 pages / HB / 9781845937935

US\$160



Blueberries

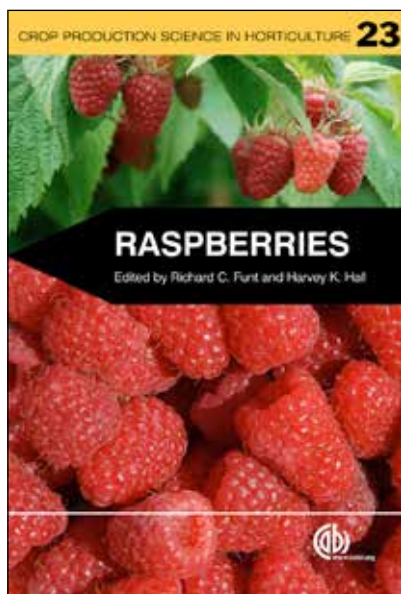
Crop Production Science in Horticulture, No. 21

Jorge B Retamales, Universidad de Talca, Chile and **James F Hancock**, Michigan State University, USA

This practical book covers the major topics of interest to blueberry breeders and researchers including botany, physiology, nutrition, growth regulation, photosynthesis, environment, weeds, pests, diseases and postharvest management. The main focus is on the most important cultivated species, the highbush blueberry, although information on other blueberries and related species is also provided.

February 2012 / 336 pages / PB / 9781845938260

US\$85



Raspberries

Crop Production Science in Horticulture, No. 23

Edited by **Richard C Funt**, Ohio State University, USA and **Harvey K Hall**, Shekinah Berries Ltd., New Zealand

Providing an international overview of the modern raspberry industry, this book covers North America, Europe, Asia and the Middle East. It discusses all aspects of raspberry growing, including plant growth and development, cultivar description and selection, site selection and preparation (including soil and drainage), climate, pest control, irrigation, shipping, economics, harvesting and the marketing of the final product. Much of this publication covers research based information, including hundreds of references and nearly eighty full colour plates.

Taking a global perspective, this book provides a comprehensive yet concise reference for all horticulture students, raspberry growers, producers and fruit industry personnel looking for the latest information in raspberry production.

March 2013 / 300 pages / PB / 9781845937911

US\$72.50



The UK Pesticide Guide 2014

Edited by **Martin A Lainsbury**, Independent Consultant, UK

The UK Pesticide Guide is the most authoritative source of information on pesticides and adjuvants for UK agriculture, horticulture, forestry and amenity use. Edited by a leading authority in the field, this new edition is thoroughly updated with new active ingredient listings, including some new combinations of existing actives.

This information is also available as an online resource. For more information and to subscribe, visit www.plantprotection.co.uk

January 2014 / c.800 pages / PB / 9781780644103

US\$90



Tropical Fruits, 2nd Edition Volume 2

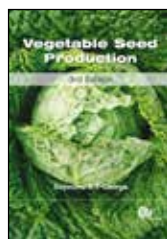
**Crop Production Science in Horticulture,
No. 24**

Robert E Paull, University of Hawaii at Manoa, USA and **Odilo Duarte**, Escuela Agrícola Panamericana – El Zamorano, Honduras

Volume 2 of this revised edition of *Tropical Fruits* examines the more specialist tropical fruits such as guava, durian, mangosteen, passion fruits and palm fruits. With growing interest in the cultivation, production, study, sales and marketability of these specialist fruits, this is a timely and informative book.

November 2012 / 384 pages / PB / 9781845937898

US\$85



Vegetable Seed Production, 3rd Edition

Raymond A T George, formerly of FAO, Rome, Italy

Providing a broad and expert coverage of the horticultural production of vegetables grown from seed, this fully updated new edition includes new coverage of the production of genetically modified crops, organic seed production, packaging, and honey bee population, as well as updated references and further reading.

April 2013 / 328 pages / PB / 9781780643687

US\$65

October 2011 / 328 pages / HB / 9781845935214

US\$135



Integrated Pest Management Principles and Practice

Edited by **Dharam P Abrol** and **Uma Shankar**, Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu, India

Providing a critical evaluation of the management strategies involved in ecologically-based pest management, this book presents a balanced overview of environmentally safe and ecologically sound approaches and also provides a multidisciplinary and multinational perspective on integrated pest management.

July 2012 / 512 pages / HB / 9781845938086

US\$240



Fungal Plant Pathogens Principles and Protocols Series

Edited by **Charles R Lane**, **Paul Beales** and **Kelvin J D Hughes**, The Food and Environment Research Agency (Fera), UK

Covering the key techniques used when working with fungal plant pathogens, this book is unique in its practical focus, providing an overview of both traditional and emerging methods and their applications, and detailed protocols on completion techniques.

March 2012 / 324 pages / PB / 9781845936686

US\$75



Plant Pest Risk Analysis Concepts and Application

Edited by **Christina Devorshak**,
USDA-APHIS-PPQ

Pest risk analysis informs decisions for regulatory plant protection, from domestic activities such as prioritizing pests for surveillance to making quarantine decisions regarding the importation of products. Written by practicing risk analysts, this text provides a solid foundation in pest risk analysis and its application to regulatory plant protection.

November 2012 / 312 pages / HB / 9781780640365 US\$145



Peppers Botany, Production and Uses

Edited by **Vincent M Russo**, USDA/ARS

This book examines peppers from historical, genetic, physiological and production perspectives, following the development of the cultivated crop from the wild type. Diverse examples of pod types and their variation in pungency are examined. Production methods and constraints are discussed, harvesting methods and post-harvest challenges and opportunities are also explored.

February 2012 / 280 pages / HB / 9781845937676 US\$160



Greenhouse Technology and Management 2nd Edition

Nicolas Castilla, Agricultural Research and
Training Institute, Andalucía, Spain

Greenhouse cultivation has expanded in recent decades with increased demand for food production and newly developed technologies to improve processes. This book concentrates on plant production in plastic greenhouse conditions, and covers fertilization, plant protection, current technologies and management practices.

December 2012 / 360 pages / HB / 9781780641034 US\$180



Biological Control Programmes in Canada 2001-2012

Edited by **Peter G Mason** and **David R Gillespie**, Agriculture and Agri-Food Canada

Canada is a world leader in biological control research. Reporting the status of biocontrol agents released in Canada over the last decade, this book presents case studies by target pest that evaluate the impact of biocontrol and recommend future priorities.

October 2013 / 504 pages / HB / 9781780642574 US\$220



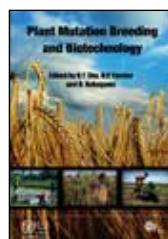
Biopesticides Pest Management and Regulation

**Alastair Bailey, David Chandler,
Wyn P Grant, Justin Greaves,
Gillian Prince and Mark Tatchell**

Biopesticides addresses the challenges of insufficient information and imperfectly understood regulatory processes in using biopesticides. It takes an interdisciplinary approach providing internationally comparative analyses on the registration of biopesticides and debates future biopesticide practices

November 2012 / 240 pages / PB / 9781845939779 US\$72.50

October 2010 / 240 pages / HB / 9781845935597 US\$145



Plant Mutation Breeding and Biotechnology

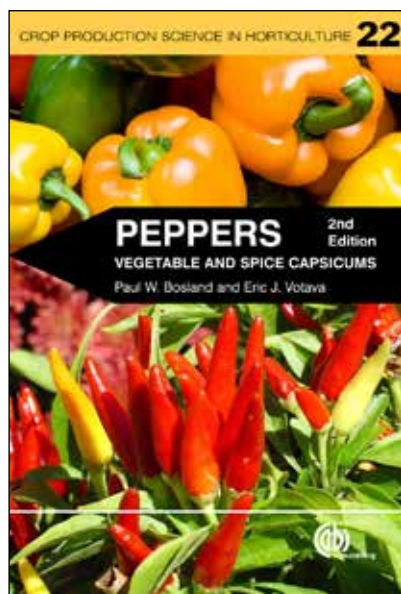
Co-published with FAO and IAEA

Qing-Yao Shu, Joint FAO/IAEA Division,
International Atomic Energy Agency, Austria,
Brian P Forster, BioHybrids International
Limited, UK, **Hitoshi Nakagawa**, Biomass
Research & Development Center, National
Agriculture and Food Research Organization

(NARO), Japan

This comprehensive book covers the underlying scientific principles, state-of-the-art technologies and methodologies of plant mutagenesis. It covers historical development and commonly used terminologies, chemical and physical mutagenesis, mutation induction, mutation breeding and mutations in functional genomics research.

October 2012 / 616 pages / HB / 9781780640853 US\$240



Peppers

Vegetable and Spice Capsicums, 2nd Edition

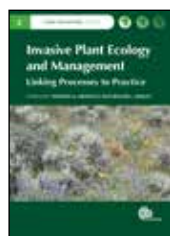
Crop Production Science in Horticulture, No. 22

Paul W Bosland, New Mexico State University, USA and **Eric J Votava**, Tierra del Sol Organics, Texas, USA

This second edition expands upon topics covered in the first, and brings the text up to date with current research. New material includes an expansion of marker-assisted breeding to cover the different types of markers available, new directions and trends in the industry, the loss of germplasm and access to it, and the long term preservation of Capsicum resources worldwide.

April 2012 / 248 pages / PB / 9781845938253

US\$85



Invasive Plant Ecology and Management

Linking Processes to Practice

CABI Invasives Series, No. 2

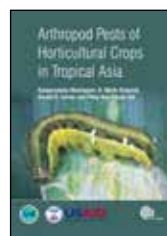
Edited by **Thomas A Monaco**, USDA-ARS, Forage and Range Research Laboratory, Utah State University, USA and **Roger L Sheley**, USDA-ARS, Eastern Oregon

Agricultural Research Center, USA

Bringing together ecology and management of invasive plants within natural and agricultural ecosystems, this book bridges the knowledge gap between the processes operating within ecosystems and the practices used to prevent, contain, control and eradicate invasive plant species.

March 2012 / 216 pages / HB / 9781845938116

US\$145



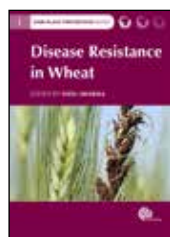
Arthropod Pests of Horticultural Crops in Tropical Asia

Rangaswamy Muniappan, IPM CRSP, USA, **B. Merle Shepard**, Clemson University, USA, **Gerald R Carner**, Clemson University, USA and **Peter Aun-Chuan Ooi**, AVRDC – The World Vegetable Center, Thailand

This book consolidates the research on pests of South and Southeast Asia, it covers the main arthropod pests of twenty five major crops, with colour photographs of their adult and immature stages, their distribution, biology, disease vectors, symptoms of the damage they cause and their natural enemies.

October 2012 / 184 pages / HB / 9781845939519

US\$145



Disease Resistance in Wheat

CABI Plant Protection Series, No. 1

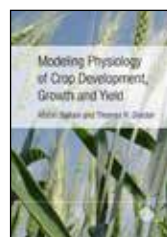
Edited by **Indu Sharma**, Punjab Agricultural University, India

Disease resistance is a major factor that can be improved to sustain yield potential in cultivated crops. This book looks at disease resistance in wheat, concentrating on all

the economically important diseases – their economic impact and geographical spread, breeding for resistance, pathogen variability, resistance mechanisms and recent advances made on resistance genes.

May 2012 / 336 pages / HB / 9781845938185

US\$180



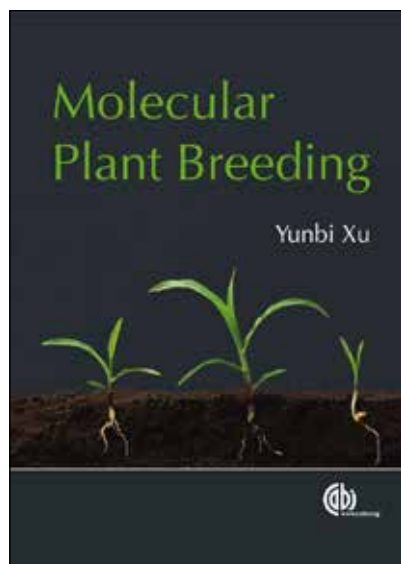
Modeling Physiology of Crop Development, Growth and Yield

Afshin Soltani, Gorgan University of Agricultural Sciences and Natural Resources, Iran and **Thomas R Sinclair**, University of Florida, USA

Model studies focus experimental investigations to improve our understanding and performance of systems. Concentrating on crop modeling, this book provides an introduction to the concepts of crop development, growth, and yield, with step-by-step outlines to each topic, suggested exercises and simple equations.

March 2012 / 336 pages / HB / 9781845939700

US\$190



Molecular Plant Breeding



Yunbi Xu, International Maize and Wheat Improvement Centre (CIMMYT), Mexico

Molecular Plant Breeding provides an integrative overview of issues from basic theories to their applications to crop improvement. Providing an integrated profile of molecular breeding in plants, this book is an essential resource for researchers and students involved in plant biology and breeding, genetics and applied genomics.

January 2012 / 752 pages / PB / 9781845939823

US\$115

February 2010 / 752 pages / HB / 9781845933920

US\$240



Plant Sciences Reviews 2012

Edited by **David Hemming**, CABI, UK

Plant Sciences Reviews 2012 provides scientists and students in the field with timely analysis on key topics in current research. Originally published online in *CAB Reviews*, this volume makes available in printed form the reviews in plant sciences published during 2012.

March 2013 / 616 pages / HB / 9781780643007

US\$180



Plant Sciences Reviews 2011

Edited by **David Hemming**, CABI, UK

Plant Sciences Reviews 2011 provides scientists and students in the field with timely analysis on key topics in current research. Originally published online in *CAB Reviews*, this volume makes available in printed form the reviews in plant sciences published during 2011.

March 2013 / 616 pages / HB / 9781780640150

US\$265



Pesticide Manual A World Compendium

2nd Edition

C MacBean

This is an essential reference book and data source for all those requiring authoritative, impartial and accurate information on crop protection active ingredients.

November 2012 / 1457 pages / HB / 9781901396867

US\$525



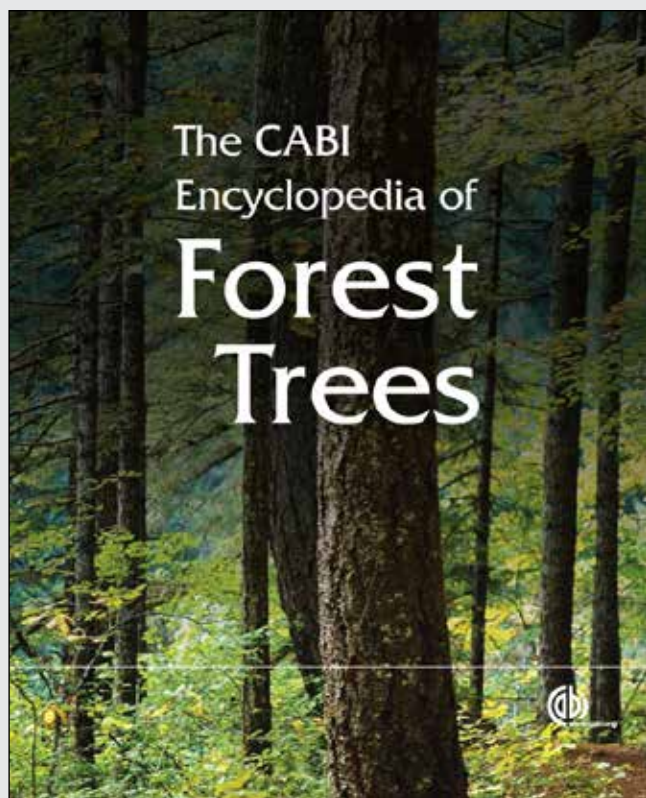
Crop Plant Anatomy

Ratikanta Maiti, Vibha Agrotech Ltd, India, **Pratik Satya**, Central Research Institute for Jute and Allied Fibres, India, **Dasari Rajkumar**, Vibha Agrotech Ltd, Hyderabad, India and **Allam Ramaswamy**, Vibha Agrotech Ltd, Hyderabad, India

Divided into four sections covering anatomy in relation to crop management, anatomical descriptions of the major crop plants, anatomical changes in adaptation to environments and the link between anatomy and productivity, this book provides a comprehensive source of crop plant anatomy information.

August 2012 / 328 pages / HB / 9781780640198

US\$145



September 2013 / 536 pages / HB / 9781780642369

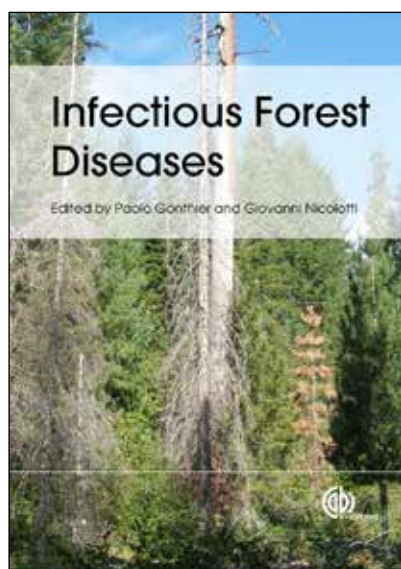
US\$290

The CABI Encyclopedia of Forest Trees

The CABI Encyclopedia of Forest Trees provides an extensive overview of 300 of the world's most important forest trees. Tropical, subtropical, temperate and boreal trees of major economic importance are included, covering tree species used in agroforestry practices around the world. Many of the species covered are considered to be 'multipurpose' trees with uses extending beyond timber alone; the land uses such as watershed protection or provision of windbreaks, and non-wood uses such as the production of medicines, resins, food and forage, are also listed.

Comprehensive information is presented on each tree's importance, with a summary of the main characteristics of the species, its potential for agroforestry use and any disadvantages it possesses. The tree's botanical features such as habit, stem form, foliage, inflorescence, flower and fruit characters and phenology are covered in detail with over 70 colour plate pictures to aid identification.

Also included are specific sections devoted to pests and diseases, distribution and silvicultural characteristics and practices, including seed sowing, nursery care, planting, thinning, and harvesting. In addition to the wealth of information detailed, based on datasheets from CABI's Forestry Compendium, selected references for further reading are provided for each entry, making this book an essential reference work for forestry students, researchers and practitioners.



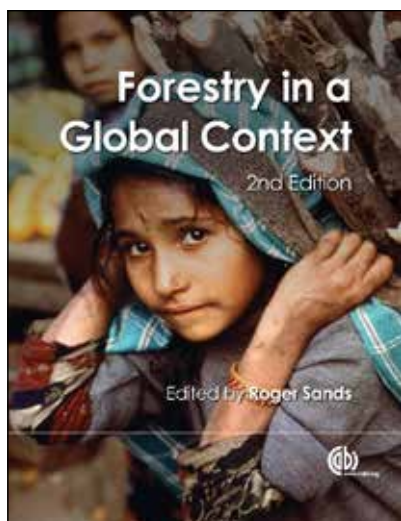
Infectious Forest Diseases

Edited by **Paolo Gonthier**, University of Torino, Italy and **Giovanni Nicolotti**, formerly University of Torino, Italy

This book covers recent advances in the management of forest diseases, including the epidemiology and infection biology of forest pathogens, and forest protection based on integrated pest and disease management approaches. A comprehensive range of diseases are discussed in detail, making this book essential reading for forest managers and extension specialists.

June 2013 / 672 pages / HB / 9781780640402

US\$275



Forestry in a Global Context, 2nd Edition



Edited by **Roger Sands**, New Zealand School of Forestry, University of Canterbury, New Zealand

From the time of hunter-gatherers to the present day, forests have played a vital role in the development of humanity and society. This broad introductory text sets world forestry in a social, environmental, historical, and economic context. The development of forests, grassland and humans is described from the Devonian through to the Age of Agriculture, covering the factors determining the distribution of forests, the classification of forest types, the value and benefits of the forest and the products of the forest and their associated trade. The book also explores issues such as sustainable forest management, current patterns of deforestation and reforestation, and future challenges facing our forests. Fully updated throughout and with new contributions from international experts, this second edition includes new chapters on climate change and international forest policy, and expanded coverage of forest products and bioenergy production.

October 2013 / c.264 pages / PB / 9781780641584

US\$85

October 2013 / c.264 pages / HB / 9781780641560

US\$160



The Silviculture of Trees Used in British Forestry 2nd Edition

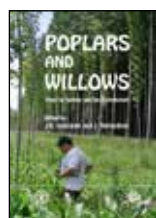
Peter S Savill, British and Irish Hardwoods Improvement, UK

Fully updated throughout, this new edition describes the silvicultural characteristics

of trees commonly grown in the UK, including all important native species and a selection of some of the most significant exotics. With details of climatic zones, soils, productivity, pests and diseases, this book provides concise but detailed information regarding the establishment and management of forests. Detailed drawings and simple keys for identification are included.

March 2013 / 288 pages / HB / 9781780640266

US\$145



Poplars and Willows Trees for Society and the Environment

Co-published with The Food and Agriculture Organization of the United Nations

Edited by **J G Isebrands**, Environmental Forestry Consultants, LLC, USA and **J Richardson**, J Richardson Consulting, Canada

Poplars and willows form an important component of forestry and agricultural systems, providing a wide range of wood and non-wood products. This book synthesizes research on poplars and willows, providing a practical worldwide overview and guide to their basic characteristics, cultivation and use, issues, problems and trends. Prominence is given to environmental benefits and the importance of poplar and willow cultivation in meeting the needs of people and communities, sustainable livelihoods, land use and development.

November 2013 / 672 pages / HB / 9781780641089

US\$260



Insect Pests in Tropical Forestry 2nd Edition

F Ross Wylie, Queensland Government, Australia and **Martin R Speight**, University of Oxford, UK

The management of tropical forest ecosystems is essential to the health of the planet. This

book addresses forest insect pest problems across the world's tropics. Fully updated, this second edition also includes discussions of new areas of interest including climate change, invasive species, forest health and plant clinics.

July 2012 / 376 pages / PB / 9781845936358

US\$75

July 2012 / 376 pages / HB / 9781845936355

US\$125



Introductory Probability and Statistics

Applications for Forestry and Natural Sciences

Antal Kozak, **Robert A Kozak** and **Susan B Watts**, University of British Columbia, Canada and **Christina L Staudhammer**, University of Alabama, USA

With interest growing in areas of forestry, conservation and other natural sciences, the need to organize and tabulate large amounts of forestry and natural science information has become a necessary skill. This book utilises basic descriptive statistics and probability, as well as commonly used statistical inferential tools to introduce topics that are commonplace in a forestry context.

January 2012 / 448 pages / PB / 9781780640518

US\$70

June 2008 / 448 pages / HB / 9781845932756

US\$115



Plant Genetic Resources and Climate Change

CABI Climate Change Series

Edited by **Michael Jackson**, formerly International Rice Research Institute, The Philippines, **Brian V Ford-Lloyd**, University of Birmingham, UK and **Martin L Parry**, Imperial College, UK

This book addresses the current state of climate change predictions, and how climate change will affect conservation and use of crop germplasm, both ex situ and in situ. In addition, specific examples of germplasm research related to 'climate change threats' are highlighted. Such activities need to take place under a regime of access to and use of germplasm through international conventions and treaties.

December 2013 / c.288 pages / HB / 9781780641973 US\$160



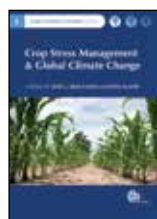
Managing Water and Agroecosystems for Food Security

Comprehensive Assessment of Water Management in Agriculture Series, No.10

Edited by **Eline Boelee**, Water Health, The Netherlands

Water protection, food production and ecosystem health are worldwide issues. Changes in the global water cycle are affecting human wellbeing in many places, while widespread land and ecosystem degradation, driven by poor agricultural practices, is seriously limiting food production. Understanding the links between ecosystems, water, and food production is important to the health of all three, and sustainably managing these connections is becoming increasingly necessary. This book shows how sustainable ecosystems, especially agroecosystems, are essential for water management and food production.

August 2013 / 192 pages / HB / 9781780640884 US\$145



Crop Stress Management and Global Climate Change

CABI Climate Change Series

Edited by **Jose Luis Araus**, International Maize and Wheat Improvement Center (CIMMYT), Mexico and **Gustavo A Slafer**, University of Lleida, Spain

Climate change is a diverse, multifactorial phenomenon, meaning that the agronomic strategies needed are case-specific and will have regional differences. This book provides an integrated view of the challenges and opportunities that will face agriculture in the future as a result of climate change. It discusses how the stresses resulting from climate change can be overcome by assessing, measuring and predicting environmental changes and stresses, identifying opportunities and adapting to change and responding to multifactorial change. Challenges and potential strategies that might be taken to overcome these are illustrated using a number of case studies.

November 2011 / 224 pages / HB / 9781845936808 US\$145

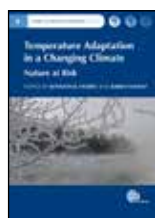


Irrigation Management Principles and Practices

Martin Burton

This paperback reprint of a successful book offers knowledge for the management of irrigation and drainage systems, including technical areas of systems operation and maintenance, and managerial, institutional and organizational aspects. Chapters provide guidelines to develop these processes and improve efficiency in irrigated agriculture.

December 2013 / 386 pages / PB / 9781780644349 US\$72.50



Temperature Adaptation in a Changing Climate

Nature at Risk

CABI Climate Change Series

Edited by **Kenneth B Storey**, Carleton University, Canada and **Karen K Tanino**, University of Saskatchewan, Canada

Temperature adaptation is a much neglected field in the minds of climate change researchers and policy makers. However, increasing fluctuations in temperature mean that the risk of cold and heat stress will pose an increasing threat to both wild and cultivated plants and animals, with frost injury expected to cause devastating damage to crops on an increasingly large scale. Thus, improving shared knowledge of the biological mechanisms of temperature adaptation in plants and animals will help prevent major losses of crops and genetic resources in the future.

November 2011 / 248 pages / HB / 9781845938222 US\$160



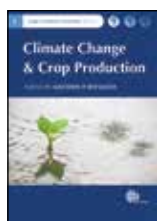
Climate Change Impact and Adaptation in Agricultural Systems

CABI Climate Change Series

Edited by **Jürg Fuhrer**, Oeschger Center for Climate Change Research, University of Bern, Switzerland and **Peter Gregory**, University of Reading, UK

The focus of this book is future global climate change and its implications for agricultural systems which are the main sources of agricultural goods and services provided to society. These systems are either based on crop or livestock production, or on combinations of the two, with characteristics that differ between regions and between levels of management intensity. In turn, they also differ in their sensitivity to projected future changes in climate, and improvements to increase climate-resilience need to be tailored to the specific needs of each system.

June 2014 / c.256 pages / HB / 9781780642895 US\$160



Climate Change and Crop Production

CABI Climate Change Series

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. Chapters include discussions of adapting to biotic and abiotic stresses, sustainable and resource-conserving technologies and new tools for enhancing crop adaptation. Examples of successful applications as well as future prospects of how each discipline can be expected to evolve over the next 30 years are also presented. Laying out the basic concepts needed to adapt to and mitigate changes in crop environments, this is an essential resource for researchers and students in crop and environmental science as well as policy makers.

May 2010 / 320 pages / HB / 9781845936334

US\$170



Life at Extremes

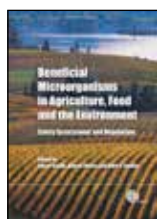
Environments, Organisms and Strategies for Survival

Edited by **Elanor M Bell**, Australian Marine Mammal Centre, Australia

From icy poles to arid deserts, boiling pools to the depths of the sea, this exciting new work studies the remarkable life forms that have made these inhospitable environments their home. A fascinating and comprehensive resource, this book is packed with colour figures and photos showcasing the most extreme environments and the organisms that have adapted to live in them.

March 2012 / 576 pages / HB / 9781845938147

US\$180



Beneficial Microorganisms in Agriculture, Food and the Environment

Safety Assessment and Regulation

Edited by **Ingvar Sundh**, Swedish University of Agricultural Sciences, Sweden, **Andrea Wilcks**, Danish Working Environment Authority, Denmark and **Mark S Goettel**, formerly Agriculture and Agri-Food Canada, Lethbridge, Canada

This book provides an overview of the available methodology for safety assessments of microorganisms. Also covered are the regulatory systems in risk assessment and management of microbial products, quarantine legislations, international treaties, the importance of public risk perception and risk reduction behaviour.

November 2012 / 360 pages / HB / 9781845938109

US\$180



Invasive Species and Global Climate Change

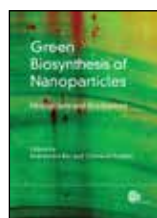
CABI Invasives Series

Edited by **Lewis Ziska**, USDA-ARS, USA and **Jeffrey Dukes**, Purdue University, USA

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. This book will be of great value to researchers, policymakers and industry in responding to changing management needs.

July 2014 / c.288 pages / HB / 9781780641645

US\$160



Green Biosynthesis of Nanoparticles

Mechanisms and Applications

Edited by **Mahendra Rai**, SGB Amravati University, India and **Clemens Posten**, Karlsruhe Institute of Technology, Germany

There are physical and chemical methods of synthesis of nanomaterials. But due to the damage caused by these methods to the environment there is a pressing need of green nanotechnology, which is a clean and eco-friendly technology for the development of nanomaterials. This book includes green synthesis of nanoparticles by algae, diatoms and plants. The mechanism behind the synthesis of nanoparticles is also discussed.

November 2013 / c.256 pages / HB / 9781780642239

US\$180



Microbial Biotechnology

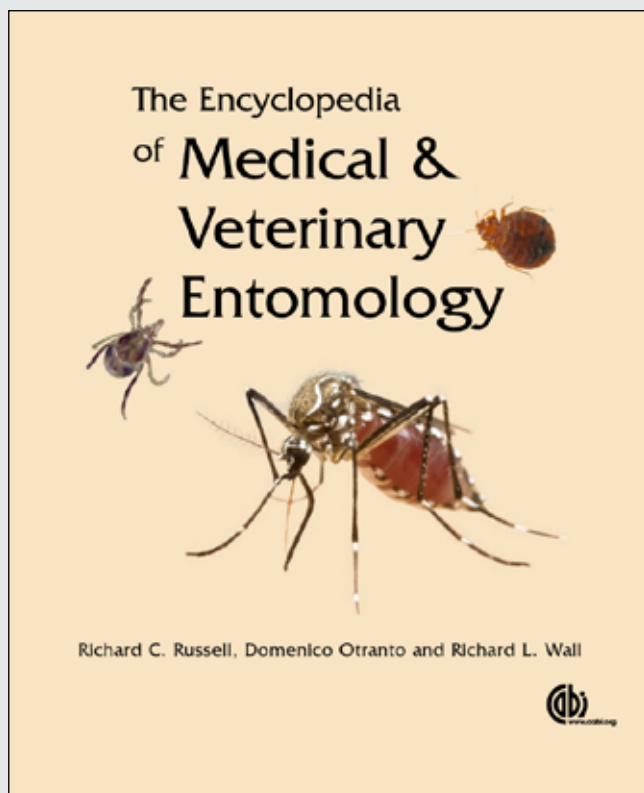
Energy and Environment

Edited by **Rajesh Arora**, Defence Research and Development Organization, India

Human actions across the past few centuries have led to a depletion of the world's natural energy sources, as well as large scale environmental degradation. In the context of these current global issues, this book covers the latest research on the application and use of microbes in topical areas such as bioremediation and biofuels.

November 2012 / 416 pages / HB / 9781845939564

US\$180



The Encyclopedia of Medical and Veterinary Entomology

Richard C Russell, University of Sydney, Australia, **Domenico Otranto**, University of Bari, Italy and **Richard Wall**, University of Bristol, UK

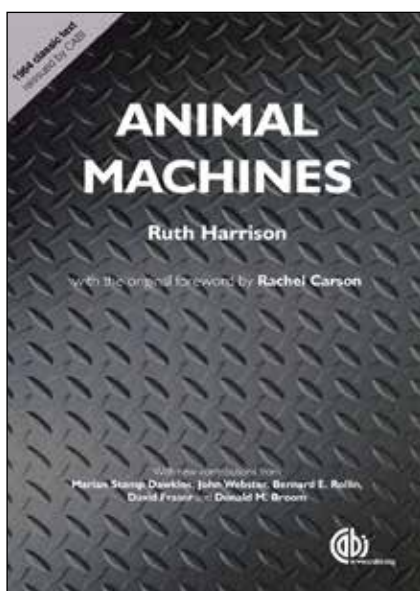
Arthropod transmitted infections continue to be a front-line issue in all regions of the world. Understanding the insects that transmit diseases, the mechanisms of infection and the resulting diseases is vital to doctors, veterinarians, public health workers and disease control agencies.

This major reference examines the biology, classification and control of arthropods that cause disease in animals and humans. The morphology, taxonomy and phylogeny of fleas, flies, lice, mites, midges, mosquitoes and ticks are described, with descriptions of their medical and veterinary significance, diseases they cause, insect distribution and global disease spread.

Updated, developed and reworked from Doug Kettle's seminal *Medical and Veterinary Entomology*, this major new reference presents vital information in encyclopedia format, with alphabetical entries and an extensive index to make key facts easy to find. This new treatment of the subject provides accessible content and up-to-date research, illustrated by line drawings and colour photographs.

June 2013 / 440 pages / HB / 9781780640372

US\$240



Animal Machines

Ruth Harrison, Animal welfare author (1920 – 2000), UK

With a foreword by **Rachel Carson**, author of *Silent Spring*

First published in 1964, Ruth Harrison's book had a profound and lasting impact on world agriculture, public opinion and the quality of life of millions of farmed animals. Written at the beginning of the intensive farming movement, which promised progress but in reality worsened conditions for domesticated animals, *Animal Machines* provides a fascinating insight into the system we are living with today and must continue with as the global population increases.

Harrison's work brought about legal reforms, a greater understanding of farm conditions for animals and increased public awareness. *Animal Machines* is reprinted here in its entirety, accompanied by new chapters by world-renowned experts in animal welfare discussing its legacy and impact 50 years on.

March 2013 / 224 pages / HB / 9781780642840

US\$52.50



Farm Animal Medicine and Surgery For Small Animal Veterinarians

Graham R Duncanson, Westover Veterinary Centre, UK

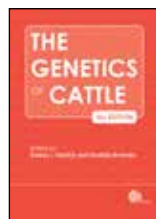
Small animal veterinarians are increasingly taking on caseloads that include farm animals, with cases being presented by local hobby farmers, smallholders, and 'novelty pet' owners. Recognising this trend, this book provides a quick reference guide for small-animal orientated veterinarians in the basics of surgery and treatment of farm animals.

April 2013 / 274 pages / PB / 9781845938833

US\$85

April 2013 / 274 pages / HB / 9781845938826

US\$160



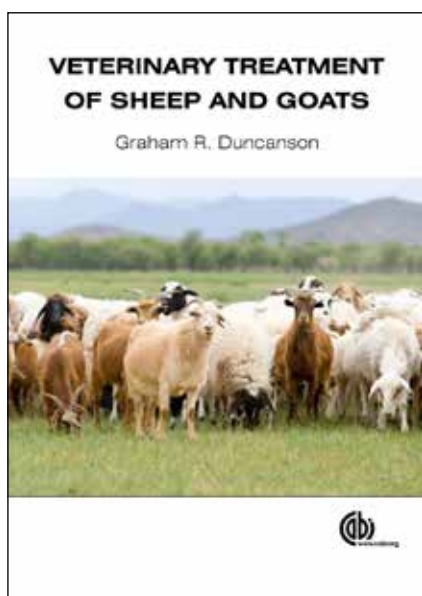
The Genetics of Cattle, 2nd Edition

Edited by **Dorian J Garrick**, Iowa State University, USA and **Anatoly Ruvinsky**, University of New England, Australia

Understanding of cattle genetics and genomics has increased dramatically. This book covers genetic components behind important factors in cattle production such as breeds, disease resistance, growth, development, behaviour, body composition and meat quality. With significant updates throughout, this new edition includes significantly updated material, new contributing authors, and new chapters on genetics of fat production and deposition, nutrition, feed intake and feed efficiency, growth and body composition and genomic selection in beef and dairy cattle.

September 2014 / c.360 pages / HB / 9781780642215

US\$220



Veterinary Treatment of Sheep and Goats

Graham R Duncanson, Westover Veterinary Centre, UK

Sheep and goats are farmed worldwide for meat, milk, skins and wool. This diverse range of uses means that many people rely on these animals as a source of income, food and warm clothing, though they can also be kept as pets. With an accessible structure designed for use in the field, this book provides a general veterinary guide to treating common conditions in these animals. It addresses veterinary medicines and their uses, on-site surgery, equipment, normal values and vital signs, vaccination, nutrition, dental treatment, poisoning and dermatology. Worldwide disease conditions are also covered in detail, with a particular focus on the welfare of the animal and economic reality.

April 2012 / 192 pages / PB / 9781780640044

US\$85

April 2012 / 192 pages / HB / 9781780640037

US\$145



External Parasites of Small Ruminants

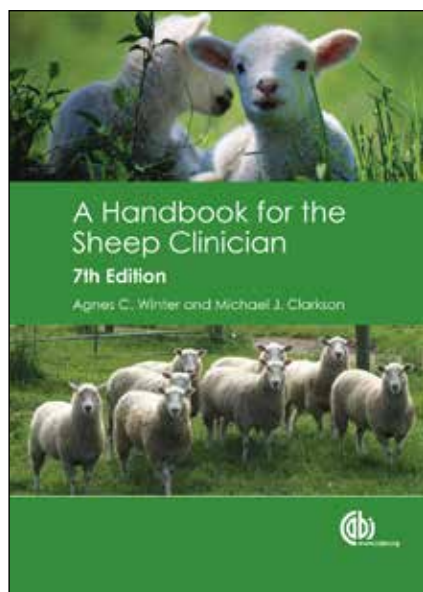
A Practical Guide to their Prevention and Control

Peter Bates, Veterinary Medical Entomology Consultant (VMEC)

This book gives practical guidance on preventing and controlling ectoparasites that contribute to disease and infection in sheep and goats, discussing types of parasites, the diseases they cause and what methods of control are available, as well as wider implications such as animal welfare and environmental impacts.

February 2012 / 256 pages / HB / 9781845936648

US\$125



A Handbook for the Sheep Clinician

7th Edition

Agnes Winter and **Michael Clarkson**, University of Liverpool, UK

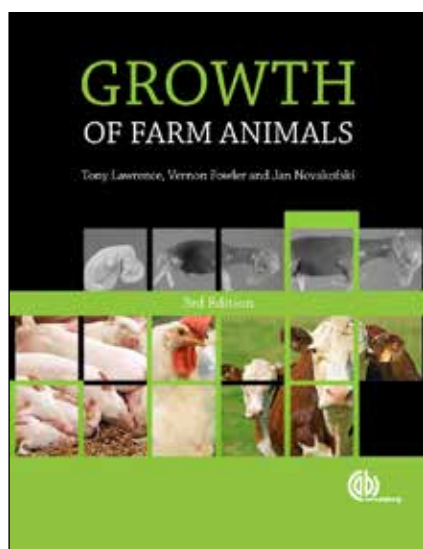
An established favourite with veterinary and agricultural students and a valuable addition to the library of any veterinarian or sheep farmer, this handbook has an emphasis on diagnosis and treatment combined with short, easily digestible chapters and step-by-step diagrams that makes it an essential practical guide to recognising, treating and preventing disease.

February 2012 / 202 pages / PB / 9781845939748

US\$70

February 2012 / 202 pages / HB / 9781845939731

US\$145



Growth of Farm Animals

3rd Edition

Tony L J Lawrence, formerly University of Liverpool, UK, **Vernon R Fowler**, formerly Scottish Agricultural College and Rowett Research Institute, UK and **Jan E Novakofski**, University of Illinois, USA

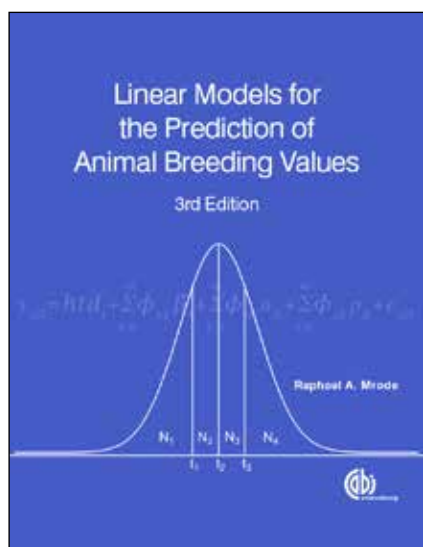
Understanding the processes that change the shape and composition of farm animals is fundamental to all aspects of production. Showing the progression from cell to tissue to entire animal, this comprehensive textbook provides an essential broad base for animal production, with key information on how animals grow and change in shape and composition, and factors that affect these processes. Illustrated with new photographs and focus boxes highlighting vital points, this updated third edition includes a new chapter on avian growth, an important source of protein for the expanding population. Providing a thorough, yet student-friendly approach to the subject, this book continues to fill the important role of helping readers to understand how the basics of growth must be thoroughly understood if farm animals are to be used efficiently and humanely in producing food for mankind.

July 2012 / 368 pages / PB / 9781845935580

US\$99.95

July 2012 / 368 pages / HB / 97817880641461

US\$220



Linear Models for the Prediction of Animal Breeding Values

3rd Edition

Raphael A Mrode, Scottish Agricultural College, UK

The prediction of producing desirable traits in offspring such as increased growth rate, or superior meat, milk and wool production is a vital economic tool to the animal scientist. Summarising the latest developments in genomics relating to animal breeding values and design of breeding programmes, this new edition includes models of survival analysis, social interaction and sire and dam models, as well as advancements in the use of SNPs in the computation of genomic breeding values.

January 2014 / c.350 pages / PB / 9781845939816

US\$95

January 2014 / c.350 pages / HB / 9781780643915

US\$180

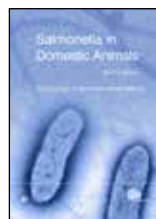


Ticks and Tick-borne Diseases Geographical Distribution and Control Strategies in the Euro-Asia Region

Mo Salman, Colorado State University, USA,
and **Jordi Tarrés-Call**, European Food Safety
Agency, Italy

This book is an expansion of the European Food Safety Authority report on the subject, and details the significance of tick-borne diseases, identification of tick species, emerging tick-borne infections, factors influencing the spread and distribution of ticks and surveillance and control measures.

December 2012 / 320 pages / HB / 9781845938536 US\$180



Salmonella in Domestic Animals 2nd Edition

Edited by **Paul Barrow**, University of Nottingham, UK and **Ulrich Menth**,
Friedrich-Loeffler-Institut, Germany

Salmonella remains a major cause of economic loss in domestic livestock and human food poisoning worldwide. With fully updated chapters and new coverage of genome structure, virulence, vaccine development, molecular methods for epidemiology and exotics, this second edition is an invaluable resource for researchers of animal and human health.

June 2013 / 560 pages / HB / 9781845939021 US\$240



Mononegaviruses of Veterinary Importance, Volume 1 Pathobiology and Molecular Diagnosis

Edited by **Muhammad Munir**, Swedish
University of Agricultural Science, Sweden

Mononegavirales are an order of viruses affecting large, small and marine animals.

Discussing the pathology and laboratory diagnosis of important viruses, this book covers those that cause a significant threat to animals in terms of their severity and epidemiological risk, as well as those which are used as models in the study of infectious disease. Also including viruses with zoonotic potential, this book reviews the literature for Rhinderpest, Rabies and Ebola.

November 2013 / c.344 pages / HB / 9781780641799 US\$180

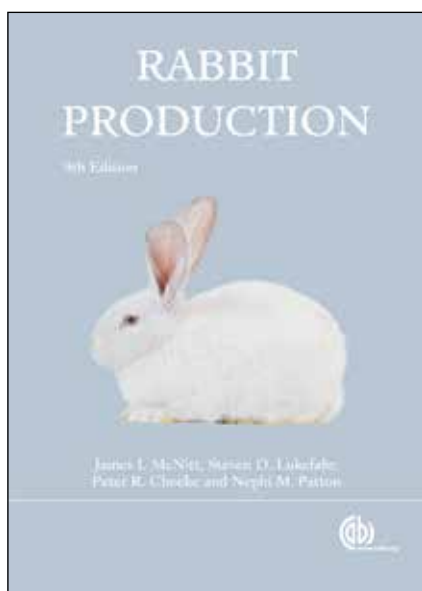


Animal Nutrition with Transgenic Plants CABI Biotechnology Series

Edited by **Gerhard Flachowsky**,
FLI Braunschweig, Germany

Transgenic plants are cultivated on a large scale worldwide, and most of the harvested products are fed to domestic animals. By gathering together more than 150 feeding studies with food-producing animals, and covering both first and second generation transgenic plants, this book provides the first central resource of this information for researchers, students, policy makers and all those who are interested in future developments in the field.

November 2013 / c.240 pages / HB / 9781780641768 US\$160



Rabbit Production 9th Edition

James I McNitt, Southern University Agricultural Research and Extension Centre, USA, **Steven D Lukefahr**, Texas A&M University, USA, **Peter Robert Cheeke** and **Nephi M Patton**, Oregon State University, USA

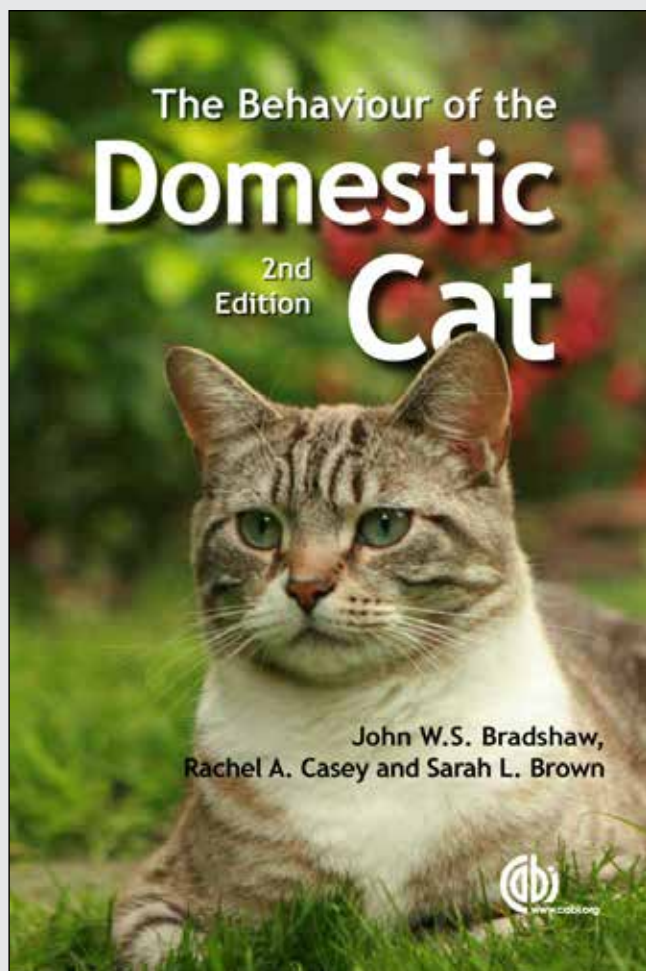
This new edition of *Rabbit Production* is fully updated throughout. While mainly covering rabbits bred for meat and fur, it also contains practical information on pet rabbits, show rabbits and rabbits used as laboratory animals. It addresses the core topics for any rabbit specialist as well as expanded coverage of animal welfare and coat colour genetics.

March 2013 / 314 pages / PB / 9781780640112

US\$75

March 2013 / 314 pages / HB / 9781780640129

US\$160



The Behaviour of the Domestic Cat 2nd Edition

John W S Bradshaw, University of Bristol, UK, **Rachel A Casey**, University of Bristol, UK and **Sarah L Brown**, University of Southampton, UK

The behaviour of domesticated animals is a subject of great importance to students of animal behaviour and veterinary medicine, as well as interested pet owners.

This book presents an engaging overview of the behaviour of the domestic cat, adopting both a mechanistic and functional approach. Physiological, developmental and psychological aspects are addressed, including domestication, the development of the senses, learning, communication and feeding behaviour. The authors build on these themes to discuss social behaviour, hunting and predation, cat-human interactions and welfare.

Fully updated throughout, this new edition also includes two new chapters on behavioural disorders due to pathologies and from misdirected natural behaviour. It is an essential source of cat behaviour information for students, ethologists, veterinarians and pet owners.

November 2012 / 264 pages / PB / 9781845939922

US\$70



Feline Behaviour and Welfare

Andrew F Fraser, formerly Memorial University of Newfoundland, Canada

Providing a veterinary perspective as well as an ethological one, this book looks at the feline genus as a whole. The focus is on identifying normal behaviour from the cat's perspective,

with a welfare theme running throughout as exhibitions of normal behaviour provide evidence of good welfare, and abnormal behaviour can be an indicator of poor welfare.

August 2012 / 216 pages / PB / 9781845939274

US\$72.50

August 2012 / 216 pages / HB / 9781845939267

US\$145



A Manual for Tilapia Business Management

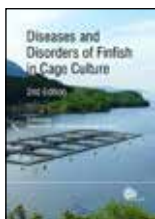
Ram C. Bhujel, Asian Institute of Technology (AIT), Thailand

Tilapias are an increasingly important farmed fish for human consumption. Hailed as an important source of protein for growing

populations, production is set to double within the next ten years and expand beyond traditional areas of production in Africa and Asia. With a practical focus, this book is aimed at tilapia farmers and producers, describing best practice production methods, egg management, new technologies, nutrition, business practices, marketing, equipment maintenance, accounting and logistics.

June 2014 / 192 pages / HB / 9781780641362

US\$145



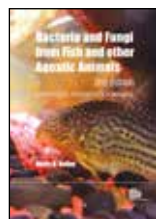
Diseases and Disorders of Finfish in Cage Culture, 2nd Edition

Edited by **Patrick T K Woo**, University of Guelph, Canada and **David W Bruno**, Marine Scotland, Aberdeen, UK

This new edition is a timely update on 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, including the dramatic increases in production in the Asia-Pacific region. An important resource for aquaculturalists, fish health consultants and fish pathologists.

July 2014 / c.350 pages / HB / 9781780642079

US\$240



Bacteria and Fungi from Fish and Other Aquatic Animals, 2nd Edition

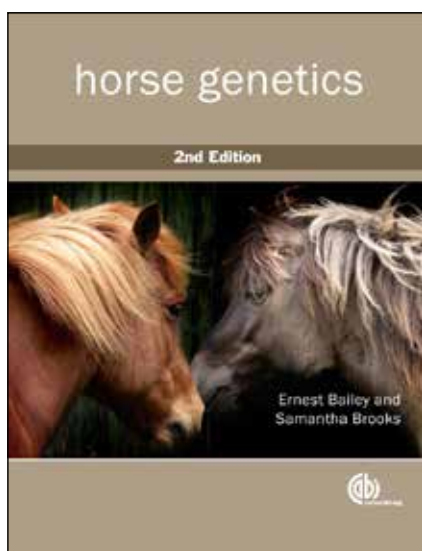
A Practical Identification Manual

Nicky B Buller, Department of Agriculture and Food, Western Australia

This practical book provides an updated resource for the identification of bacteria found in animals inhabiting the aquatic environment, illustrated with colour photos. It contains expanded biochemical identification tables to include newly identified pathogenic and saprophytic bacteria, molecular identification tests now available for a greater number of aquatic bacterial pathogens, more information on the pathogenesis and virulence of each organism and new coverage of traditional and molecular identification of fungal pathogens and quality assurance standards for laboratories.

July 2014 / c.448 pages / HB / 9781845938055

US\$180



Horse Genetics

2nd Edition

Ernest Bailey, University of Kentucky, USA and **Samantha A Brooks**, Cornell University, USA

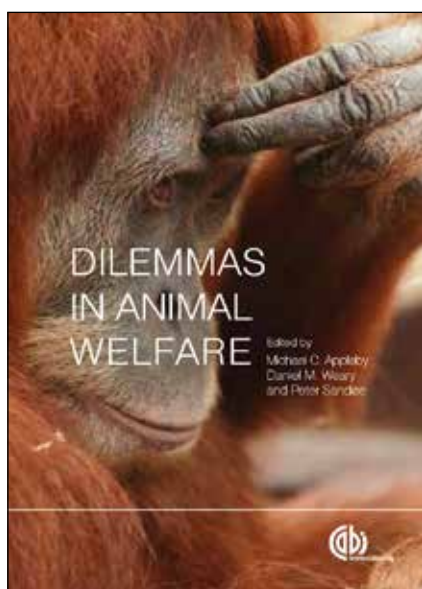
This essential textbook describes the basic genetics of the horse including coat colour, parentage, medical and population genetics, cytogenetics, performance, breeding systems and genetic conservation, and new advances such as micro-satellite testing. The authors have updated Dr. Ann T. Bowling's seminal work in light of the sequencing of the complete horse genome, and in addition to the basic genetic principles and their specific applications to the horse, new and revised topics include the development of genomics, gene expression, the relationship of the genome to physiological function, blood groups, transfusion medicine and haemolytic disease of newborn foals. It also includes a greater description of the diversity of breeds of horse in the world, and equid evolution. It is an essential book for students of equine studies, animal breeding and veterinary science, as well horse breeders and owners.

July 2013 / 216 pages / PB / 9781845936754

US\$70

July 2013 / 216 pages / HB / 9781780643298

US\$135



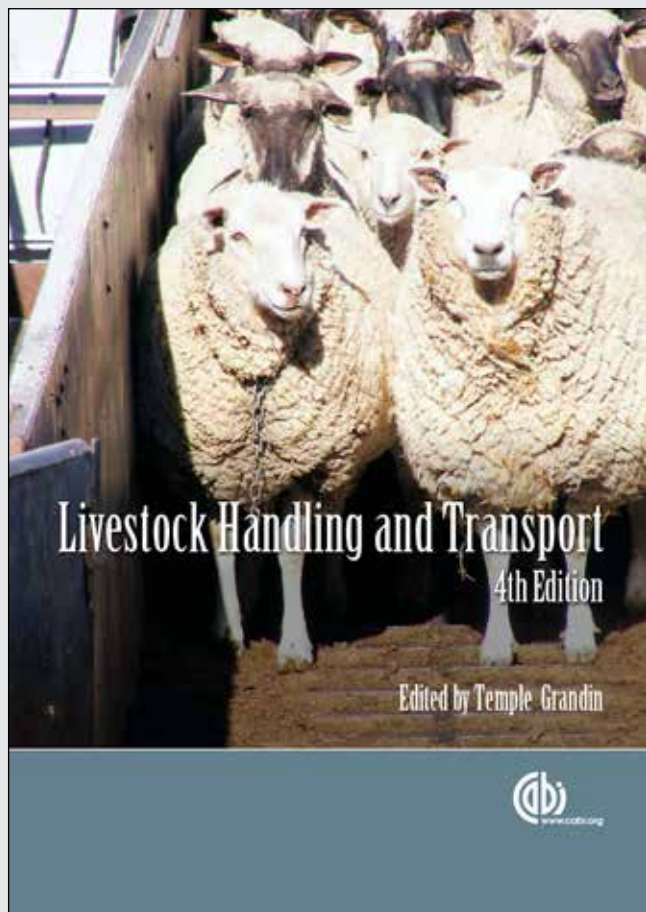
Dilemmas in Animal Welfare

Edited by **Michael C Appleby**, World Society for the Protection of Animals (WSPA), UK, **Peter Sandöe**, University of Copenhagen, Denmark and **Daniel M Weary**, The University of British Columbia, Canada

There are endless on-going debates in animal welfare. This book seeks to distil some of the major themes of current debate into one volume edited by internationally known names in the field of animal welfare. Each chapter, written by a leading expert will discuss in an open-handed way a provocative topic, which will be of interest to anyone concerned with animal welfare. Issues covered include tail docking, pet obesity, isolation vs. group aggression, neutering feral cats and the need to conserve wildlife habitats in the face of wild animal overpopulation.

April 2014 / c.216 pages / HB / 9781780642161

US\$145



Livestock Handling and Transport, 4th Edition

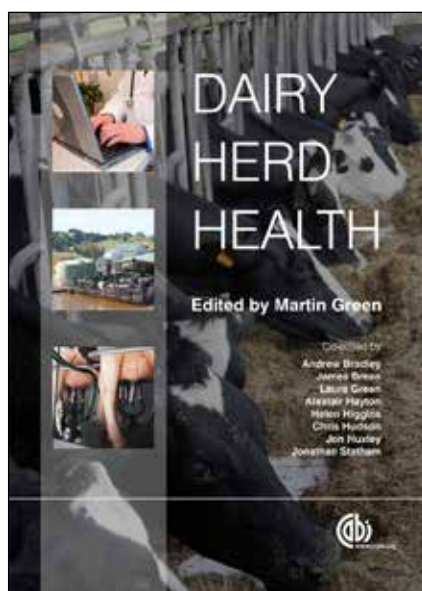
Edited by **Temple Grandin**, Colorado State University, USA

Edited by world-renowned animal scientist Dr. Temple Grandin, this practical book integrates scientific research and industry literature on cattle, pigs, poultry, sheep, goats, deer, and horses, in both the developed and developing world, to provide a practical guide to humane handling and minimizing animal stress. Reviewing the latest research on transport systems, restraint methods and facilities for farms and slaughterhouses, this fully updated fourth edition of Livestock Handling and Transport includes new coverage of animal handling in South America, and reviews extensive new research on pig transportation in North America.

1. A Whole Systems Approach to the Evaluation of Handling and Transport of Cattle, Pigs, Poultry, Sheep, and Other Livestock
2. General Principles of Stress and Well-Being
3. Causes of Poor Welfare and Assessment of Welfare during Handling and Transport
4. Behavioural Principles of Handling Cattle and Other Grazing Animals under Extensive Conditions
5. Low Stress Restraint, Handling, and Weaning of Cattle
6. Handling Cattle Raised In Close Association with People
7. Handling Races, Corrals, and Restraint of Extensively Raised Cattle
8. Dairy Cattle Behaviour, Automation and Well-Being
9. Factors That Affect the Welfare of Cattle, Pigs, and Sheep during Transport
10. Research on Transportation and Handling of Cattle and Pigs in South America
11. Behavioural Principles of Sheep Handling
12. Design of Sheep Yards and Shearing Shed
13. Sheep Transport
14. Dogs for Guarding and Herding Livestock
15. Behavioural Principles of Pig Handling
16. Pig Transport
17. Transportation of Pigs by Trucks in North America
18. Handling and Transport of Horses
19. Deer Handling and Transport
20. Poultry Handling and Transport
21. Stress Physiology of Animals during Transport
22. Handling and Welfare of Livestock in Slaughter Plants
23. Biosecurity for Animal Health and Safety

June 2014 / c.472 pages / HB / 9781780643212

US\$180



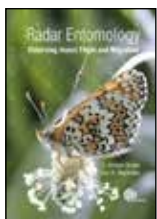
Dairy Herd Health

Edited by **Martin Green**, University of Nottingham, UK

Dairy herd health is an important and universal topic in large animal veterinary practice and farming. This book focuses on diseases within herds, herd husbandry practices, youngstock management and environmental issues. Major diseases and conditions are covered, including mastitis, lameness, nutrition, metabolic and common infectious diseases from a herd health perspective.

November 2012 / 328 pages / HB / 9781845939977

US\$145



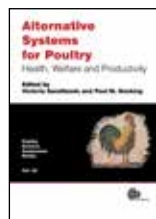
Radar Entomology **Observing Insect Flight and Migration**

Alistair Drake, University of New South Wales, Australia and **Don R Reynolds**, University of Canberra, Australia

Many of the world's most serious agricultural pests are highly migratory. This book examines the behaviour and regional variations of migrating pest species, the altitude of migration, concentration of insects in layers and how they respond to large and small-scale wind systems.

October 2012 / 512 pages / HB / 9781845935566

US\$295



Alternative Systems for Poultry **Health, Welfare and Productivity**

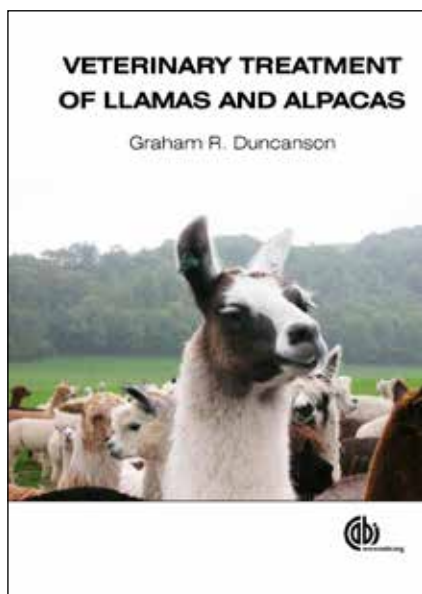
Poultry Science Symposium Series, No. 30

Edited by **Victoria Sandilands**, Avian Science Research Centre, SAC, UK, and **Paul M. Hocking**, The Roslin Institute and Royal (Dick) School of Veterinary Studies, Midlothian, UK

This book compares and contrasts alternative housing with conventional and traditional systems for commercial poultry (laying hens, meat chickens, turkeys, waterfowl and gamebirds) with regards to welfare, disease, health, nutrition, sustainability and genotype-environment interaction.

April 2012 / 376 pages / HB / 9781845938246

US\$160



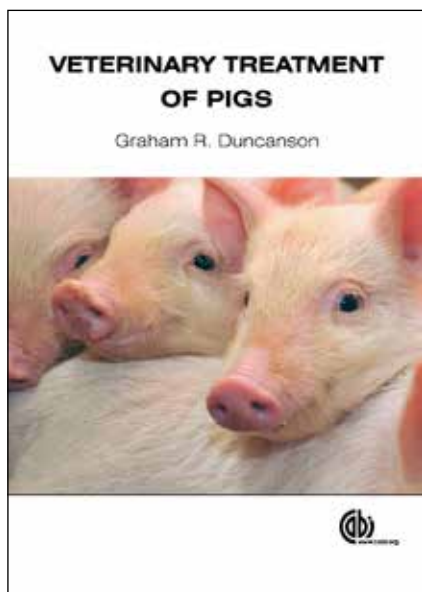
Veterinary Treatment of Llamas and Alpacas

Graham R Duncanson, Equine and Farm Animal Practitioner, Westover Veterinary Centre, UK

This book provides practical everyday veterinary advice on common conditions and surgical procedures. Basic husbandry, nutrition, examination, vaccines, analgesia, anaesthesia, dermatology and poisons are covered, together with medicine and surgery options arranged by body system. Zoonotic diseases are treated with particular interest as alpacas are a common petting farm animal.

July 2012 / 272 pages / HB / 9781780640068

US\$145



Veterinary Treatment of Pigs

Graham R Duncanson, Westover Veterinary Centre, UK

Written from a practitioner's viewpoint, this book covers the everyday veterinary care and treatment of pigs for the large animal veterinarian. Beginning with basic husbandry, maintenance and nutrition, the book then moves onto diagnosing conditions, the necessary equipment and medicines in a veterinarian's arsenal and different treatment options, before describing diseases by body system to create an easy-to-use, practical guide to pig treatment. Equally suitable for veterinarians, veterinary students and pig industry personnel, this book takes a worldwide approach with notifiable diseases as laid out by the OIE covered, as well as poisons and diseases beyond the UK and a full chapter on the dangers and control strategies of zoonotic diseases.

December 2013 / 192 pages / HB / 9781780641720

US\$145



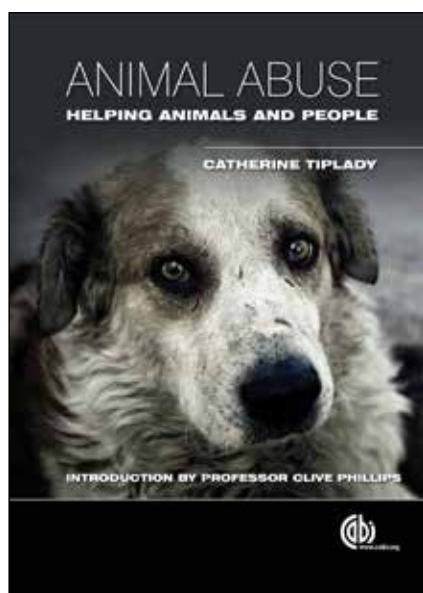
Veterinary Practice Management

Catherine R Coates, University of Bristol, UK

Drawing together the latest information on practice management, this textbook provides practical and straightforward coverage of major elements, including client relationships and staff management, business and financial procedures, computer systems and project management. This book covers practice management topics as taught in veterinary schools worldwide, providing students with a textbook resource in this increasingly important subject. It is also a valuable source of information for newly qualified veterinarians, veterinarians interested in practice management and veterinary practice managers.

November 2012 / 192 pages / PB / 9781845939809

US\$70



Animal Abuse

Helping Animals and People

Catherine Tiplady, Animal Welfare League Community Veterinary Clinic and University of Queensland, Australia

Animal abuse affects everybody working in animal-related industries, and constitutes a significant part of veterinary caseloads and animal shelter work. Based on the author's experience as a shelter worker and veterinarian, this book provides advice and assistance to those working with animal abuse. With contributions from world-renowned experts including Phil Arkow and David Bailey, and an introduction by Clive Phillips, *Animal Abuse: Helping Animals and People* provides practical advice and insights into issues surrounding this emotional subject.

April 2013 / 224 pages / HB / 9781845939830

US\$125



Animal Science Reviews 2012

Edited by **David Hemming**, CABI, UK

Animal Science Reviews 2012 provides scientists and students in animal science with timely analysis on key topics in current research. Originally published online in CAB Reviews, this volume makes available in

printed form the reviews in animal science published during 2012.

March 2013 / 256 pages / HB / 9781780643021

US\$180



Animal Science Reviews 2011

Edited by **David Hemming**, CABI, UK

Animal Science Reviews 2011 provides scientists and students in animal science with timely analysis on key topics in current research. Originally published online in CAB Reviews, this volume makes available in

printed form the reviews in animal science published during 2011.

April 2012 / 256 pages / HB / 9781780640174

US\$265



Dogs, Zoonoses and Public Health 2nd Edition

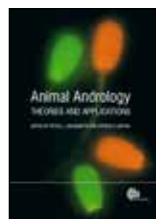
Edited by **Calum N L Macpherson**, Windward Islands Research and Education, Grenada, West Indies, **Francois-Xavier Meslin**, World Health Organization, Geneva, Switzerland and **Alexander I Wandeler**, OIE Reference

Laboratory for Rabies, WHO Collaborating Centre, Ontario, Canada

This practical textbook provides essential information and easy to follow instructions for performing everyday surgeries. Common procedures are detailed as well as instrument preparation and use, theatre preparation, tissue handling, antibiotics, sutures and nutritional support, with a best practice approach.

December 2012 / 288 pages / HB / 9781845938352

US\$180



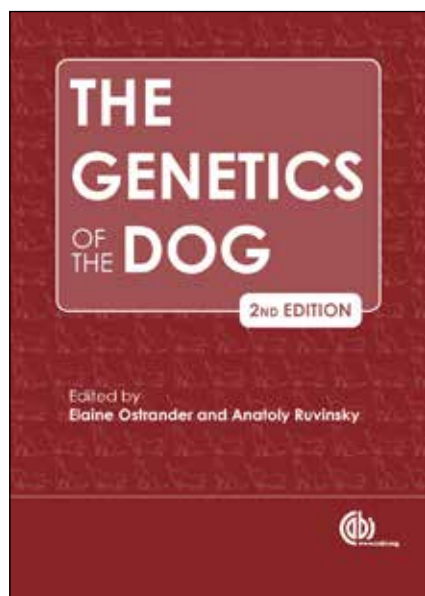
Animal Andrology Theories and Applications

Edited by **Peter J Chenoweth**, Cheno Vet, Australia and **Steven Lorton**, Reproduction Resources, USA

Understanding animal andrology is fundamental to optimising genetic breeding traits in domestic and wild animals. This book provides extensive coverage of male reproductive biology, discussing the essentials of sperm production, harvest and preservation before covering the applications to a range of animals including cattle, horses, pigs, small ruminants, camelids, cats and dogs, poultry and exotic species. It also examines the laboratory procedures that provide the basis of general fertility research.

April 2014 / c.568 pages / HB / 9781780643168

US\$240



The Genetics of the Dog, 2nd Edition

Elaine A Ostrander, National Human Genome Research Institute (NHGRI), USA and **Anatoly Ruvinsky**, University of New England, Australia

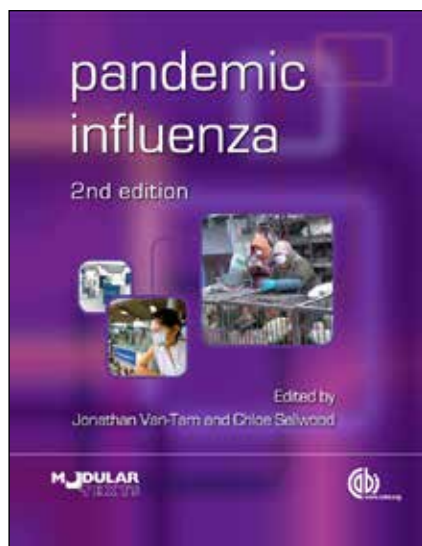
Recognizing the significant advances made in the field of animal genetics in the ten years since the first edition, this new edition of the successful 2001 book provides a comprehensive update as well as new material on topics such as genetic diversity of dog breeds, canine genomics, olfactory genetics and cancer genetics.

March 2012 / 536 pages / HB / 9781845939403

US\$220



See all our animal and veterinary science products at
www.cabi.org/publishing-products/animal-sciences



Pandemic Influenza

2nd Edition

Modular Texts Series



Edited by **Jonathan Van-Tam**, City Hospital, Nottingham, UK and **Chloe Sellwood**, NHS, London

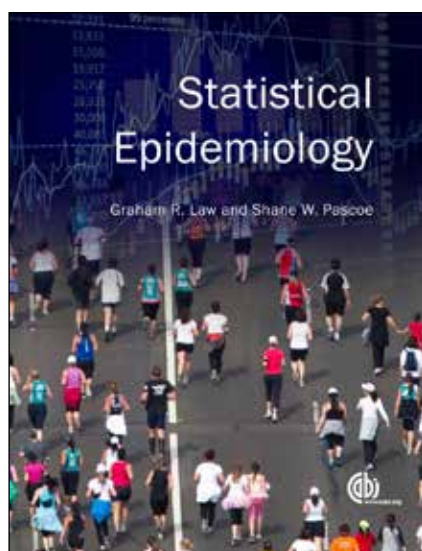
Comprehensively updated to incorporate major lessons from the 2009/10 pandemic, this accessible new edition includes new contributions from global experts on surveillance, International Health Regulations, clinical management and local health service responses, illustrated with vibrant international case studies.

December 2012 / 264 pages / PB / 9781845938574

US\$75

December 2012 / 264 pages / HB / 9781845938567

US\$160



Statistical Epidemiology

Methods and Applications



Graham Law, University of Leeds, UK and **Shane Pascoe**, University of New South Wales, Australia

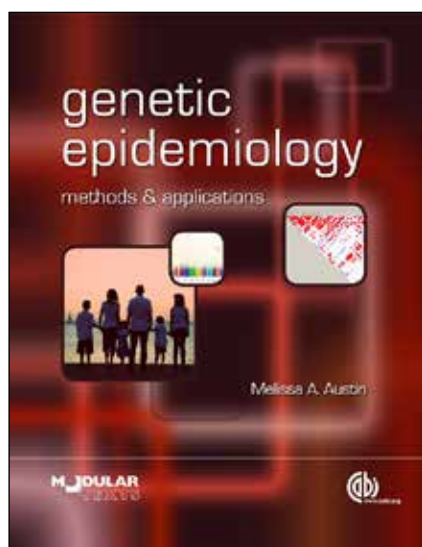
This textbook introduces students to statistical epidemiology methods in a carefully structured and accessible format. Drawing on the authors' extensive teaching experience, with clearly defined learning outcomes, the suggested chapter orders can be tailored to the needs of students at both undergraduate and graduate level from a range of academic backgrounds.

June 2013 / 232 pages / PB / 9781845937966

US\$75

June 2013 / 232 pages / HB / 9781845938161

US\$160



Genetic Epidemiology

Methods and Applications

Modular Texts Series



Melissa A Austin, University of Washington, USA

Following an overview of the field, this textbook reviews key genetic concepts, provides an update on relevant genomic technology, and describes methods for assessing the magnitude of genetic influences on diseases and risk factors. This textbook is an essential new resource for graduate students in epidemiology and public health genetics.

June 2013 / 216 pages / PB / 9781780641812

US\$75



Communicable Diseases, 4th Edition A Global Perspective

Modular Texts Series



Roger Webber, formerly London School of Hygiene and Tropical Medicine, UK

Fully updated throughout, this fourth edition of *Communicable Disease Epidemiology and Control*, retitled *Communicable Diseases* to reflect the breadth of its coverage, includes new chapters on integrated disease management and the increased risks of disease among pregnant women. An essential resource in this fast-changing area.

July 2012 / 344 pages / PB / 9781845939380
US\$75

July 2012 / 344 pages / HB / 9781845939397 US\$160



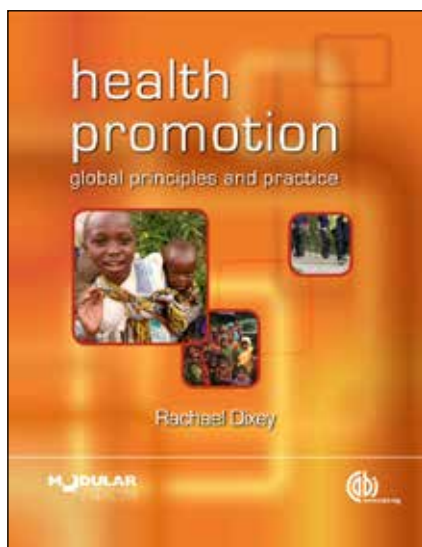
Natural Environments and Human Health

Alan W Ewert, Indiana University, USA,
Denise Mitten, Prescott College, USA,
Jill Overholt, Warren Wilson College, USA

The role natural environments play in human health and wellbeing is attracting increasing attention. There is growing medical evidence

that access to the natural environment can prevent disease, aid recovery, tackle obesity and improve mental health. This book examines the history of natural environments being used for stress-reduction, enjoyment, aesthetics and catharsis, and traces the development of the connection between humans and the environment, and how they impact our personal and collective health.

March 2014 / c.240 pages / HB / 9781845939199 US\$145



Health Promotion Global Principles and Practice

Modular Texts Series



Rachael Dixey, Leeds Metropolitan University, UK

This textbook focuses on the themes central to contemporary health promotion practice on a global scale. Social determinants, equality and equity, policy and health, working in partnerships, sustainability, evaluation and evidence-based practice are detailed, and the critical application of health promotion to practice is outlined throughout the book.

November 2012 / 240 pages / PB / 9781845939724 US\$72.50

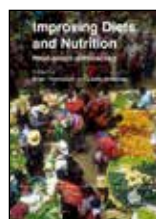


Disaster Management Medical Preparedness, Response and Homeland Security

Rajesh Arora, Defence Research and Development Organization, Delhi, India and
Preeti Arora, Guru Gobind Singh Indraprastha University, India

Disaster management is an increasingly important subject, as effective management of both natural and manmade disasters is essential to save lives and minimize casualties. This book discusses the best practice for vital elements of disaster medicine in both developed and developing countries, including planning and preparedness of hospitals, emergency medical services, communication and IT tools for medical disaster response and psychosocial issues. It also covers the use of state-of-the-art training tools, with a full section on post-disaster relief, rehabilitation and recovery.

September 2013 / 680 pages / HB / 9781845939298 US\$220



Improving Diets and Nutrition Food-based Approaches

Co-published with The Food and Agriculture Organization of the United Nations

Edited by **Brian Thompson** and **Leslie Amoroso**, FAO, Italy

Nutrition-sensitive, food-based approaches towards hunger and malnutrition are effective, sustainable and long-term solutions. This book discusses the policy, strategic, methodological, technical and programmatic issues associated with such approaches. It presents best practices for the design, targeting, implementation and evaluation of specific interventions, and improved methodologies for evaluating their efficacy and cost-effectiveness. This book also provides practical lessons for advancing nutrition-sensitive, food-based approaches at policy and programme level.

February 2014 / c.408 pages / HB / 9781780642994 US\$180



Biological and Environmental Control of Disease Vectors

Edited by **Mary Cameron** and **Lena Lorenz**, London School of Hygiene and Tropical Medicine, UK

Covering the theory and practice of non-insecticidal control of insect vectors of human disease, this book provides an overview of methods including the use of botanical biocides and insect-derived semiochemicals, with an overall focus on integrated vector management strategies.

May 2013 / 224 pages / HB / 9781845939861

US\$160



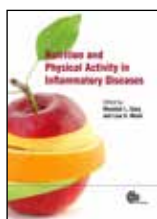
Maternal and Perinatal Health in Developing Countries

Edited by **Julia Hussein**, University of Aberdeen, UK, **Affette M McCaw-Binns**, University of the West Indies at Mona, Jamaica and **Roger Webber**, formerly London School of Hygiene and Tropical Medicine, UK

Taking a practical policy approach, this book covers the background and concepts underlying efforts to improve maternal and perinatal mortality, the current global situation and problems that prevent progress. It includes case studies and examples of successful strategies, recommends good practices, and provides a critical analysis of knowledge gaps to inform areas for future research.

June 2012 / 256 pages / HB / 9781845937454

US\$160



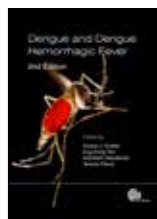
Nutrition and Physical Activity in Inflammatory Diseases

Edited by **Manohar L Garg**, University of Newcastle, Australia and **Lisa G Wood**, University of Newcastle, Australia

Certain nutrients and physical activity can significantly alter immune function and inflammation. Targeted interventions may be an effective and inexpensive means to improve the inflammation and immune dysfunction associated with chronic diseases. This book strengthens our understanding of how nutrients and physical activity impact inflammatory diseases.

December 2012 / 392 pages / HB / 9781845939106

US\$220



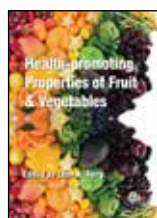
Dengue and Dengue Hemorrhagic Fever 2nd Edition

Edited by **Duane J Gubler**, **Eng Eong Ooi**, **Subhash Vasudevan**, all Duke-NUS Graduate Medical School, Singapore and **Jeremy Farrar**, Oxford University Clinical Research Unit, Vietnam

Continued geographic expansion of dengue viruses and their mosquito vectors has seen the magnitude and frequency of epidemic dengue/dengue hemorrhagic fever (DF/DHF) increase dramatically. Recent exciting research on dengue has resulted in major advances in our understanding of all aspects of the biology of these viruses, and this updated second edition brings together leading research and clinical scientists to review dengue virus biology, epidemiology, entomology, therapeutics, vaccinology and clinical management.

April 2014 / c.608 pages / HB / 9781845939649

US\$255



Health-promoting Properties of Fruit and Vegetables

Edited by **Leon A. Terry**, Cranfield University, UK

Fruits and vegetables are one of the richest sources of ascorbic acid, other antioxidants and produce-specific bioactive compounds. A general consensus from health experts has confirmed that an increased dietary intake of specific bioactive compounds found in some fresh produce types may protect against oxidative damage and reduce the incidence of certain cancers and chronic diseases. This book is an essential resource for researchers and students in food science, nutrition and fruit and vegetable production.

November 2013 / 432 pages / HB / 9781780644226

US\$85



Geographic Health Data Fundamental Techniques for Analysis

Edited by **Francis P Boscoe**, New York State Cancer Registry, USA

Focussing on proven techniques for most real-world data sets, this book presents an overview of the analysis of health data involving a geographic component, in a way that is accessible to any health scientist or student comfortable with large data sets and basic statistics, but not necessarily with any specialized training in geographic information systems (GIS). Providing clear, straightforward explanations with worldwide examples and solutions, the book describes applications of GIS in disaster response.

September 2013 / 232 pages / HB / 9781780640891

US\$160



Bacterial Pili

Structure, Synthesis and Role in Disease

Advances in Molecular and Cellular Microbiology Series No. 27

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

Bacterial pili play important roles as environmental sensors, in host colonization and in biofilm formation, enabling bacteria to interact with the environment, with surfaces and with other bacteria and host cells. Most bacteria, both Gram positive and Gram negative, and almost all bacterial pathogens, are piliated. 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.

January 2014 / c.224 pages / HB / 9781780642550 US\$160



The Human Microbiota and Microbiome

Advances in Molecular and Cellular Microbiology Series, No 25

Edited by **Julian R Marchesi**, Cardiff University, UK

Thousands of different microbial species colonize the human body, and are essential for our survival. This book presents a review of the current understanding of human microbiomes, the functions that they bring to the host, how we can model them, their role in health and disease and the methods used to explore them. Current research into areas such as the long-term effect of antibiotics makes this a subject of considerable interest. This title is essential reading for researchers and students of microbiology.

April 2014 / c.256 pages / HB / 9781780640495 US\$160



Antimicrobial Drug Discovery

Emerging Strategies

Advances in Molecular and Cellular Microbiology Series, No. 22

Edited by **George Tegos**, Wellman Center for Photomedicine, Massachusetts General Hospital, USA and **Eleftherios Mylonakis**, Division of Infectious Diseases, Massachusetts General Hospital, USA

This book documents the latest research, covering current and promising activities in four key areas: computational chemistry and chemoinformatics, High Throughput Screening (HTS), non-vertebrate model hosts and light and nano-based technologies.

August 2012 / 376 pages / HB / 9781845939434 US\$220



Meningitis

Cellular and Molecular Basis

Advances in Molecular and Cellular Microbiology Series, No. 26

Edited by **Myron Christodoulides**, University of Southampton, UK

Examining meningitis mainly from a bacterial perspective, but also including an overview of viral, fungal and chronic meningitis, this book describes the anatomy of the meninges and clinical signs and symptoms of this disease. Individual organisms that cause meningitis worldwide are dealt with in specific chapters, describing in detail how these pathogens interact with the human host at both a molecular and cellular level. The book provides a thorough understanding of bacterial virulence factors, adhesion and invasion mechanisms, the nature of known host cell receptors and the host cell response.

August 2013 / 280 pages / HB / 9781780641621 US\$160



Bacteriophages in Health and Disease

Advances in Molecular and Cellular Microbiology Series, No. 24

Edited by **Paul Hyman**, Ashland University, USA and **Stephen T Abedon**, The Ohio State University, USA

This book covers the many facets of phage-bacterial-human interaction in three sections: the role and impact of phages on natural bacterial communities, the potential to develop phage-based therapeutics and other aspects in which phages can be used to combat disease, including bacterial detection, bacterial epidemiology, the tracing of fecal contamination of water and decontamination of foods.

September 2012 / 296 pages / HB / 9781845939847 US\$160



Tuberculosis

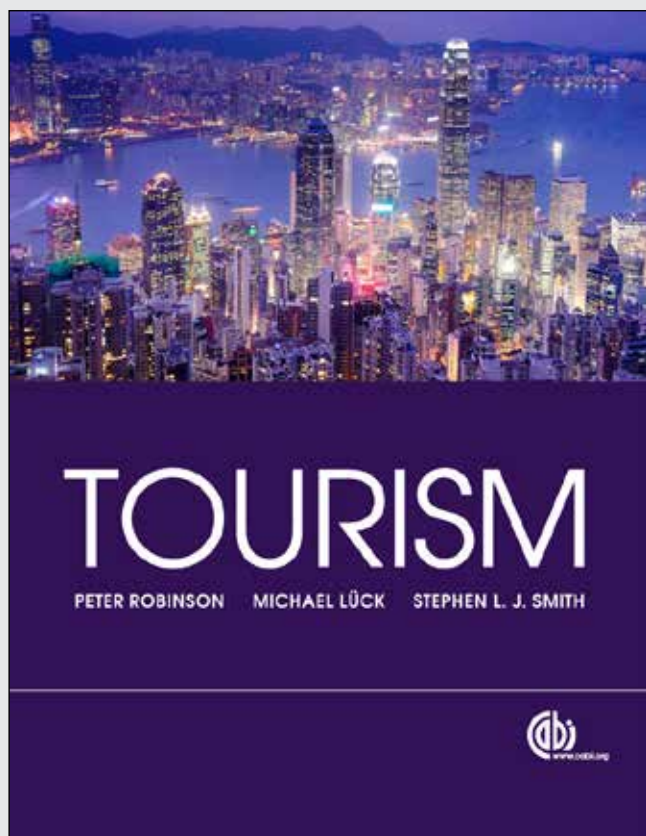
Laboratory Diagnosis and Treatment Strategies

Advances in Molecular and Cellular Microbiology Series, No. 21

Edited by **Timothy D McHugh**, University College London, UK

Tuberculosis is a global health threat and this book features contributions from a range of experts that captures the latest developments in the advent of bacteriological, immunological and molecular tools for diagnosis and the development of new drugs.

February 2013 / 288 pages / HB / 9781845938079 US\$180



Tourism



Peter Robinson, University of Wolverhampton, UK,
Michael Lück, AUT University Auckland, New Zealand,
Stephen L J Smith, University of Waterloo, Canada

Introducing tourism as an academic subject and guiding students through the early years of their tourism studies. *Tourism* begins by addressing tourism perspectives – defining tourism and setting it in a real-world business and economic context, before considering tourism people with a two-pronged approach – those employed in the tourism sector and travellers, visitors and holiday-makers who consume tourism products. Thereafter the operational elements of tourism are described in-depth: the infrastructure, facilities, legislation, financing, destination management and destination strategy that support tourism operations. Tourism development is the theme of the next section, introducing the concepts of planning, the role of organisations, tourism impacts, rural tourism, resources and sustainability. The book concludes with a discussion of tourism futures – tourism research, change, postmodernism and globalisation, and describes emerging tourism trends such as space tourism, virtual reality and the slow movement. Authored by established experts from North America, Europe and Australasia *Tourism* provides a truly international coverage of the subject, applicable to students in all geographic regions. Chapters have been laid out to guide students through the subject in a logical way and pedagogic features such as learning objectives, chapter introductions, chapter reviews, review questions and question-and-answer sections help to reinforce important concepts and aid learning. While informative features

including case studies, figures, industry comments, career profiles and destination profiles provide a stimulating and enlightening insight into the current state of the tourism industry and those who work within it.

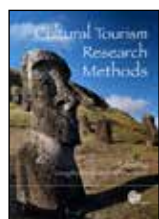
Supporting supplementary material for instructors and students can be found at www.cabi.org/openresources/39762

May 2013 / 544 pages / PB / 9781845939762

US\$85

May 2013 / 544 pages / HB / 9781780642970

US\$190



Cultural Tourism Research Methods

Greg Richards, Tourism Research and Marketing, Barcelona, Spain and **Wil Munsters**, Zuyd University, Netherlands

Now available in paperback, *Cultural Tourism Research Methods* reviews a wide range of qualitative and quantitative research methods applied to the field of cultural tourism, including

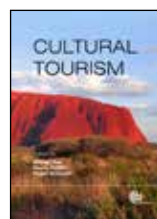
surveys, mystery tourist visits, visitor tracking, grand tour narratives, collages, researcher-created video, photo-based interviews, ethnographic and actor-network approaches.

November 2012 / 248 pages / PB / 9781780642291

US\$75

June 2010 / 256 pages / HB / 9781845935184

US\$125



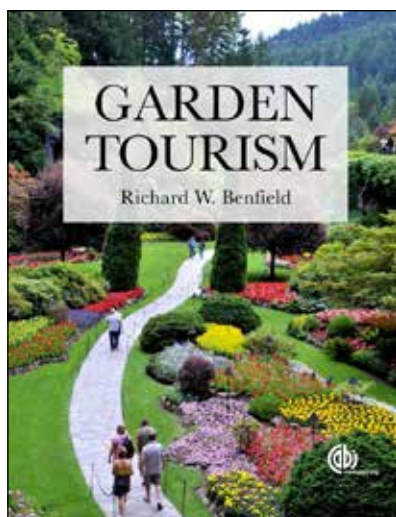
Cultural Tourism

Edited by **Razaq Raj**, Leeds Metropolitan University, UK, **Kevin A Griffin**, Dublin Institute of Technology, Ireland and **Nigel D Morpeth**, Leeds Metropolitan University, UK

This book provides a broad discussion of cultural tourism as a concept and the way it is implemented in diverse regions around the world. It addresses the notion of cultural tourism, what it means to tourism as an industry, and types of cultural tourism offered to tourists. Features international case studies on specific instances of cultural tourism.

March 2013 / 260 pages / HB / 9781845939236

US\$140



Garden Tourism

Richard W Benfield, Central Connecticut State University, USA

Garden visitation has been a tourism motivator for many years and can now be enjoyed in many different forms. Private garden visiting, historical garden tourism, urban gardens, and a myriad of festivals, shows and events all allow the green-fingered enthusiast to appreciate the natural world. This book traces the history of garden visitation and examines tourist motivations to visit gardens. Useful for garden managers and tourism students as well as casual readers, it also examines management and marketing of gardens for tourism purposes, before concluding with a detailed look at the form and tourism-based role of gardens in the future.

May 2013 / 272 pages / PB / 9781780641959

US\$75



Medical Tourism

John Connell, Professor of Human Geography, University of Sydney

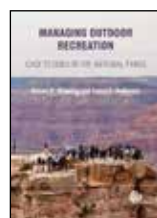
Tourism has long been associated with improved health, resulting in a boom of spas, yoga and rejuvenation treatments. Medical Tourism looks at the background and rise of health tourism, new emerging facets of the sector, and examines how medical tourism benefits local health care providers, economies and the tourism industry as a whole.

April 2013 / 224 pages / PB / 9781780643694

US\$75

March 2011 / 224 pages / HB / 9781845936600

US\$125



Managing Outdoor Recreation Case Studies in the National Parks

Robert E Manning and **Laura E Anderson**, University of Vermont, USA

The popularity of outdoor recreation and ecotourism continues to grow worldwide, but there is little systematic information on successful management practices in National Parks. This book presents the issue of how to manage outdoor recreation in ways that protect the integrity of park resources and the quality of the visitor experience.

August 2012 / 256 pages / PB / 9781780641874

US\$70

August 2012 / 256 pages / HB / 9781845939311

US\$145



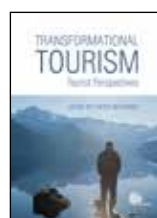
Frameworks for Tourism Research

Douglas G Pearce, Victoria University of Wellington, New Zealand

Frameworks are the foundation of good scholarship. They structure, organize and communicate research, underpin individual studies and shape the field of study as a whole. This book provides the first comprehensive and systematic review and critique of frameworks for tourism research.

May 2012 / 224 pages / HB / 9781845938987

US\$145



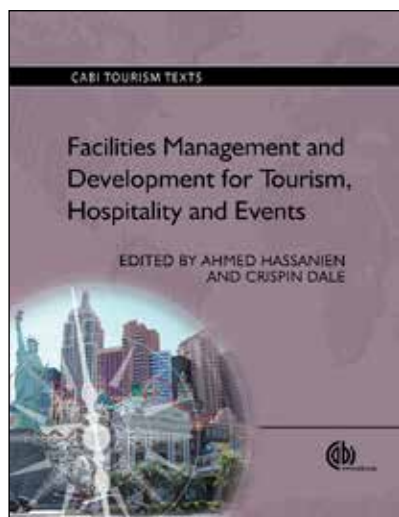
Transformational Tourism Tourist Perspectives

Edited by **Yvette Reisinger**, Gulf University for Science and Technology, Kuwait

Transformational Tourism deals with the important issue of how travel and tourism can change human behaviour and have a positive impact on the world. The book focuses on human development in a world dominated by post-9/11 security and political challenges, economic and financial collapses, and environmental threats.

April 2013 / 256 pages / HB / 9781780642093

US\$140



Facilities Management and Development for Tourism, Hospitality and Events

CABI Tourism Texts

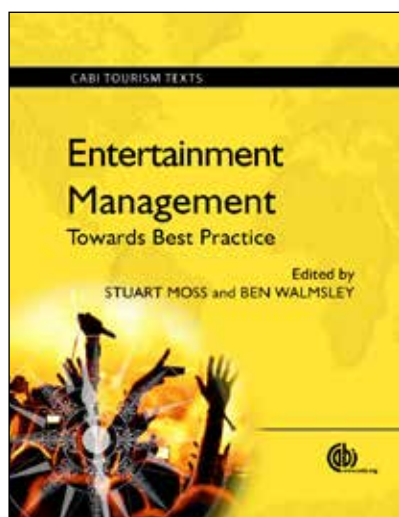


Edited by **Ahmed Hassanien**, Edinburgh Napier University, UK and **Crispin Dale**, University of Wolverhampton, UK

Covering important contemporary subjects from both theoretical and applied perspectives, this book considers the planning, development and management of facilities operations from several key perspectives, drawing upon the expertise of complementary experts in the design, management and development of THE facilities.

June 2013 / 384 pages / PB / 9781780640341

US\$75



Entertainment Management Towards Best Practice

CABI Tourism Texts



Edited by **Stuart Moss** and **Ben Walmsley**, Leeds Metropolitan University, UK

Following on from *The Entertainment Industry: An Introduction*, *Entertainment Management* takes the next step in the development of entertainment as a practice and as an academic subject. Aimed at higher level undergraduates, the book discusses best practices in the entertainment industry, profiling a different discipline per chapter, each one a branch of entertainment that offers employment opportunities within the sector. Fields include marketing, P.R., the media, live events, artist management, arts and culture, consultancy and visitor attractions. The book aims to reflect the knowledge students will need for real world of entertainment management such as technical standards, business management, people management, economic aspects and legal issues. Each chapter discusses the background of the discipline, best practice management principles, issues in the wider environment, case studies of real organisations and future trends.

July 2014 / c.256 pages / PB / 9781780640235

US\$75

June 2014 / 256 pages / HB / 9781780640228

US\$160



The Host Gaze in Global Tourism

Edited by **Omar Moufakkir**, Group Sup de Co La Rochelle, France and **Yvette Reisinger**, Gulf University for Science and Technology, Kuwait

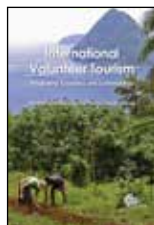
The Host Gaze in Global Tourism is a unique look at the host gaze from within the host community.

It discusses how the gaze is constructed, how it

has developed, how it varies between countries and how the tourism industry can affect it. By looking at the gazes of both Western and non-Western hosts, this book analyses the dynamics of a host destination and consequences the gaze can have upon the tourist.

December 2012 / 280 pages / HB / 9781780640211

US\$160



International Volunteer Tourism Integrating Travellers and Communities

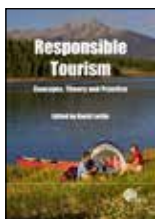
Edited by **Stephen Wearing**, University of Technology, Sydney and **Nancy Gard McGehee**, Virginia Tech, USA

Concentrating on the experience of the volunteer tourist and the host community, this book builds on the view of volunteer tourism as

a positive and sustainable form of tourism to examine a broader spectrum of behaviours and experiences and consider critically where the volunteer tourist experience both compliments and collides with host communities.

August 2013 / 184 pages / HB / 9781845936969

US\$125



Responsible Tourism Concepts, Theory and Practice

Edited by **David Leslie**, formerly of Glasgow Caledonian University, UK

This book discusses responsible tourism as a whole, including the politics, policy and planning behind it, and major sub-topics such

as poverty reduction, the environment, transport, governance, wildlife tours and heritage.

August 2013 / 184 pages / HB / 9781845939878

US\$125



Nautical Tourism

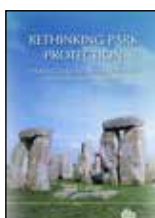
Edited by **Tihomir Lukovic**, University of Dubrovnik, Croatia

Nautical tourism as an industry has been developing rapidly in scope and economic status and continues to do so. This book provides a timely analysis of nautical tourism in Europe, examining the provision and

expansion of nautical tourism in economies at different stages of development.

July 2013 / 256 pages / HB / 9781780642444

US\$145



Rethinking Park Protection Treading the Uncommon Ground of Environmental Beliefs

Will LaPage, Former Director of New Hampshire state parks and historic sites, USA

This book challenges the reader to examine the core beliefs that created our public parklands,

comparing them with the beliefs that guide contemporary park stewardship in an effort to improve the management of parks and reassess their purpose in modern life.

May 2012 / 224 pages / PB / 9781780640341

US\$50

May 2012 / 224 pages / HB / 9781845939991

US\$105



Handbook of Scales in Tourism and Hospitality Research

Dogan Gursoy, Washington State University, USA, **Muzaffer Uysal**, Virginia Tech, USA, **Ercan Sirakaya-Turk**, University of South Carolina, USA, **Yuksel Ekinci**, Oxford Brookes University, UK and **Seyhmus Baloglu**, Harrah College of Hotel Administration, USA

As the field of tourism and hospitality experiences maturity and scientific sophistication, researchers need to fully understand the breadth and depth of existing scales that help explain, understand, monitor, and predict not only behaviour but also consequences of such behaviour as a function of demand and supply interactions in the field. By introducing the importance of measurement and scales and providing groupings of existing scales The Handbook of Scales in Tourism and Hospitality Research serves as the state of the art reference book in the field of tourism, hospitality and allied fields such leisure, recreation, and services management.

December 2014 / 536 pages / HB / 9781780644530

US\$240



Research Themes for Events

Edited by **Rebecca Finkel**, Queen Margaret University, UK, **David McGillivray**, University of the West of Scotland, UK, **Gayle McPherson**, University of the West of Scotland, UK and **Peter Robinson**, University of Wolverhampton, UK

Events Management as a subject has been well documented from a practical angle, but this is the first book to cover events from a research perspective. Subjects on consumer behaviour, authenticity and new technologies are included, and the research angle is covered by addressing key concepts, theories and discussions centring on these subjects.

October 2013 / 184 pages / HB / 9781780642529

US\$125

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