

CABI Books 2016





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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.

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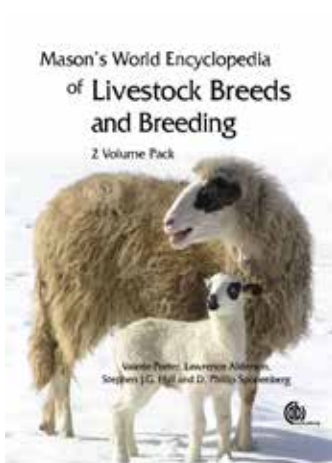
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If you wish to submit a proposal or discuss collaborating on a project please email Caroline Makepeace, Head of Books Commissioning at c.makepeace@cabi.org

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If you have any marketing queries please email David Porter, Books Marketing Manager at d.porter@cabi.org

Key new titles for 2016

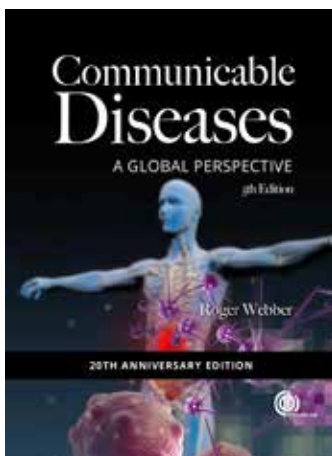


Mason's Encyclopedia of Livestock Breeds and Breeding, 2 Volume Set

Valerie Porter, Lawrence Alderson, Stephen Hall, and D Phillip Sponenberg

Written by renowned livestock authorities, this volume draws on the authors' lifelong interest and involvement in livestock breeds of the world, presenting a unique, comprehensive and fully cross-referenced guide to cattle, buffalo, horses, pigs, sheep, asses, goats, camelids, yak and other domesticants.

page 30

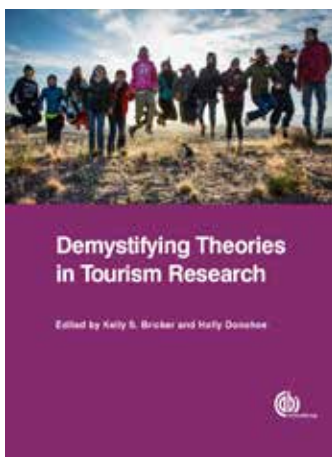


Communicable Diseases: A Global Perspective, 5th Edition

Roger Webber

Completely updated and revised and now with an integrated eBook, this best selling text continues to provide an essential overview of the subject from epidemiology, control strategies, notifications and regulations, to an overview of the major diseases both established and new and emerging. An essential resource for all those in public health, medical science and healthcare workers needing a comprehensive yet concise practical text.

page 39



Demystifying Theories in Tourism Research

Edited by **Kelly S Bricker** and **Holly Donohoe**

It often seems that there is more confusion than consensus regarding tourism theory. Providing a complete overview of the ways researchers use theory, this book uses pedagogical features such as vignette case studies to provide an accessible and engaging approach to an often controversial subject.

page 44

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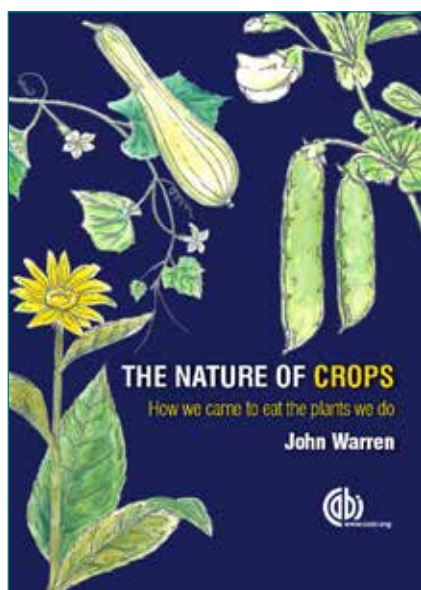
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The Nature of Crops

How we came to eat the plants we do

John Warren, Aberystwyth University, UK

"Glorious in breadth and fascinating in depth, all the short stories means the *The Nature of Crops* can be read and reread in the room where *Sterculius* is king."

– *New Scientist*

Have you ever wondered why we eat wheat, rice, potatoes and cassava? Why we routinely domesticate foodstuffs with the power to kill us, or why we chose almonds over acorns? Answering all these questions and more in a readable and friendly style, this book takes you on a journey through our history with crop plants. Arranged into recurrent themes in plant domestication, this book documents the history and biology of over 50 crops, including cereals, spices, legumes, fruits and cash crops such as chocolate, tobacco and rubber. In *The Nature of Crops* John Warren reveals:

- Why the Egyptians worshipped onions;
- Why red-flowering runner beans provide fewer beans than white-flowering;
- The inherent dangers of being a pineapple worker; and
- Why a bird will always beat you in a chilli pepper eating competition!

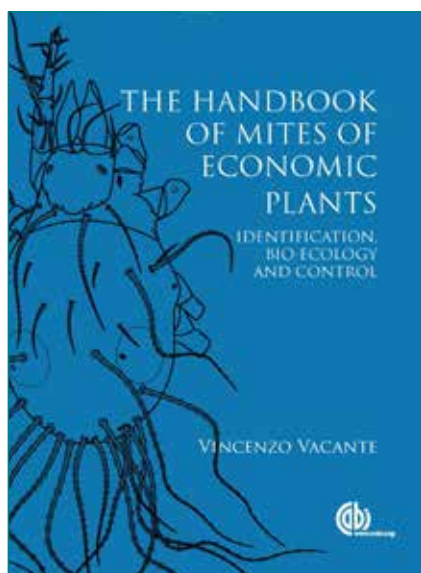
April 2015 | 192 pages | HB | 9781780645087

£45 | €60 | US\$85

April 2015 | 192 pages | PB | 9781780645094

£19.95 | €25 | US\$40

www.cabi.org/bookshop/book/9781780645087



The Handbook of Mites of Economic Plants

Identification, Bio-ecology and Control

Vincenzo Vacante, Mediterranean University, Italy

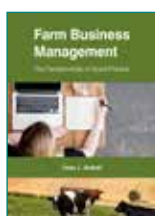
Mites pose a serious problem to plants worldwide. Responsible for a significant portion of crop losses for food, fibre, industry and other purposes, they require expensive and often controversial control measures. This definitive guide provides a thorough coverage of these mites and the problems they cause to crops:

- Includes mites of the following families: Eriophyidae, Tarsonemidae, Tuckerellidae, Tenuipalpidae, Tetranychidae, Acaridae, Pentheleidae, Histiogmatidae, Erythraeidae, Phytoseiidae, Diptilomiopidae, Dolichocybidae, Siteroptidae, Pygmephoridae, Scutacaridae, and Microdispidae
- Covers methods of mite collection, species diagnostic characteristics, distribution, host plants and identification by type of damage
- Global coverage; reviews mite prevalence across regions and discusses control methods appropriate to different environments
- Easily searchable layout, with an opening section covering ecology, morphology and more, before mites are organised by species and subdivided into helpful headings

December 2015 | 876 pages | HB | 9781845939946

£185 | €240 | US\$350

www.cabi.org/bookshop/book/9781845939946



Farm Business Management

The Fundamentals of Good Practice



Peter Nuthall, Lincoln University, New Zealand

Written by an expert with decades of teaching and research experience around the world, this book covers the most important aspects

of farm management, such as observation, decision making, budgeting, risk assessment and record keeping; is organized into easy-to-navigate sections such as the farmer's environment, financials, key skills and farm systems; and includes student-focused pedagogy throughout, comprising learning objectives, focus study exercises and review questions.

April 2016 | c.384 pages | HB | 9781780646565
£125 | €165 | US\$205

April 2016 | c.384 pages | PB | 9781780646572
£39.99 | €55 | US\$65

www.cabi.org/bookshop/book/9781780646565



Coping with Risk in Agriculture

Applied Decision Analysis

3rd Edition



J. Brian Hardaker, University of New England, Australia, Gudbrand Lien, Lillehammer University College, Norway,

Jock R. Anderson, Consultant, USA and Ruud B.M. Huirne, Wageningen University, The Netherlands

Farmers face risks from the weather, crop and livestock performance, pests and diseases, as well as institutional, personal and business risks. This book includes updated chapters on theory and methods and a new chapter on the state-contingent approach to the analysis of production and the use of copulas to better model stochastic dependency.

April 2015 | 288 pages | HB | 9781780645742
£80 | €105 | US\$150

March 2015 | PB | 272 pages | 9781780642406
£39.95 | €55 | \$75

www.cabi.org/bookshop/book/9781780645742



Transition to Agricultural Market Economies

The Future of Kazakhstan, Russia and Ukraine

Edited by **Andrew Schmitz**, University of Florida, USA and **William H. Meyers**, University of Missouri, Colombia, USA

It is believed that the major countries of the former Soviet Union – specifically Kazakhstan, Russia and Ukraine (KRU region) – are the part of the world with the most potential to increase food supplies and strengthen world food security. This book examines the future of the KRU countries in global agricultural markets and examines a number of agricultural sectors. Particular attention is paid to the potential expansion of the grain sector and why the KRU region emerged during the 2000s as a major grain exporter, and its potential to further expand grain production and exports.

June 2015 | 278 pages | HB | 9781780645353
£85 | €110 | US\$160

www.cabi.org/bookshop/book/9781780645353



Conservation Agriculture in Subsistence Farming

Case Studies from South Asia and Beyond

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

Conservation agriculture systems have long-term impacts on livelihoods, agricultural production, gender equity, and regional economic development of tribal societies in South Asia. This book presents South Asia as a case study, due to the high soil erosion caused by monsoon rainfall and geophysical conditions in the region, which necessitate conservation agriculture approaches, and the high percentage of people in South Asia relying on subsistence and traditional farming. The book takes an interdisciplinary approach to analyse systems at scales ranging from household to regional and national levels.

June 2015 | 278 pages | HB | 9781780644233
£85 | €110 | US\$160

www.cabi.org/bookshop/book/9781780644233



Potato and Sweetpotato in Africa

Transforming the Value Chains for Food and Nutrition Security

Edited by **Jan Low**, International Potato Center, Kenya, **Moses Nyongesa**, Kenya International Research Institute, Kenya, **Sara Quinn** and **Monica Parker**, both International Potato Center, Kenya

Sweetpotato and potato are expanding faster than any other food crops in sub-Saharan Africa. There is growing investment in research to address bottlenecks in value chains concerning these two crops, and growing interest from the private sector in investing in them. This book addresses five major themes on sweetpotato and potato: policies for germplasm exchange, food security and trade in Africa; seed systems; breeding and disease management; post-harvest management, processing technologies and marketing systems; nutritional value and changing behaviours.

October 2015 | 632 pages | HB | 9781780644202
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780644202



Abiotic Stresses in Crop Plants

Edited by **Usha Chakraborty Bishwanath Chakraborty**, both University of North Bengal, India

Based on the biochemical and molecular mechanisms of tolerance of commonly encountered abiotic stresses in nature, this book covers the effect of increasing temperature, flood, drought, salinity, ozone and heavy metals such as arsenic and cadmium on plants. It discusses how these abiotic stresses can be managed in a cost-effective and eco-friendly way by utilising the alleviating mechanisms of microbes. Written in three sections, it considers each stress and their alleviation methods in detail, providing a rounded and vital resource on the subject for researchers and students of crop stress, management and biology.

July 2015 | 278 pages | HB | 9781780643731
£85 | €110 | US\$160

www.cabi.org/bookshop/book/9781780643731



Crop Improvement, Adoption and Impact of Improved Varieties in Food Crops in Sub-Saharan Africa

Edited by **Thomas S. Walker** and **Jeffrey Alwang**, Virginia Tech, USA

Resulting from the DIIVA project, this book reports on varietal generation, adoption of the varieties and the impacts they have for 20 food crops in 30 countries. Divided into four, easy to navigate sections, it covers maize and cassava, the major staple food crops, as well as crops of increasing importance such as soybean, potato, sweetpotato, and pigeonpea. Providing a lifeline for many, crop variety improvement is not limited by agroecology or population density, and also requires no major capital investment. An important and up to date review of the productivity impacts of crop variety improvement research, this volume forms essential reading for researchers of crop science, as well as anyone guiding future global agricultural research.

October 2015 | 278 pages | HB | 9781780644011
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780644011



Sustainable Crop Disease Management using Natural Products

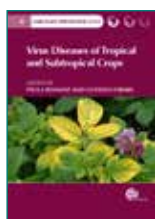
Edited by **Sangeetha** and **Ganesan Kurucheve Vadivel**, both Annamalai University, India, **Jayaraj Jayaraman**, The University of The West Indies, Trinidad and Tobago

Alternative methods of disease control such as natural products and compounds derived from biological origins, provide an effective alternate to the use of chemical products or a means to minimize their use. It is imperative now to look for such sustainable crop disease management approaches, that include routine and alternative methods.

Sustainable Crop Disease Management using Natural Products is an effort in this direction, and deals with immediate concerns in the field of natural and alternative products for disease control, apart from using biocontrol organisms. This book presents up-to-date information on natural products and compounds derived from biological origins and thoroughly discusses their applicability, field use and prospects for adoption under different cropping conditions.

November 2015 | 376 pages | HB | 9781780643236
£115 | €150 | US\$195

www.cabi.org/bookshop/book/9781780643236



Virus Diseases of Tropical and Subtropical Crops

CABI Plant Protection Series

Edited by **Paula Tennant**, University of West Indies, Jamaica, **Gustavo A. Fermin M**, Instituto Jardín Botánico de Mérida, Venezuela

This book describes interactions of plant viruses with hosts and transmission vectors in an agricultural context. Starting with an overview of virus biology, economics and management, chapters then address economically significant plant diseases of tropical and subtropical crops. For each disease, symptoms, distribution, economic impact, causative virus, taxonomy, host range, transmission, diagnostic methods and management strategies are discussed.

December 2015 | 264 pages | HB | 9781780644264
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781780644264



Pest Management in Organic Farming

CABI Plant Protection Series

Edited by **Vincenzo Vacante**, Mediterranean University, Italy and **Serge Kreiter**, CIBG, France

Organic agriculture practices limit the options available for pest control, relying on cultural and physical methods as well as biological control. This book details the various methods of control applied in organic farming for the major horticultural and agronomic crops, and includes summary tables of the technical means allowed by international regulations. With contributions from international authors, it currently represents the only comprehensive review of pest management in organic systems.

December 2016 | c.384 pages | HB | 9781780644998
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781780644998



Climate Change Challenges and Adaptations at Farm-level

Case Studies from Asia and Africa

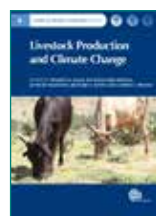
CABI Climate Change Series

Edited by **Naveen P. Singh**, **Cynthia Bantilan**, **Kattarkandi Byjesh** and **Swamikannu Nedumaran**, all ICRISAT, India

This book emphasises the importance of farm-level adaptation in mitigating against the risks of climate change. It highlights the key issues that arise in farm-level impacts, adaptation and vulnerability, and discusses the methodological approaches undertaken in Asia and Africa. Systematically describing the perceptions and aspirations of the farmers themselves, the chapters identify constraints and opportunities and translate these into intervention recommendations. Using both quantitative and qualitative approaches, this book is a valuable reference for development practitioners and researchers of climate change and its consequences.

December 2015 | 300 pages | HB | 9781780644639
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781780644639



Livestock Production and Climate Change

CABI Climate Change Series

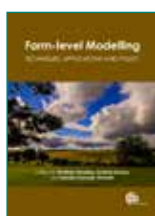
Edited by **Pradeep K Malik**, National Institute of Animal Nutrition and Physiology, India, **Raghavendra Bhatta**, National Institute of Animal Nutrition and Physiology, India, **Junichi Takahashi**, Obihiro University of

Agriculture and Veterinary Medicine, Japan, **Richard Kohn**, University of Maryland at College, USA, **Cadaba S Prasad**, National Institute of Animal Nutrition and Physiology, India

This book approaches the issues of livestock production and climate change through three sections: I. Livestock production, II. Climate change and, III. Enteric methane amelioration. Providing a complete overview of livestock production and climate change, this book forms a valuable reference for researchers of animal production, climate change and related subjects.

April 2015 | 408 pages | HB | 9781780644325
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781780644325



Farm-Level Modelling

Techniques, Applications and Policy

Edited by **Shailesh Shrestha**, James Cook University, Australia, **Bouda Vosough Ahmadi** and **Andrew Barnes**, both SRUC, UK

Farm level models have been widely used in agricultural economic studies. This book provides an in-depth description of different methodologies and techniques currently used in farm level modelling. Whilst chapters give an overview of the theoretical grounding behind the models, it also takes an applied stance; more specifically using cases from the application of modelling to policy reforms and the subsequent impacts on rural communities and food supply. This book also provides descriptions on using farm level models in much wider fields such as aggregation and linking with sectoral models.

September 2016 | c.272 pages | HB | 9781780644288
£85 | €110 | US\$140

www.cabi.org/bookshop/book/9781780644288



Millets Value Chain for Nutritional Security

A Replicable Success Model from India

Benhur Dayakar Rao and **Jagannath Vishnu Patil**, ICAR, India

The development of successful value chains to revive demand for traditional cereals such as millets plays an important role in ensuring health and nutrition security in India. *Millets Value Chain for Nutritional Security: A Replicable Success Model from India* demonstrates value addition to millets from production to consumption, covering chapters on nutritional evaluation, on-farm cultivation, intervention in food processing, entrepreneurship development, commercialization and popularization and policy sensitization. This book outlines practical interventions to revive the demand for millets as a convenient and nutritive option for consumers, whilst presenting a reliable model that can be adapted for the development of other commodities.

June 2016 | 216 pages | HB | 9781780648309
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781780648309



International Trade and Food Security

The Future of Indian Agriculture

Edited by **Floor Brouwer**, Wageningen University, Netherlands and **Pramod K. Joshi**, International Food Policy Research Institute (IFPRI), South Asia

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

The contributors draw on qualitative and quantitative approaches, using both a national model – to focus on urban-rural relations and income distribution – and an international model to focus on patterns of economic growth and international trade.

August 2016 | c.248 pages | HB | 9781780642826
£75 | €100 | US\$125

www.cabi.org/bookshop/book/9781780642826



Harnessing Dividends from Drylands

Innovative Scaling up with Soil Nutrients

Edited by **KV Raju** and **SP Wani**, ICRISAT, India

The livelihoods of millions of people in developing countries depend on dryland agriculture to ensure their food security and their well-being. Any improvement in yields for farmers in these areas will have a significant positive affect. This book describes lessons learnt from an innovative scheme in India that improved yields in drylands. It shows how the scheme can be scaled up for other dryland regions of the world. The scheme uses localised soil nutrient analyses to create an integrated, climate-smart fertilizer and planting plan that maximises yields for farmers.

August 2016 | c.288 pages | HB | 9781780648156
£85 | €110 | US\$140

www.cabi.org/bookshop/book/9781780648156



Enabling Agri-entrepreneurship and Innovation

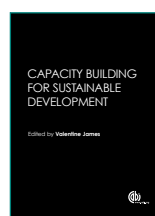
Empirical Evidence and Solutions for Conflict Regions and Transitioning Economies

Edited by **Catherine Chan**, **Brent S. Sipes** and **Tina Lee**, all University of Hawaii at Manoa, Honolulu, USA

This book addresses agri-entrepreneurship in conflict and transitional regions, focusing on small agri-business and farms within communities where individuals face conflicts which impact upon their business growth cycle and economic security. Research information on methods to enable entrepreneurship in conflict regions is lacking, meaning that programmes are developed for non-agricultural, non-conflict regions. The result is sub-optimal programme design and inefficient use of resources. A product of a collaboration of experts in agri-business, agricultural marketing, and international development, this book is a critical resource to those involved in promoting entrepreneurship in conflict areas.

December 2016 | 256 pages | HB | 9781780647753
£95 | €125 | US\$160

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Capacity Building and Sustainable Development

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

Capacity building has been a topic of intense focus in many "core" or industrialized counties. This book explores the theoretical underpinnings of capacity building to sustain the natural resources, cultural resources, and human resources of communities. It reviews the extensive literature on capacity building strategies and policies and examines the implication of sustainable development and sustainability of communities around the world. Taking both theoretical and applied approaches, the book offers methods of operationalizing sustainable development and sustainability theories. It also explores capacity building methods at different levels of governments, providing examples of successful practices in nongovernmental and governmental agency roles.

December 2016 | 208 pages | HB | 9781780646169
£75 | €100 | US\$125

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Biocontrol Agents

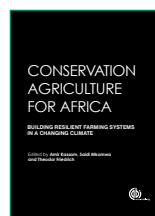
Entomopathogenic and Slug Parasitic Nematodes

Edited by **Abd-Elgawad**, National Research Center, Egypt, **Tarique Hassan Askary**, Sher-e-Kashmir University of Agricultural Sciences and Technology, India, **James Coupland**, FarmForest Research Inc, Canada

Insect and slug pests are a worldwide problem for crop growers. This book provides a comprehensive account of two groups of nematodes used as biocontrol agents in the management of these crop pests. Covering entomopathogenic and slug parasitic nematodes, it reviews the new approaches and techniques for their use and discusses how to include biological control tools in an integrated pest management programme.

October 2016 | 450 pages | HB | 9781786390004
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781786390004



Conservation Agriculture for Africa

Building Resilient Farming Systems in a Changing Climate

Edited by **Amir Kassam**, University of Reading, UK, **Saidi Mkomwa**, African Conservation Tillage (ACT) Network, Kenya, **Theodor Friedrich**, FAO, Cuba

This book assesses the latest trends in the adoption of conservation agriculture. Focusing on the most recent technologies to improve agricultural resilience to climate change, as well as increase profitability and sustainability, it takes a continental and sub-regional approach to African agriculture. Covering climate-proofing, resilience, sustainable intensification, and the extension and adoption process for new techniques, this book is a vital resource for researchers of agriculture and sustainability.

October 2016 | 450 pages | HB | 9781780645681
£110 | €140 | US\$210

www.cabi.org/bookshop/book/9781780645681



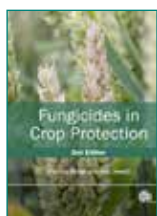
Transition Pathways towards Sustainability in Agriculture Case Studies from Europe

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

This book focuses on understanding farming transition pathways towards sustainability, using case studies from Europe. It assesses the utility of the multi-level perspective in transition theory for addressing contemporary issues and identifies future research needs, making it an essential read for researchers of rural or agricultural change.

**November 2014 | 246 pages | HB | 9781780642192
£80 | €105 | US\$150**

www.cabi.org/bookshop/book/9781780642192



Fungicides in Crop Protection, 2nd Edition

Richard P Oliver, Curtin University, Australia and **H G Hewitt**, University of Reading, UK

The growing global population necessitates reduced crop losses to improve food security, and the control of fungal plant pathogens is vital to help maintain food production. Providing a concise and balanced review of fungicides used in crop protection, this book describes the science of fungicide use, selection and resistance within the context of farming situations. Major updates and additions reflecting the emergence of two new classes of fungicides (strobilurins and SDHI) and the increased incidence of fungicide resistance are included in this new edition, which also discusses legislative requirements to reduce fungicide applications, and current trends in fungicide use.

**October 2014 | HB | 200 pages | 9781780641669
£85 | €110 | \$160**

**October 2014 | PB | 200 pages | 9781780641676
£39.95 | €55 | \$75**

www.cabi.org/bookshop/book/9781780641669



Bt Resistance Characterization and Strategies for GM Crops Producing *Bacillus thuringiensis* Toxins

CABI Biotechnology Series

Edited by **Mario Soberón**, Universidad Nacional Autónoma de México, Mexico, **Yulin Gao**, Chinese Academy of Agricultural Sciences, China, **Alejandro Bravo**, Universidad Nacional Autónoma de México, Mexico

Bacillus thuringiensis (Bt) bacteria use Cry proteins to kill their insect larval hosts. The expression of certain Cry toxins in transgenic crops has been widely used to achieve efficient control of insect pests. This book describes the use of Bt crops and the emerging problem of resistance, recent progress in understanding the mechanism of action of Bt toxins, different resistance mechanisms and strategies to cope with resistance in the field. It describes resistant insects found in the field in different countries, particularly in the developing world, and ways to counter resistance such as gene stacking, refuges, modified toxins and gene discovery of novel toxins with different mode of action.

**April 2015 | HB | 226 pages | 9781780644370
£75 | €100 | \$145**

www.cabi.org/bookshop/book/9781780644370



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

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

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

**May 2014 | HB | 536 pages | 9781780644158
£125 | €165 | \$240**

www.cabi.org/bookshop/book/9781780644158



An Introduction to Economics Concepts for Students of Agriculture and the Rural Sector, 4th Edition



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

This book provides a simple but effective introduction to economics. Fully updated and revised, this fourth edition incorporates the recent changes that have taken place in the environment in which agriculture operates. Covering the impacts of the EU expansion to 28 Member States, major changes to financial support of agriculture, financial crises, economic recession and, in many countries, high levels of unemployment, it provides a rounded and up to date introduction to the subject. The inclusion of chapter-focused exercises, essay questions and further reading suggestions make this textbook an invaluable learning tool for students of agriculture, economics and related sectors.

**November 2014 | 256 pages | PB | 9781780644752
£39.95 | €55 | US\$75**

www.cabi.org/bookshop/book/9781780644752



Climate Change Impact and Adaptation in Agricultural Systems CABI Climate Change Series

Edited by **Jurg Fuhrer**, **Peter Gregory**, University of Reading, UK

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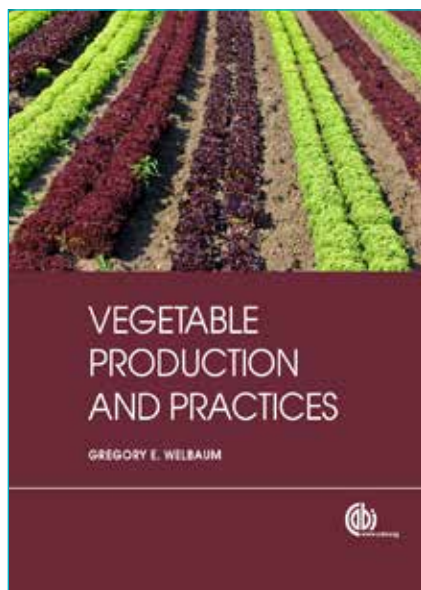
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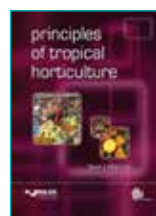


Ross Cameron and **James Hitchmough**
both University of Sheffield, UK

Environmental horticulture is horticulture we encounter in our daily lives. It includes parks, botanic gardens, sports facilities, roundabouts, cemeteries and shopping centres. This textbook gives an overview of the subject, discusses the impacts it has on the environment and covers the practical management of environmental horticulture.

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Garden Centre Management

Ken Crafer, Independent Consultant, UK

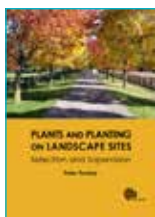
Garden centre management has professionalised in recent years as garden centres have become more highly developed retail operations. Many students of horticulture are expected to go into retail management and so the topic has increasingly appeared on the

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Biocontrol of Major Grapevine Diseases

Leading Research

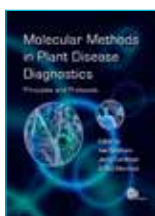
Edited by **Stéphane Compant**, AIT Austrian Institute of Technology GmbH, Austria and **Florence Mathieu**, INP-ENSAT, France

Biocontrol of Major Grapevine Diseases provides a timely research update on the

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Molecular Methods in Plant Disease Diagnostics

Principles and Protocols

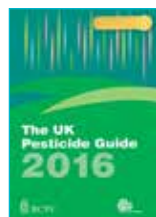
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Molecular diagnostic of plant diseases offer a number of advantages over traditional, highly specific, methods based on microscope

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The UK Pesticide Guide 2016 29th Edition

Edited by **Martin A. Lainsbury**, Association of Independent Crop Consultants (AICC), BCPC for the UKPG

The UK Pesticide Guide is a unique and authoritative source of information on pesticides and adjuvants. The 2016 edition

has three new active ingredient profiles included for the first time.

The additions include: imazosulfuron for weed control in winter cereals, metobromuron for weed control in potatoes, fenpyrazamine for disease control in wine grapes and protected cucurbits. Many products have new hazard classifications as Europe starts to standardise with the rest of the world. Some products now have buffer zone requirements greater than the standard LERAP 5 metres. Other additions include: 11 new herbicide profiles, 13 new fungicide profiles, Spearmint oil, a sprout suppressant for potatoes

January 2016 | 770 pages | PB | 9781780647937
£51 | €70 | US\$85

<http://www.cabi.org/bookshop/book/9781780647937>



The Handbook of Microbial Bioresources

Edited by **V. K. Gupta**, National University of Ireland Galway, Ireland, **G. D. Sharma**, Bilaspur University, India, **M. G. Tuohy**, National University of Ireland Galway, Ireland, **R Gaur**, RML Avadh University, India

Microbial technology plays an integral role in the biotechnology, bioengineering, biomedicine/ biopharmaceuticals and agriculture sector. This book provides a detailed compendium of the methods, biotechnological routes, and processes used to investigate different aspects of microbial resources and applications. It covers the fundamental and applied aspects of microorganisms in the health, industry, agriculture and environmental sectors, reviewing subjects as varied and topical as pest control, health and industrial developments and animal feed.

March 2016 | c.656 pages | HB | 9781780645216
£195 | €255 | US\$320

www.cabi.org/bookshop/book/9781780645216



Enhancing Crop Genepool Use Capturing Wild Relative and Landrace Diversity for Crop Improvement

Edited by **Nigel Maxted**, University of Birmingham, UK, **Mohammad E. Dooloo**, FAO, Italy and **Brian V. Ford-Lloyd**, University of Birmingham, UK

Based on the 2014 'Enhanced Genepool Utilization' Capturing wild relative and

landrace diversity for crop improvement' conference, in this book a team of international contributors address all aspects of utilization and conservation of crop wild relative (CWR) and landrace (LR) diversity for crop improvement. Focussing on characterisation techniques, conservation strategies, facilitating CWR and LR use and informatics development, this book highlights exotic plant germplasm as a potentially critical but neglected resource for crop improvement.

May 2016 | c.504 pages | HB | 9781780646138
£135 | €175 | US\$255

www.cabi.org/bookshop/book/9781780646138



Strawberry

Growth, Development and Diseases

Edited by **Amjad M. Husaini**, SKUAST-Kashmir, India and **Davide Neri**, Politecnica delle Marche, Italy

This book provides a broad, balanced review of scientific knowledge of strawberries and their cultivation under current environmental

conditions. It is divided into three sections. The first section "Genetics, Breeding and Omics" covers topics on genetic resources, breeding, metabolomics, transcriptomics, and genetic transformation of strawberry. Section 2 "Cultivation Systems and Propagation" discusses plant architecture, replant problems and plant propagation techniques. Section 3 "Disease and Stress Management" deals with traditional and emerging fungal diseases, their diagnosis and modern biocontrol strategies, and biotechnological interventions for dealing with challenges of climate change.

December 2016 | c.350 pages | HB | 9781780646633
£95 | €125 | US\$180

www.cabi.org/bookshop/book/9781780646633



The Lime

Botany, Production and Uses

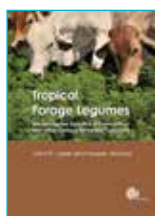
Edited by **M. Mumtaz Khan** and **Rashid Al-Yahyai**, both Sultan Qaboos University, Oman and **Fahad Al-Said**, Research Council, Oman

The Lime: Botany, Production and Uses covers the breeding, genetics and biodiversity of the plants, and explains the processes for

establishing a lime orchard, including propagation techniques, pruning and thinning of established trees, water requirements and irrigation systems. All the major problems of lime cultivation are explored and discussed, including increasing threats such as Witches' Broom disease and Citrus Greening, along with approaches for pest and disease management and prevention.

December 2016 | c.368 pages | HB | 9781780647845
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781780647845



Tropical Forage Legumes

Harnessing the Potential of *Desmanthus* and Other Genera for Heavy Clay Soils

John R. Lazier, Independent Consultant, formerly International Livestock Centre for Africa

Covering over four decades of research this book includes a detailed analysis of the forage

germplasm available which is adapted to heavy clay soils, explores the genetics of the most promising genera, and makes recommendations for future research.

June 2016 / HB / 480 pages / 9781780646282
£135 / £175 / \$225



Plant Biodiversity

Monitoring, Assessment and Conservation

Edited by **Abid A. Ansari**, University of Tabuk, Saudi Arabia and **Sarvajeet Singh Gill**, MD University, India

Regular monitoring of the diversity and structure of plant communities is used by conservation biologists to help understand

impacts of perturbations caused by humans and other environmental factors on ecosystems worldwide. This book presents a series of essays on the application of plant biodiversity monitoring and assessment to help prevent species extinction, ecosystem collapse, and solve problems in biodiversity conservation. Case studies and examples are used from all over the world, and from a broad range of terrestrial and aquatic ecosystems.

June 2016 | c.640 pages | HB | 9781780646947
£150 | €195 | US\$250

www.cabi.org/bookshop/book/9781780646947



Almonds

Botany, Production and Uses

Edited by **Rafel Socias I Compay**, CITA de Aragón, Spain and **Tom M. Gradziel**, University of California, USA

Almonds are highly regarded for their nutritional properties for culinary purposes, and almond oil is used widely in food,

cosmetic and pharmaceutical production. This book provides a thorough coverage of almonds, both botanically and in terms of practical matters such as processing and industrial uses. Chapters include coverage of botany and taxonomy, cultivation, genetics and breeding, propagation, orchard management, nutrition, pests and diseases, harvesting, marketing products and utilization.

October 2016 | c.500 pages | HB | 9781780643540
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780643540



The Handbook of Naturally Occurring Insecticidal Toxins

Opender Koul, Insect Biopesticide Research Centre, India

Plant species, microorganisms and marine flora and fauna produce hundreds of toxic compounds for defence and to promote their chances of survival, and these can be isolated

and appropriated for our own use. Many of these toxins have yet to be thoroughly described, despite being studied for years. Focusing on the natural toxins that are purely toxic to insects, this book contains over 500 chemical structures. It discusses the concepts and mechanisms involved in toxicity, bioassay procedures for evaluation, structure-activity relationships, and the potential for future commercialization of these compounds. A comprehensive review of the subject, this book forms an important source of information for researchers and students of crop protection, pest control, phytochemistry and those dealing in insect-plant interactions.

August 2016 | c.648 pages | HB | 9781780642703
£185 | €240 | US\$290

www.cabi.org/bookshop/book/9781780642703



Leafy Medicinal Herbs Botany, Chemistry, Postharvest Technology and Uses

Edited by **Dawn C.P. Ambrose**, ICAR, India, **Annamalai Manickavasagan**, Sultan Qaboos University, Oman and **Ravindra Naik**, ICAR, India

This book compiles the literature for 23 of the most globally relevant leafy medicinal herbs.

Beginning with a general overview and discussion of the importance of these plants, it then handles each herb by chapter. Chapters discuss the botany of the crop, including its history and origin, geographical distribution and morphology, before focusing on the chemical composition and phytochemical aspects. They then review postharvest technology such as processing and value addition, before concluding with the general and pharmacological uses for each crop. A complete compilation of the subject, this book forms a vital resource for researchers, students, farmers and industrialists in the area of leafy medicinal herbs.

August 2016 | c.312 pages | HB | 9781780645599
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781780645599



Intellectual Property Issues in Biotechnology

Edited by **Harikesh Bahadur Singh**, Banaras Hindu University, India, **Alok Jha**, Department of Agriculture, Government of India, India and **Chetan Keswani**, Banaras Hindu University, India

This book integrates scientific and business-focused approaches for an inside view on the biotechnology industry. It provides a thorough analysis of the foundations of the present day industry, including its history, tools and processes, markets and products. Discussing the principles of biotechnology-associated intellectual property with respect to international frameworks, it also reviews intellectual property rights issues in green (food and agricultural), white (industrial) and red (drug development) biotechnology.

November 2016 | c.600 pages | HB | 9781780646534
£95 | €125 | US\$160

www.cabi.org/bookshop/book/9781780646534



Integrated Pest Management Principles and Practices

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

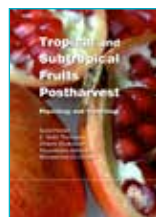
Now in paperback, this book provides a critical evaluation of the management strategies involved in ecologically-based

pest management. Topics covered include biological control with fungi and viruses, conservation of natural predators, use of botanicals and how effective pest management can help promote food security.

March 2012 | 512 pages | HB | 9781845938086
£130 | €175 | US\$250

March 2016 | 512 pages | PB | 9781786390318
£45 | €60 | US\$75

www.cabi.org/bookshop/book/9781845938086



Tropical and Subtropical Fruits Postharvest Physiology and Technology

Sunil Pareek, MPUAT, India, **AK Thompson**, formerly of Cranfield University, UK, **Dharini Sivakumar**, Tshwane University of Technology, South Africa, **Noureddin Benkeblia**, University of West Indies, Mona Campus, Jamaica and

Mohammed El-Otaman, Agricultural and Veterinary Institute, Morocco

Covering fifteen of the most important tropical and subtropical fruits, this book describes their importance, phytochemistry, bioactive compounds and nutritive value, uses and important cultivars. Also including postharvest diseases and physiological disorders for each fruit, postharvest physiology such as respiration, ethylene production, maturity and ripening are reviewed at length with best postharvest handling practices.

October 2016 | c.600 pages | HB | 9781780642925
£155 | €200 | US\$295

www.cabi.org/bookshop/book/9781780642925



Encyclopedia of Herbs and Spices

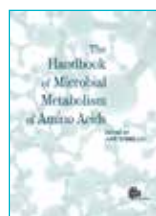
P. Ravindran, former National Coordinator for Spices Research, India

Herbs and spices constitute an important agricultural commodity and are indispensable for pharmaceuticals, nutraceuticals, food and beverage flavouring, perfumery and cosmetics.

Covering over 200 of the world's herbs and spices, this book focuses on their nutraceutical uses, chemical composition, functional properties and food uses in three discursive, introductory chapters, before dealing with them each individually in a section dedicated to their botany, production, processing, products and safety issues.

December 2016 | c.600 pages | HB | 9781780643151
£160 | €210 | US\$305

www.cabi.org/bookshop/book/9781780643151



The Handbook of Microbial Metabolism of Amino Acids

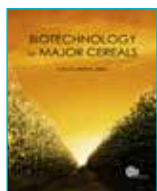
Edited by **JPF D'Mello**, formerly SRUC, UK

This book collates and review recent advances in the metabolism of amino acids, emphasizing the diversity and unique features of amino acid metabolism in bacteria, yeast and protozoan parasites. As well as studying the individual

amino acids, including arginine, sulphur amino acids, branched-chain amino acids and aromatic amino acids, comparative issues are an important and recurring theme of research in particular where comparisons between metabolism of microbes and that of higher organisms, including plants and mammals can be made. A major feature in *The Handbook of Microbial Metabolism of Amino Acids* relates to diversity, both in terms of the range of organisms under investigation and their natural ecology. Thus, bacteria, yeasts, fungi, protozoa and nematodes are all covered and where relevant comparative issues explored.

December 2016 | c.576 pages | HB | 9781780647234
£195 | €255 | US\$320

www.cabi.org/bookshop/book/9781780647234



Biotechnology of Major Cereals

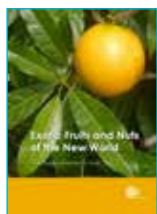
Edited by **Huw Jones**, Rothamsted Research, UK

Biotechnology of Major Cereals focuses on the recent advances and future prospects in cereal biotechnology. The first part of the book covers the world's major cereals and focus on

new developments and trends. The second part is technology rather than species-led, detailing fundamental developments in technologies and significant target traits.

October 2016 | 240 Pages | 9781780645193
£85 | €110 | US\$140

www.cabi.org/bookshop/book/9781780645193



Exotic Fruits and Nuts of the New World

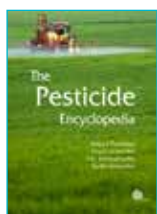
Robert E. Paull, University of Hawaii at Manoa, USA and **Odilo Duarte**, Escuela Agrícola Panamericana – El Zamorano, Honduras

A major reference work on exotic and underutilised fruits and nuts of the New World.

While many of these are well known in the local markets and in Spanish-language literature, they have rarely been brought to the attention of the wider English-speaking audience, and as such this book will offer an entirely new resource to those interested in exotic crops.

January 2015 | 342 pages | HB | 9781780645056
£95 | €125 | US\$180

www.cabi.org/bookshop/book/9781780645056



The Pesticide Encyclopedia

Vasant Gowariker, Senior Chemical Technologist, Government of India, India, **V. N. Krishnamurthy**, Senior Chemist & Industrial Consultant, VSSC, India, **Sudha Gowariker**, Independent Consultant, India, **Kalyani Paranjape**, Independent Consultant, India

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.

December 2014 | 726 pages | HB | 9781780640143
£195 | €255 | US\$370

www.cabi.org/bookshop/book/9781780640143



The Handbook of Mites of Economic Plants Identification, Bio-ecology and Control

Vincenzo Vacante, Mediterranean University, Italy

“A precious work from an acarological point of view. Dr Vacante has put together the best world literature on Eriophyids of economical importance... He is to be highly praised for it.” – *Carlos H.W. Flechtmann*, Universidade de São Paulo – ESALQ, Brazil

Mites pose a serious problem to plants worldwide. Responsible for a significant portion of crop losses for food, fibre, industry and other purposes, they require expensive and often controversial control measures. This definitive guide provides a thorough coverage of these mites and the problems they cause to crops.

December 2015 | c.912 pages | HB | 9781845939946
£185 | €240 | US\$350

www.cabi.org/bookshop/book/9781845939946



Amino Acids in Higher Plants

Edited by **J.P. F. D'Mello**, Formerly of SAC (Scottish Agricultural College), UK

Amino acids play a role in the defence mechanisms and stress responses of plants, as well as in food quality and safety for humans and animals. Recent advances in the field make a comprehensive overview of the information a necessity; this book collates chapters on plant enzymes and metabolism, modulation, molecular aspects and secondary products. Also including information on ecology, the environment and mammalian nutrition and toxicology, it provides an authoritative resource.

April 2015 | 632 pages | HB | 9781780642635
£150 | €195 | US\$290

www.cabi.org/bookshop/book/9781780642635



Biocontrol Agents of Phytonematodes

Edited by **Tarique H. Askary**, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, India and **P. R. P. Martinelli**, Department of Plant Protection, Brazil

Highlighting the use of biocontrol agents as an alternative to chemical pesticides in the management of plant parasitic nematodes, this book reviews the current progress and developments in the field. Tactful and successful exploitation of each biocontrol agent, i.e. nematophagous fungi, parasitic bacteria, predaceous mites, rhizobacteria, mycorrhiza and predaceous nematodes, has been described separately. The contributors are 23 eminent nematologists and their information has been compiled in 19 chapters.

June 2015 | 480 pages | HB | 9781780643755
£135 | €175 | US\$260

www.cabi.org/bookshop/book/9781780643755



Plants as a Source of Natural Antioxidants

Edited by **Nawal Kishore Dubey**, Banaras Hindu University, India

A comprehensive overview of both traditional and current knowledge on the health effects of plant based antioxidants, this book reviews medicinal and aromatic plants from around the

world. It covers the different sources of antioxidants including essential oils, algae and marine microorganisms, as well as the role of abiotic and biotic stresses, endophytes, transgenic approaches in scavenging ROS and antioxidant plants used in different therapeutic systems.

December 2014 | 320 pages | HB | 9781780642666
£85 | €110 | US\$160

www.cabi.org/bookshop/book/9781780642666



The Potato

Botany, Production and Uses

Edited by **Roy Navarre**, USDA-ARS and Washington State University, USA and **Mark J. Pavek**, Washington State University, USA

Potatoes are a staple crop around the world. Covering all aspects of botany, production and uses, this book presents a comprehensive

discussion of the most important topics for potato researchers and professionals. It assesses the latest research on plant growth such as tuber development, water use and seed production, covers all aspects of pest management and reviews postharvest issues such as storage, global markets, and of course, nutritional value and flavour.

December 2014 | 320 pages | HB | 9781780642802
£95 | €125 | US\$180

www.cabi.org/bookshop/book/9781780642802



Fruit Ripening

Physiology, Signalling and Genomics

Edited by **Pravendra Nath**, National Botanical Research Institute, India, **Mondher Bouzayen**, INRA, France, **Auter K. Mattoo** 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. This book provides 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.

July 2014 | 336 pages | PB | 9781845939625
£95 | €125 | US\$180

www.cabi.org/bookshop/book/9781845939625



Applied Plant Virology

Modular Texts Series



Calum Rae Wilson, University of Tasmania, Australia

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.

August 2014 | 192 pages | HB | 9781780644257
£85 | €110 | US\$160

August 2014 | 192 pages | PB | 9781845939915
£39.95 | €55 | US\$75

www.cabi.org/bookshop/book/9781780644257



Biological Control of Plant-parasitic Nematodes, 2nd Edition

Soil Ecosystem Management in Sustainable Agriculture

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

This book integrates soil health, sustainable agriculture, nematode ecology and

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

May 2014 | HB | 536 pages | 9781780644158
£125 | €165 | \$240

www.cabi.org/bookshop/book/9781780644158



Diseases of Temperate Horticultural Plants

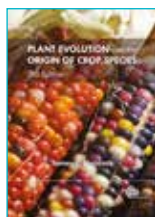
Raymond A.T. George, formerly of FAO, Rome, Italy and **Roland Fox**, formerly of University of Reading, UK

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.

November 2014 | 480 pages | HB | 9781845937737
£115 | €150 | US\$220

www.cabi.org/bookshop/book/9781845937737



Plant Evolution and the Origin of Crop Species, 3rd Edition

James F. Hancock, Michigan State University, USA

The genetic variability that developed in plants during their evolution forms the basis of their domestication and breeding into the crops grown today for food, fuel and other industrial

uses. This third edition of *Plant Evolution and the Origin of Crop Species* 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, including cereals, protein plants, starch crops, fruits and vegetables, from their origins to conservation of their genetic resources for future development.

July 2012 | 256 pages | HB | 9781845938017
£90 | €115 | US\$170

February 2014 | 256 pages | PB | 9781780644776
£39.95 | €55 | US\$75

www.cabi.org/bookshop/book/9781845938017



Brassica Oilseeds Breeding and Management

Edited by **Arvind Kumar**, Indian Council of Agricultural Research, India, **Surinder S Banga**, Punjab Agricultural University, India, **Prabhu Dyal Meena**, Directorate of Rapeseed-Mustard Research (ICAR), India, **Priya Ranjun Kumar**, Formerly of Indian

Council of Agricultural Research, India

Oilseed brassicas are among the largest traded agricultural commodities and are grown in around fifty countries worldwide. Utilised for both consumption and bioenergy use, demand is increasing and this book covers the entire gamut of oilseed brassicas. Beginning with an introduction and then organised into two sections, it reviews genetics and genomics (including breeding, heterosis and selection methods) and stress management and important pathogens, to provide a complete overview of brassica oilseeds.

September 2015 | HB | 280 pages | 9781780644837
£85 | €110 | \$160

www.cabi.org/bookshop/book/9781780644837

Nutrient Deficiencies of Field Crops: Guide to Diagnosis and Management

Prakash Kumar, Manoj Kumar Sharma

December 2013 | HB | 400 pages | 9781780642789 | £130 | €170 | \$250
www.cabi.org/bookshop/book/9781780642789

Seeds, 3rd Edition: The Ecology of Regeneration in Plant Communities

Robert S. Gallagher

December 2013 | HB | 320 pages | 9781780641836 | £90 | €115 | \$170
www.cabi.org/bookshop/book/9781780641836

Green Biosynthesis of Nanoparticles: Mechanisms and Applications

Mahendra Rai, Clemens Posten

December 2013 | HB | 248 pages | 9781780642239 | £99.95 | €130 | \$190
www.cabi.org/bookshop/book/9781780642239

Biological Control Programmes in Canada 2001-2012

Peter G. Mason, David R. Gillespie

October 2013 | HB | 544 pages | 9781780642574 | £120 | €160 | \$230
www.cabi.org/bookshop/book/9781780642574

Plant Nematology, 2nd Edition

Roland Perry, Maurice Moens

October 2013 | HB | 568 pages | 9781780641515 | £115 | €150 | \$220
October 2013 | PB | 568 pages | 9781780641539 | £59.95 | €80 | \$115
www.cabi.org/bookshop/book/9781780641515



Plant Adaptation to Environmental Change

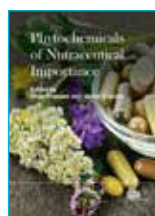
Significance of Amino Acids and their Derivatives

Edited by **Naser A Anjum**, University of Aveiro, Portugal, **S Singh Gill** and **Ritu Gill**, both 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.

January 2014 | 344 pages | PB | 9781780642734
£115 | €150 | US\$220

www.cabi.org/bookshop/book/9781780642734



Phytochemicals of Nutraceutical Importance

Edited by **Dhan Prakash** and **Girish Sharma**, both Amity University, India

Nutraceuticals are bioactive phytochemicals that protect or promote health and occur at the intersection of food and pharmaceutical industries. This book covers a wide

spectrum of human health and diseases, including the role of phytonutrients in the prevention and treatment. It also reviews biological and clinical effect, molecular level approach, quality assurance, bioavailability and metabolism of a number of phytochemicals, and their role to combat different diseases.

February 2014 | 376 pages | PB | 9781780643632
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780643632

Hemp: Industrial Production and Uses

Pierre Bouloc, Serge Allegret, Laurent Arnaud

September 2013 | HB | 328 pages | 9781845937935 | £90 | €115 | \$170
September 2013 | PB | 328 pages | 9781845937928 | £45 | €60 | \$85
www.cabi.org/bookshop/book/9781845937935

Trichoderma: Biology and Applications

Prasun K. Mukherjee, B.A. Horwitz, U.S. Singh, Mala Mukhejee, Monika Schmoll

September 2013 | HB | 344 pages | 9781780642475 | £99.95 | €130 | \$190
www.cabi.org/bookshop/book/9781780642475

Parasitic Nematodes: Molecular Biology, Biochemistry and Immunology

Malcolm W. Kennedy, William Harnett

June 2013 | HB | 448 pages | 9781845937591 | £125 | €165 | \$240
www.cabi.org/bookshop/book/9781845937591

Natural Antioxidants and Biocides from Wild Medicinal Plants

Carlos L Cespedes, D.A. Sampietro, D.S. Siegler, Mahendra Rai

April 2013 | HB | 288 pages | 9781780642338 | £99.95 | €130 | \$190
www.cabi.org/bookshop/book/9781780642338

Vegetable Seed Production, 3rd Edition

Raymond A.T. George

April 2013 | PB | 288 pages | 9781780643687 | £95 | €125 | \$180
www.cabi.org/bookshop/book/9781780643687

Phytophthora: A Global Perspective

Kurt Lamour
March 2013 | HB | 256 pages | 9781780640938 £90 | €115 | \$170
www.cabi.org/bookshop/book/9781780640938

Raspberries

Richard C. Funt, Harvey K. Hall
March 2013 | PB | 300 pages | 9781845937911 £37.50 | €50 | \$72.50
www.cabi.org/bookshop/book/9781845937911

Plant Sciences Reviews 2012

David Hemming
March 2013 | HB | 288 pages | 9781780643007 £99.95 | €130 | \$190
www.cabi.org/bookshop/book/9781780643007

The Avocado: Botany, Production and Uses, 2nd Edition

Bruce Schaffer, B. Nigel Wolstenholme, Anthony W. Whaley
January 2013 | HB | 576 pages | 9781845937010 £120 | €160 | \$230
www.cabi.org/bookshop/book/9781845937010

Plant Pest Risk Analysis: Concepts and Applications

Christina Devorshak
November 2012 | HB | 312 pages | 9781780640365 £80 | €105 | \$150
www.cabi.org/bookshop/book/9781780640365

Tropical Fruits, Volume 2

Robert E. Paull, Odilio Duarte
November 2012 | PB | 312 pages | 9781845937898 £45 | €60 | \$85
www.cabi.org/bookshop/book/9781845937898

The Pesticide Manual: A World Companion, 16th Edition

Edited by C. MacBean
November 2012 | PB | 1457 pages | 9781901396867 £275 | €360 | \$525
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Conserving Forest-based Biocapacity for Green Development

Edited by **Patrick Chesney**, UN Development Programme, Guyana

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2nd Edition

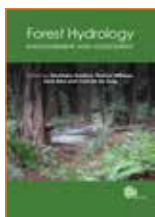
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Agroforestry has a rich history of development and has been practised in some parts of the world for more than 6,000 years. The first edition concentrated on those areas within the temperate zones where the greatest advances, adoptions and modifications had taken place to that time: North and South America, China, Australia, New Zealand, the United Kingdom and Continental Europe. The fully updated new edition introduces the reader to other regions where temperate agroforestry research and development are contributing to sustainable food production systems, with new chapters on India, Chile and Scandinavia and two previous chapters, on North America and Continental Europe, being split into separate chapters.

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Forest Hydrology Management and Assessment

Edited by **Devendra M Amatya**, USDA Forest Services, USA, **Thomas M. Williams**, Clemson University, USA, **Leon Bren**, University of Melbourne, Australia and **Carmen de Jong**, University of Savoy, France

Within forest hydrology aspects of landscape, land use management and forest response to disturbances are continually changing due to the human and natural disturbances experienced in recent years. This book addresses major advances in the field with new insights into processes on forested landscapes, including those disturbed by extreme events like hurricanes, droughts, wildfire, or massive slides.

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Global Forest Fragmentation

Edited by **Chris J. Kettle** and **Lian Pin Koh**, both ETH Zurich, Switzerland

Forest fragmentation will inevitably continue over the coming years, especially in developing economies. This book provides a cutting edge review of the multi-disciplinary sciences related to studies of global forest fragmentation.

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Visual Soil Evaluation Realizing Potential Crop Production with Minimum Environmental Impact

Edited by **Bruce C. Ball**, SRUC, UK and **Lars J. Munkholm**, Aarhus University, Denmark

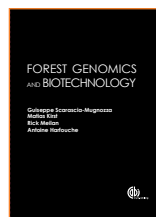
Visual Soil Evaluation (VSE) provides land users and environmental authorities with the tools to assess soil quality for crop

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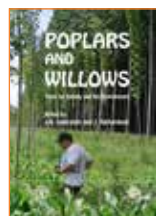
Forest Genomics and Biotechnology

Guiseppe Scarascia-Mugnozza, Italian Agriculture Research Council, Italy, **Matias Kirst**, University of Florida, USA, **Rick Meilan**, Purdue University, USA and **Antoine Harfouche**, University of Tuscia, Italy

An authoritative update of forest tree biotechnology and genomics methodologies, this book covers procedures and accomplishments from basic biological science to applications. Incorporating expert evaluation of achievements, it discusses the potential that novel biotechnological and genomic approaches have for traditional breeding improvement of forest-tree species and production of forest-based products. It also describes in detail the environmental, social, legal, and regulatory aspects of forest biotechnology, with an emphasis on biosafety.

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Poplars and Willows Trees for Society and the Environment

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.

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Sina M. Adl, University of Saskatchewan, Canada

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Land-Use Change Impacts on Soil Processes Tropical and Savannah Ecosystems

Edited by **Francis Q. Brearley** and **Andrew D. Thomas**, Manchester Metropolitan University, UK

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Sustainable Water Management in Smallholder Farming Theory and Practice

Sara Finley, GGB Associates, Canada

This book provides an overview of the key concepts required to form a fundamental understanding of sustainable water management practices for agricultural projects, with a special focus on smallholder farming in sub-tropical, semi-arid and arid (dryland) environments. It provides an introduction to the basic concepts of soil moisture retention, crop water requirement, and plant water stress, then introduces the reader to effective water management practices such as rainwater harvesting, conservation agriculture, and low-cost irrigation, while highlighting the importance of water management as a means to counter land degradation and adapt to the new realities of climate change.

July 2016 | 200 pages | HB | 9781780646862
£95 | €125 | \$160

July 2016 | 200 pages | PB | 9781780646879
£39.99 | €55 | US\$65

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Climate Change and Insect Pests CABI Climate Change Series

Edited by **Christer Björkman**, Swedish University of Agricultural Sciences, Sweden and **Pekka Niemelä**, University of Turku, Finland

Insects, being poikilothermic, are among the organisms that are most likely to respond to changes in climate, particularly increased temperatures. Range expansions into new areas, further north and to higher elevations, are already well documented, as are physiological and phenological responses.

It is anticipated that the damage by insects will increase as a consequence of climate change, i.e. increasing temperatures primarily. However, the evidence in support of this common "belief" is sparse. *Climate Change and Insect Pests* sums up present knowledge regarding both agricultural and forest insect pests and climate change in order to identify future research directions.

September 2015 | HB | 292 pages | 9781780643786
£75 | €100 | \$145

www.cabi.org/bookshop/book/9781780643786



Soil Carbon Science, Management and Policy for Multiple Benefits

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

This book brings together the essential evidence and policy opportunities regarding the global importance of soil carbon for sustaining Earth's life support system for humanity. Covering the science and policy background for this important natural resource, it describes land management options that improve soil carbon status and therefore increase the benefits that humans derive from the environment. Written by renowned global experts, it is the principal output from a SCOPE rapid assessment process project.

December 2014 | HB | 420 pages | 9781780645322
£95 | €125 | \$180

www.cabi.org/bookshop/book/9781780645322



Climate Change and Agricultural Water Management in Developing Countries CABI Climate Change Series

Edited by **Chu T. Hoanh**, IWMI-SEA, Lao, **Vladimir Smakhtin** and **Robyn Johnston**, both International Water Management Institute (IWMI), Sri Lanka

The book provides an analysis of impacts of climate change on water for agriculture, and the adaptation strategies in water management to deal with these impacts. Chapters include an assessment at global level, with details on impacts in various countries. Adaptation measures including groundwater management, water storage, small and large scale irrigation to support agriculture and aquaculture are presented. Agricultural implications of sea level rise, as a subsequent impact of climate change, are also examined.

December 2015 | HB | 240 pages | 9781780643663
£95 | €125 | \$160

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Climate Change Impacts on Urban Pests CABI Climate Change Series

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

The subject of climate change and pest distribution is complex as it is inter dependent on a number of factors. Climate change is expected to alter not only the natural environment as a result of flooding or drought but also the urban environment as a result of changes in land use and human habitation.

This book presents a review on the influence of climate changes on urban and public pests such as mosquitoes, flies, termites, rodents and others, with respect to population, distribution, disease, damages and control.

December 2016 | HB | c.192 pages | 9781780645377
£75 | €100 | \$125

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Urban Insect Pests Sustainable Management Strategies

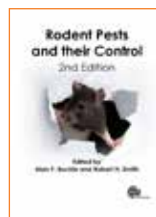
Edited by **Partho Dhang**, Independent Consultant, Philippines

A companion to *Urban Pest Management*, this book builds on the issues of insect pests in urban settings to discuss control strategies that look beyond products. From an environmental

and health perspective, it is not always practical to spray chemicals indoors or in urban settings, so this work discusses sustainable control and best practice methods for managing insects that are vectors of disease, nuisance pests and the cause of structural damage.

September 2014 | HB | 192 pages | 9781780642758
£85 | €110 | \$160

www.cabi.org/bookshop/book/9781780642758



Rodent Pests and Their Control 2nd Edition

Edited by **Alan P. Buckle**, University of Reading, UK and **Robert H. Smith**, University of Huddersfield, UK

The most numerous of the world's invasive species, rodent pests have a devastating impact on agriculture, food, health and the

environment. In the last two decades, the science and practice of rodent control has faced new legislation on rodenticides, the pests' increasing resistance to chemical control and the impact on non-target species, bringing a new dimension to this updated 2nd edition and making essential reading for all those involved in rodent pest control, including researchers, conservationists, practitioners and public health specialists.

May 2015 | HB | 432 pages | 9781845938178
£95 | €125 | \$180

www.cabi.org/bookshop/book/9781845938178



Invasive Species and Global Climate Change

CABI Invasives Series

Edited by **Lewis Ziska**, USDA, 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.

August 2014 | HB | 368 pages | 9781780641645
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www.cabi.org/bookshop/book/9781780641645



Biosecurity Surveillance Quantitative Approaches

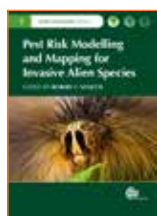
CABI Invasives Series

Edited by **Frith Jarrad**, **Sama Low Choy** and **Kerrie Mengersen**, Queensland University of Technology, Australia

This book provides practical and innovative approaches to biosecurity surveillance. It explains the foundation and concepts behind surveillance design, with examples of methods and tools created to deal with surveillance challenges. With supporting case studies, it covers detectability, single and multi-species detection and risk assessment.

March 2015 | 386 pages | HB | 9781780643595
£95 | €125 | US\$180

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Pest Risk Modelling and Mapping for Invasive Alien Species

CABI Invasives Series

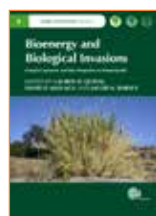
Edited by **Robert C. Venette**, USDA Forest Service, USA

New pests and pathogens place biological pressure on resident species, but strict bans may conflict with trading and travel needs.

An overview of how the conflict can be managed using pest risk mapping and modelling, this book uses worked examples to explain modelling and help development of tool kits for assessment.

March 2015 | 256 pages | HB | 9781780643946
£85 | €110 | US\$160

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Bioenergy and Biological Invasions Ecological, Agronomic and Policy Perspectives on Minimizing Risk

CABI Invasives Series

Edited by **Lauren D. Quinn**, University of Illinois, USA, **David P. Matlaga**, Susquehanna University, USA and **Jacob N. Barney**, Virginia Tech, USA

Despite major international investment in biofuels, the invasive risks associated with these crops are still unknown. A cohesive state-of-the-art review of the invasive potential of bioenergy crops, this book covers the identified risks of invasion, distributions of key crops and policy and management issues. Including a section on developing predictive models, this book also assesses the potential societal impact of bioenergy crops and how to mitigate invasive risks.

February 2015 | HB | 176 pages | 9781780643304
£75 | €100 | \$145

www.cabi.org/bookshop/book/9781780643304



Invasive Plant Species of the World A Reference Guide to Environmental Weeds, 2nd Edition

Ewald Webber, University of Potsdam,
Germany

Invasive plant species cause severe disruption to both natural and managed ecosystems, and with range expansions and increasing international trade these problems are only becoming more serious. Globally relevant, this book is a full-colour reference guide to the major invasive plants. It includes fifty extra species since the first edition, covering a total of over 500 economically and environmentally important species. This book provides a complete resource to the subject, supplying illustrations, synonyms, geographical distribution, habitats invaded, morphology, ecology and references for each species.

December 2016 | HB | c.608 pages | 9781780643861
£195 | €255 | \$370

www.cabi.org/bookshop/book/9781780643861



Bt resistance Characterization and Strategies for GM Crops Producing *Bacillus thuringiensis* Toxins

CABI Biotechnology Series

Edited by **M Soberón**, Universidad Nacional
Autónoma de México, Mexico, **Y Gao**, Chinese
Academy of Agricultural Sciences, China,

A Bravo, Universidad Nacional Autónoma de México, Mexico

This book describes the use of *Bacillus thuringiensis* (Bt) crops and the emerging problem of resistance, recent progress in understanding the mechanism of action of Bt toxins, different resistance mechanisms and strategies to cope with resistance in the field. It describes resistant insects found in the field in different countries, particularly in the developing world, and ways to counter resistance such as gene stalking, refuges, modified toxins and gene discovery of novel toxins with different mode of action.

April 2015 | 226 pages | HB | 9781780644370
£75 | €100 | US\$145

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Analytical Techniques for Natural Product Research

Satyanshu Kumar, Directorate of Medicinal
and Aromatic Plants Research, India

Plants are important source of lead molecules for drug discovery. These lead molecules serve as starting materials for laboratory synthesis of drug as well as a model for production

of biologically active compounds. Phytochemical processing of raw plant materials is essentially required to optimize the concentration of known constituents and also to maintain their activities. Extraction techniques and analytical techniques have played critical roles in phytochemical processing of raw materials. Extraction technologies from conventional extraction to green extraction as well as analytical techniques from single technique to hyphenated/coupled techniques most frequently used in phytochemistry laboratories are covered in the book.

December 2015 | HB | 204 pages | 9781780644738
£75 | €100 | \$125

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Keys to the Tropical Fruit Flies of South-East Asia (Tephritidae: Dacinae)

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

A companion volume to *Tropical Fruit Flies of South-East Asia (Tephritidae: Dacinae)*, this book provides fully-illustrated keys for the identification of all currently-known Dacinae fruit flies. Focusing on south-east Asian fauna, it covers areas including India, Bhutan, Nepal, Sri Lanka, Myanmar, China, Taiwan, Japan, the Philippines, Palau, Vietnam, Thailand, Singapore, Malaysia and Indonesia. This major new reference work is produced by experts with over 80 years' combined research experience, and through simple identification information can help prevent these major pest species being introduced to new geographical areas.

September 2016 | HB | c.496 pages | 9781780644196
£125 | €165 | \$205

www.cabi.org/bookshop/book/9781780644196



Transgenic Insects Techniques and Applications CABI Biotechnology Series

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.

October 2014 | HB | 398 pages | 9781780644516
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Plant Genetic Resources and Climate Change

Michael Jackson, Brian V. Ford-Lloyd, Martin L. Parry
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Forestry in a Global Context, 2nd Edition

Roger Sands
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The CABI Encyclopedia of Forest Trees

CABI
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Paolo Gonthier, Giovanni Nicolotti
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Peter S. Savill
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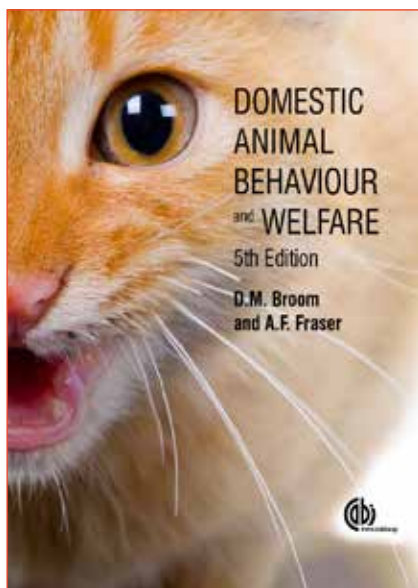
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Domestic Animal Behaviour and Welfare, 5th Edition



Donald M. Broom, University of Cambridge Veterinary School, UK and
Andrew F. Fraser, formerly Memorial University of Newfoundland, Canada

Completely updated, revised and redesigned, the fifth edition of this bestselling textbook continues to provide a thorough overview of behaviour and welfare for companion animals, farm animals and farmed fish.

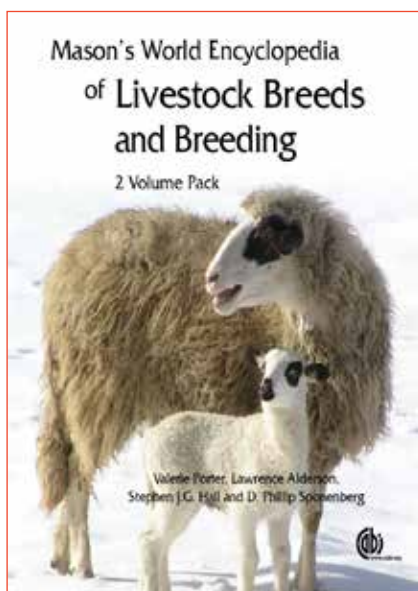
- New chapters on the welfare of sheep, goats, exotic pets and stunning and slaughter, ensure the book contains the latest information.
- Essential topics such as development, socialization, locomotion, reproduction and welfare assessment provide the key foundation knowledge.
- Solutions and advice for common abnormal behaviours are outlined.
- Redesigned in colour throughout, key facts can be found at a glance.
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Providing a student-friendly guide to animal behaviour and welfare, this book is the perfect companion to any veterinary, animal behaviour or welfare-focused graduate course.

May 2015 | 472 pages | HB | 9781780645391
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Mason's World Encyclopedia of Livestock Breeds and Breeding: 2 volume pack

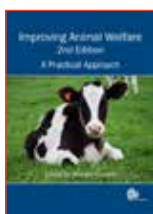
Valerie Porter, Livestock author, UK, **Lawrence Alderson**, Countrywide Livestock Ltd., UK, **Stephen Hall**, Livestock Diversity UK and **D. Phillip Sponenberg**, Virginia Tech, USA

A major new reference work, *Mason's World Encyclopedia of Livestock Breeds and Breeding* describes breeds of livestock worldwide. It presents easily accessible information on domestication (including wild ancestors and related species), potential domesticants, genetics and breeding, livestock produce and markets, cultural and social aspects of livestock farming, genetic conservation and the use of livestock for conservation grazing. Written by renowned livestock authorities, these volumes draw on the authors' lifelong interest and involvement in livestock breeds of the world, presenting a unique, comprehensive and fully cross-referenced guide to cattle, buffalo, horses, pigs, sheep, asses, goats and camelids, placing them in a practical agricultural context. The encyclopedia will be of great value to agriculturalists, breeders, geneticists, biologists, rural historians, conservationists, ecologists.

February 2016 | HB | 1104 pages | 9781845934668

£575 | €750 | \$950

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Improving Animal Welfare A Practical Approach, 2nd Edition



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

By taking an entirely practical approach, this textbook helps those working with animals to apply methods for improving welfare, bridging the gap between scientific research and practical application. This book provides a guide to practical evaluation and auditing of welfare problems for farmed animals, emphasizing the importance of measuring conditions that compromise welfare such as lameness, or the use of electric goads. This second edition is fully updated with new literature, new, up-to-date coverage of pain management, and the addition of a new chapter on animal welfare in organic farming systems.

July 2015 | HB | 376 pages | 9781780644677
£85 | €110 | \$140

July 2015 | PB | 376 pages | 9781780644684
£39.99 | €55 | \$65

www.cabi.org/bookshop/book/9781780644677



Companion Animal Behaviour Problems

Prevention and Management of Behaviour Problems in Veterinary Practice

Edited by **Rachel Casey**, University of Bristol, UK and **Sarah Heath**, Behaviour Referrals, UK

Ensuring the well-being of animals is a primary concern for every veterinary practice. Split into easily accessible sections, part one of this book outlines the origin of animal behaviour and how this has adapted to the domestic environment. Part two focuses on the role of the veterinary practice in preventing undesirable behaviour, such as practice design, socialisation classes and communication with owners. Part three gives practical advice for handling dangerous animals, discussing options such as euthanasia and working with referral veterinarians. Behavioural problems remain the number one cause of companion animal euthanasia; this book seeks to improve the situation for all involved.

October 2016 | 280 pages | HB | 9781780643458
£75 | €100 | US\$125

October 2016 | 280 pages | PB | 9781780643465
£37.50 | €50 | US\$72.50

www.cabi.org/bookshop/book/9781780643458



Sustainable Poultry Production in Europe

Poultry Science Symposium Series

Edited by **Emily Burton**, Nottingham Trent University, UK, **Helen Massey O'Neill** and **Joanne Gatcliffe**, both AB Vista Products

Examining sustainable poultry production systems across Europe, this book contains a selected cross section of papers from the 2014 UK Poultry Science Symposium. It reviews essential topics such as resources and supply chains, the global poultry market, risk management, zoonoses and green issues. Providing a compilation of the most current research in the poultry science and production industry, this book is an important resource for both researchers and professionals.

April 2016 | c.296 pages | HB | 9781780645308
£95 | €125 | US\$180

www.cabi.org/bookshop/book/9781780645308



Practical Veterinary Forensics

Edited by **David Bailey**, Veterinary Forensic Consultant, UK

Veterinarians often come into contact with the law in cases of animal cruelty, domestic animal and wildlife crimes, and human crimes with an animal element. This book provides practical training, covering: how to operate in a crime scene, work with emergency service personnel, collect evidence, prepare reports and provide evidence in court.

May 2016 | HB | c.200 pages | 9781780642949
£75 | €100 | \$125

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Equine Reproductive Physiology Breeding and Stud Management, 4th Edition



Mina Davies Morel, Aberystwyth University, UK

Fully updated and revised, the fourth edition of this popular textbook provides a complete and comprehensive account of how to successfully breed horses. Beginning with a grounding in reproductive anatomy, it reviews endocrine control and selection for breeding mares and stallions, pregnancy, parturition and lactation.

This textbook provides complete coverage of equine reproductive physiology, and will continue to be required reading for many equine science and related veterinary courses.

June 2015 | PB | 434 pages | 9781780644417
£39.95 | €55 | \$75

www.cabi.org/bookshop/book/9781780644417



The Behavioural Biology of Chickens

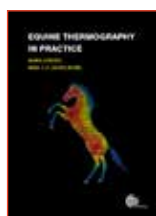
Christine J. Nicol, University of Bristol, UK

Chickens are the world's most widely farmed animal, at the centre of debates regarding housing and production systems. This accessible book covers sensory biology, behavioural development, preferences and aversions, social behaviour, learning and cognition, behavioural issues in different systems and solutions for behavioural problems.

May 2015 | HB | 200 pages | 9781780642499
£75 | €100 | \$145

May 2015 | PB | 200 pages | 9781780642505
£37.50 | €50 | \$72.50

www.cabi.org/bookshop/book/9781780642499



Equine Thermography in Practice

Maria Soroko, Equine Massage, Poland and **Mina Davies Morel**, Aberystwyth University, UK

Evidence-based and yet very practical, *Equine Thermography in Practice* discusses how to use the tool in the diagnosis of equine musculoskeletal injuries and what the user can expect to see in normal versus injured horses giving guidelines for best practice. The book builds from basics covering the principles of thermography and then its applications in equine veterinary medicine and the role of the technique regarding the equestrian athlete as well as in rehabilitation.

Extensively illustrated and thoroughly referenced, this book is indispensable to novice and experienced practitioners using the technique, including: equine veterinarians and equine physiotherapists and body work practitioners.

May 2016 | HB | 144 pages | 9781780647876
£35 | €45 | \$60

www.cabi.org/bookshop/book/9781780647876



Epidemiology for Field Veterinarians An Introduction

Evan Sergeant and **Nigel Perkins**, AusVet Animal Health Services, Australia

Intended as an introduction for veterinarians and other animal health professionals interested in and wishing to apply epidemiological methods in their day-to-day work, this book provides a practical guide for those new to the field. Its applied focus covers the principles of epidemiology in real world situations and practical implementation of disease outbreak investigation, for both emerging and endemic diseases. Techniques and methods are discussed, supported by case studies and practical examples to illustrate their application. The book is clearly written and accessible, providing readers with practical information and encouraging the development of problem-solving skills.

July 2015 | HB | 320 pages | 9781845936839
£75 | €100 | \$145

July 2015 | PB | 320 pages | 9781845936914
£37.50 | €50 | \$72.50

www.cabi.org/bookshop/book/9781845936839



Nutrition Experiments and Feed in Pigs and Poultry

A Practical Guide

Edited by **Mingan Choct**, University of New England, Australia, **Helen (Nell) Masey-O'Neill**, **Mike Bedford**, AB Vista Feed Ingredients Ltd, UK

This practical research text provides an invaluable resource for all animal and veterinary scientists designing, analysing and interpreting results from nutrition and feed experiments in pigs and poultry. Throughout the emphasis is on practical aspects of designing nutrition experiments. The book builds on the basics and proceeds to describe the limitations of experiment design involving different ingredients.

November 2016 | HB | c.176 pages | 9781780647005
£75 | €100 | \$125

www.cabi.org/bookshop/book/9781780647005



Nutritional Modelling for Pigs and Poultry

Edited by **N K Sakmoura**, **R Gous**, formerly of University of Kwazulu-Natal, South Africa, **I Kyriazakis**, Newcastle University, UK, **L Hauschild**, University Estadual Paulista, Brazil

Modelling is a useful tool for decision making in complex agro-industrial scenarios. Containing a selection of the papers presented at the International Symposium of Modelling in Pig and Poultry Production 2013, this book brings together the best and most recent academic work on modelling in the pig and poultry industry, with a particular emphasis on nutrition. It reviews basic modelling concepts, descriptions and applications of production models and new methods and approaches in modelling.

December 2014 | HB | 318 pages | 9781780644110
£95 | €125 | \$180

www.cabi.org/bookshop/book/9781780644110



Pig Disease Identification and Diagnosis Guide

Steven McOrist, Consultant pig veterinarian, formerly University of Nottingham, UK

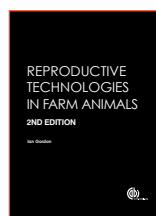
Pork is one of the world's most widely consumed meats, with the pig industry undergoing recent rapid expansion across Asia and Latin America. This textbook covers more than 100 of the most

common pig diseases. With each presented as a case study, the book uses a question and answer format to enable students to recognise the key features of each disease, identify the problem and suggest a course of action. Fully illustrated throughout with colour photos, this is an invaluable learning tool for veterinary, animal science and agricultural students, as well as a useful resource for veterinarians.

October 2014 | HB | 268 pages | 9781780642123
£85 | €110 | \$160

October 2014 | PB | 268 pages | 9781780644622
£37.50 | €50 | \$72.50

www.cabi.org/bookshop/book/9781780642123



Reproductive Technologies in Farm Animals, 2nd Edition

Ian Gordon, University College, Dublin, Ireland

Farming systems are becoming increasingly likely to depend on research programmes to ensure their production methods and techniques form a system that is both socially acceptable and sustainable. Drawing on this interplay

between farming and research, the new edition of this popular textbook provides an updated account of the key techniques employed in manipulating reproduction in farm animals. Based on a comprehensive review of the literature, it places due emphasis on techniques developed or improved over the last decade. A valuable textbook for students and academics in the animal and veterinary science fields, it covers technologies for cattle, pigs, sheep, goats, buffaloes, camelids, horses and poultry.

October 2015 | HB | c.288 pages | 9781780646022
£85 | €110 | \$160

October 2015 | PB | c.288 pages | 9781780646039
£39.95 | €55 | \$65

www.cabi.org/bookshop/book/9781780646022



The Animal Trade

Clive J.C. Phillips, University of Queensland, Australia

The trade in live and dead animals and animal parts is a significant aspect of the global economy, but economic considerations are inevitably at odds with optimal animal welfare. Providing a snapshot of the current situation,

this book discusses the background to modern international trade, welfare, and the environmental, economic and cultural issues. Covering farm, zoo and sport animals as well as the pet industry, the author draws together the competing interests and issues involved. Critically examining the overall ethics of the current situation and future of animal trade, he considers it within the context of food security, climate change, cultural sensitivities and consumer opinion.

September 2015 | HB | 208 pages | 9781780643137
£75 | €100 | \$125

www.cabi.org/bookshop/book/9781780643137



Raptor Medicine, Surgery and Rehabilitation

David Scott, Staff Veterinarian at the Carolina Raptor Center, USA

Comprehensive, intensely practical and extensively illustrated, this unique book accumulates years of practical knowledge when dealing with injured birds of prey. Written

by a practicing veterinarian the book is a concise, helpful, day-to-day guide which outlines everything from handling and the intake examination through to practical procedures and the treatment of a comprehensive range of conditions and injuries, as well as advice on housing, rehabilitation and eventual release. With hints, tips and clinical pearls, this book is the one text that any avian or general veterinarian needs at the benchside for the treatment of raptors and birds of prey.

September 2016 | c.272 pages | HB | 9781780647463
£85 | €110 | US\$140

www.cabi.org/bookshop/book/9781780647463



One Health

The Theory and Practice of Integrated Health Approaches

Edited by **Jakob Zinsstag**, Swiss Tropical and Public Health Institute, Switzerland, **Esther Schelling**, Swiss Tropical and Public Health Institute, Switzerland, **Maxine Whittaker**, University of Queensland, Herston, Australia,

Marcel Tanner, Swiss Tropical and Public Health Institute, Switzerland, **David Waltner-Toews**, Professor Emeritus, University of Guelph, Canada

This book examines the origins of One Health before discussing practical aspects such as methodological tools, data gathering, monitoring techniques, study designs, and mathematical models. With case studies throughout, it draws on the experience of over fifty authors from around the world to combine research and practice in one broad-ranging volume for veterinarians, medics and academics.

March 2015 | 480 pages | HB | 9781780643410
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780643410



Rabbit Behaviour, Health and Care

Marit Emilie Buseth, Author, lecturer and independent consultant, Norway and **Richard Saunders**, Veterinary Adviser: Rabbit Welfare Association & Fund, UK

Rabbit Behaviour, Health and Care will help you develop an understanding of the rabbit's nature, which will help you to:

- spot normal and abnormal behaviour;
- learn about the correct living conditions in which to keep domestic rabbits, in terms of their behavioural, physical and social needs;
- acquire essential knowledge about rabbit nutrition, dentistry and disease;
- discover a new and improved approach to rabbit-keeping through stories and case examples of real rabbits;
- gain a rewarding owner-pet relationship.

December 2014 | 242 pages | PB | 9781780641904
£19.95 | €25 | US\$40

www.cabi.org/bookshop/book/9781780641904



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

A Practical Identification Guide

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

December 2014 | 904 pages | HB | 9781845938055
£145 | €190 | US\$275

www.cabi.org/bookshop/book/9781845938055



Tuberculosis, Leprosy and other Mycobacterial Diseases of Man and Animals

The Many Hosts of Mycobacteria

Edited by **Harshini Mukundan**, Los Alamos National Laboratory, USA, **Mark A. Chambers**, Animal and Plant Health Agency (APHA), UK and School of Veterinary Medicine,

University of Surrey, UK, **W. Ray Waters**, USDA, USA and **Michelle H. Larsen**, Albert Einstein College of Medicine, USA

Mycobacteria have been associated with human and animal disease for millennia. Tuberculosis, in particular, continues to cause significant human morbidity and mortality worldwide. Taking an interdisciplinary approach, this book provides an essential reference for researchers and students working in diverse fields such as human and veterinary pathology, wildlife research and global health.

September 2015 | 580 pages | HB | 9781780643960
£125 | €165 | \$240

www.cabi.org/bookshop/book/9781780643960



Manual for Tilapia Business Management

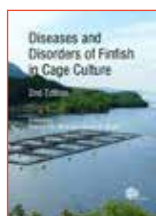
Ram C. Bhujel, Asian Institute of Technology (AIT), Thailand

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.

July 2014 | 216 pages | HB | 9781780641362
£75 | €100 | US\$145

www.cabi.org/bookshop/book/9781780641362



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

Edited by **Patrick Woo**, University of Guelph, Canada, **David Bruno**, Marine Scotland, UK, **L. Lim**, University of Malaya, Malaysia

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. It is an important resource for aquaculturalists, fish health consultants and fish pathologists.

July 2014 | 354 pages | HB | 9781780642079
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780642079



Beef Cattle Production Systems

Modular Texts Series



Andy Herring, Texas A&M University, USA

This textbook provides an integrated view of beef cattle production with a systems based approach, discussing the interrelationships of a

broad range of aspects with the overall goal of optimising cattle production. This book provides the background to allow cattle producers to match their production environments with genetic, management, and marketing opportunities for sustainable beef production globally. This logic and resulting considerations can then be tailored to address specific regional challenges and opportunities worldwide.

October 2014 | HB | 332 pages | 9781780645070
£85 | €110 | \$160

October 2014 | PB | 332 pages | 9781845937959
£39.95 | €55 | \$75

www.cabi.org/bookshop/book/9781780645070



The Genetics of Cattle, 2nd Edition

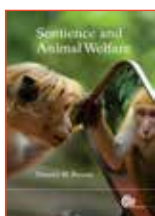
Edited by **Dorian J. Garrick**, Iowa State University, USA and **Anatoly Ruvinsky**, University of New England, Australia

Covering a vast array of questions, this book reviews major topics from molecular and developmental genetics, disease resistance and immunogenetics to genetic

improvement of dairy and beef breeds, addressing all current problems in the field. This second edition includes a new team of authors and completely new chapters on the genetics of fat production, nutrition, feed intake and efficiency, growth and body composition. Fully updated throughout, it provides a valuable resource on cattle genetics for researchers, breeders, veterinarians and postgraduate students.

November 2014 | 634 pages | HB | 9781780642215
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780642215



Sentience and Animal Welfare

Donald Broom, University of Cambridge Veterinary School, UK

The book defines aspects of sentience such as consciousness, memory and emotions, and discusses brain complexity in detail. Looking at sentience from a developmental perspective, it analyses when in an individual's growth sentience

can be said to appear and uses evidence from a range of studies investigating embryos, fetuses and young animals to form an enlightening overview of the subject. With a full chapter covering ethical decisions such as animal protection and experimentation, this book is not only an invaluable resource for researchers and students of animal welfare and biology, but also an engaging and informative read for veterinarians and the general public.

August 2014 | HB | 332 pages | 9781780644035
£75 | €100 | \$145

August 2014 | PB | 332 pages | 9781780644042
£35 | €45 | \$70

www.cabi.org/bookshop/book/9781780644035



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 includes new coverage of animal handling in South America, and reviews extensive new research on pig transportation in North America.

June 2014 | 496 pages | HB | 9781780643212
£95 | €125 | US\$180

www.cabi.org/bookshop/book/9781780643212



Animal Andrology

Theories and Applications

Edited by **Peter J. Chenoweth**, Cheno Vet, Australia, **Steven J. 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 | 496 pages | HB | 9781780643168
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780643168



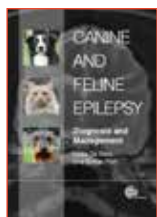
Dilemmas in Animal Welfare

Edited by **Michael C. Appleby**, World Animal Protection, UK, **Peter Sandøe**, University of Copenhagen, Denmark and **Daniel Weary**, The University of British Columbia, Canada

This book distils some of the major themes of current debate into one volume, edited by internationally known names in the field of animal welfare. Each chapter is written by one or more leading experts who discuss, in an even-handed way, a provocative topic that will be of interest to anyone concerned with animal welfare. Issues covered include tail docking, farm animal production, neutering of feral cats and the need to conserve habitats of native wild animals in the face of threats from non-native species. Chapters address the different values and priorities involved in dealing with these issues, including scientific and more explicit ethical approaches. Each chapter ends with questions for discussion that may help readers to engage with these dilemmas.

April 2014 | 220 pages | HB | 9781780642161
£75 | €100 | US\$145

www.cabi.org/bookshop/book/9781780642161



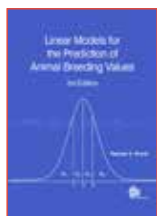
Canine and Feline Epilepsy Diagnosis and Management

Luisa De Risio, Animal Health Trust, UK and
Simon Platt, University of Georgia, USA

Epilepsy is one of the most familiar chronic neurological diseases and is a common yet challenging presentation in veterinary surgeries. This book covers seizure pathogenesis, classifications, diagnostic investigations, emergency treatments and longer term treatments, with a large section on pharmacological intervention. Filling a considerable gap in the veterinary literature, it includes tables and charts for quick reference during emergencies. Seizures can be very distressing to animals and owners, yet not all seizures are the result of epilepsy, a neurological condition. This book discusses how to distinguish between epileptic and non-neurological seizures, and provides case studies to illustrate different occurrences of epilepsy.

September 2014 | 600 pages | HB | 9781780641096
£115 | €150 | US\$220

www.cabi.org/bookshop/book/9781780641096



Linear Models for the Prediction of Animal Breeding Values, 3rd Edition

Raphael 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.

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Gerhard Flachowsky
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Muhammad Munir
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Ernest Bailey, Samantha A. Brooks
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Paul Barrow, Ulrich Methner
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Practical Canine Behaviour For Veterinary Nurses and Technicians

Stephanie Hedges, Warwickshire College, UK

In this book Stephanie Hedges draws on more than 20 years as a practicing veterinary nurse and her specialist knowledge as a Certified Clinical Animal Behaviourist (CCAB) to provide a quick reference and practically relevant canine behaviour resource to meet the specific needs of the general practice nurse or technician.

August 2014 | 216 pages | PB | 9781780644301
£37.50 | €50 | US\$72.50

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The Encyclopedia of Medical and Veterinary Entomology

Richard C. Russell, Domenico Otranto, Richard Wall
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Catherine Tiplady
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Martin Green
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Donald Yool
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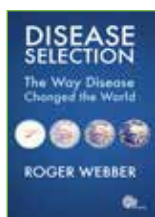
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Disease Selection

The way disease changed the world

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

Disease Selection: The Way Disease Changed The World explores the host-pathogen relationship and the way communicable

diseases have evolved often to stay one step ahead of interventions. From sexually transmitted disease through to ancient and modern great plagues, parasites, food, zoonoses, climate change and populations, this book explores the way disappeared and emergent diseases have shaped our world just as much as nature has. This book provides key information and is a valuable resource for students, practitioners and researchers working in global health and anyone interested in understanding of the basis of disease.

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One Health

The Theory and Practice of Integrated Health Approaches

Edited by **Jakob Zinsstag**, Swiss Tropical and Public Health Institute, Switzerland, **Esther Schelling**, Swiss Tropical and Public Health Institute, Switzerland, **Maxine Whittaker**, University of Queensland, Herston, Australia,

Marcel Tanner, Swiss Tropical and Public Health Institute, Switzerland, **David Waltner-Toews**, Professor Emeritus, University of Guelph, Canada

This book examines the origins of One Health before discussing practical aspects such as methodological tools, data gathering, monitoring techniques, study designs, and mathematical models. With case studies throughout, it draws on the experience of over fifty authors from around the world to combine research and practice in one broad-ranging volume for veterinarians, medics and academics.

March 2015 | 480 pages | HB | 9781780643410
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780643410



Nutrition and Behavior, 2nd Edition

A Multidisciplinary Approach

John Worobey, Rutgers University, USA, **Beverley J. Tepper**, Rutgers University, USA, **Robin B Kanarek**, Tufts University, USA

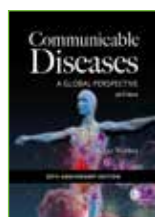
The relationship between nutrition and behaviour is bi-directional in nature, with nutritional factors able to affect activity and disposition, and

behavior impacting diet and food intake. This book reviews these links, starting with their complex neurobiological basis, it also illustrates how behaviour may determine nutritional choices or status through peer modelling and poor dietary habits. Micronutrients and eating disorders are then critically addressed, before extra-nutritional influencers on behaviour such as caffeine, herbal supplements and alcohol are discussed in the final section.

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Communicable Diseases, 5th Edition

A Global Perspective



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

Completely updated and revised and now with an integrated eBook, this bestselling text continues to provide an essential overview of the subject from epidemiology, control strategies, notifications and regulations, to an overview of the major diseases both established and new and emerging. An essential resource for all those in public health, medical science and healthcare workers needing a comprehensive yet concise practical text.

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Tuberculosis, Leprosy and other Mycobacterial Diseases of Man and Animals

The Many Hosts of Mycobacteria

Edited by **Harshini Mukundan**, Los Alamos National Laboratory, USA, **Mark A. Chambers**, Animal and Plant Health Agency (APHA), UK and School of Veterinary Medicine, University of Surrey, UK, **W. Ray Waters**, USDA, USA and **Michelle H. Larsen**, Albert Einstein College of Medicine, USA

Mycobacteria have been associated with human and animal disease for millennia. Tuberculosis, in particular, continues to cause significant human morbidity and mortality worldwide. Taking an interdisciplinary approach, this book provides an essential reference for researchers and students working in diverse fields such as human and veterinary pathology, wildlife research and global health.

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Chronic Non-communicable Diseases in Low and Middle-income Countries

Edited by **Ama de-Graft Aikins**, London School of Economics, UK and **Charles Agyemang**, Department of Public Health, The Netherlands

Low and middle income countries in Africa, Asia and Latin America bear a significant proportion of the global burden of chronic non-communicable diseases. This book synthesizes evidence across countries that share similar socio-economic, developmental and public health profiles, including rapid urbanization, globalization and poverty. Providing insights on successful and sustainable interventions and policies, it shows how to slow and reverse the rising burden of chronic diseases in resource-poor settings.

December 2015 | c.248 pages | HB | 9781780643328
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Health Emergency Preparedness and Response

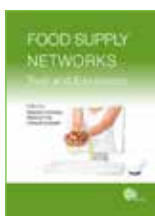
Edited by **Andy Wapling** and **Chloe Sellwood**, both NHS, UK

This book introduces students to the breadth of health emergency preparedness, resilience and response topics in the context of interdisciplinary, whole-society responses to a

range of threats. It includes public, private and third sector roles, in preparing for and responding to natural and man-made events including big bang (e.g. an explosion or major traffic collision) and rising tide (e.g. resource shortage) incidents. Aspects such as major incident planning, infectious diseases, natural disasters, terrorist threats and business and service continuity are all covered from a health emergency responder point of view.

October 2016 | c.256 pages | PB | 9781780644554
£37.50 | €50 | \$72.50

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Food Supply Networks Trust and E-business

Edited by **Maurizio Canavari**, Alma Mater Studiorum-Università di Bologna, Italy, **Melanie Fritz**, University of Bonn, Germany, **Gerhard Schiefer**, University of Bonn, Germany

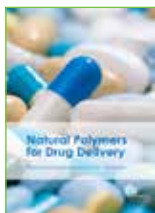
When relations are facilitated by communication technologies such as e-business, food supply

networks can improve efficiency, flexibility and effectiveness. However, a lack of trust within such transactions can prevent the integration of e-business into this large, economic sector. Using case studies from European countries, chapters discuss trust-building methods for food networks in an e-business environment. Key issues include the influence of cultural disparity and cross-border transactions upon major product groups such as meat, cereal products and fresh produce.

November 2015 | 216 pages | HB | 9781845936396
£55 | €70 | \$105

November 2015 | 216 pages | PB | 9781845936389
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Natural Polymers for Drug Delivery

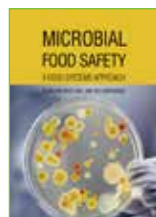
Edited by **Harsha Kharkwal**, Amity University, India and **Srinivas Janaswamy**, Purdue University, USA

This book provides an encyclopedic overview of the source, chemical structure and action mechanism of natural polymers. Focusing on their utility in developing effective drug delivery

systems, it reviews polymers from natural sources such as plants, microorganisms and proteins, as well as water soluble and water insoluble biodegradable polymers. An invaluable resource, this book covers polymers' role in binding drugs towards enhancing bioavailability, modification and derivatisation for targeted delivery, and modification as active drugs.

October 2016 | c.300 pages | HB | 9781780644479
£95 | €125 | \$180

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Microbial Food Safety A Food Systems Approach

Charlene Wolf-Hall and **William Nganje**, North Dakota State University, USA

This textbook describes microbial contaminants from plants, fungi and animal products that are a potential risk to human consumers, reviewing their origin, risk, prevention and control. From the

perspectives of both microorganisms and humans, it incorporates concepts from microbiology and the social and economic sciences to provide synergies for students to learn about complex food systems as a whole, and at each stage that can present a risk for contamination. The book uses models to explain concepts and show the interactions between how humans move food through global food systems and the impacts this has on microorganisms and risk levels of microbial food safety.

December 2016 | c.240 pages | HB | 9781780644806
£85 | €110 | \$160

December 2016 | c.240 pages | PB | 9781780644813
£39.95 | €55 | \$75

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Health Promotion in Communities Concepts, Methodology and Practices

Lai Fong Chiu

In the context of growing interest in addressing health disparities, inequalities, and inequities in diverse populations, community health promotion and health education are critically important strategies that need to be successfully employed.

This book addresses the concepts and practices of promoting health and successful interventions in and with communities, including the role of education, localism versus globalisation and how to put health promotion strategies into practice. Drawing on the author's experiences and lessons learnt from many projects, practical examples are given to illustrate that health promotion in communities is a discipline rooted in practices and action, and to illuminate how the research and practice gap can be bridged. This useful resource is essential reading for health practitioners and researchers as well as students of public health sciences.

October 2016 | 256 pages | HB | 9781845939892
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Health-promoting Properties of Herbs and Spices

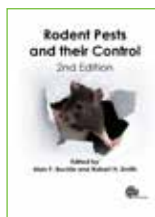
Leon Terry, Cranfield University, UK

There is a great deal of consumer interest in the health properties of food and a great deal of research into this area. Following on from *Health Promoting Properties of Fruit and Vegetables* this book will examine the

nutritional benefits of herbs and spices to humans. The book will first discuss herbs and then spices, with chapters on the main crops such as alliums, basil, mint, mustard and nutmeg. Each chapter discusses the active ingredients in the crops and its effects on human diseases including cancer, cardiovascular disease and metabolic diseases.

December 2016 | c.400 pages | HB | 9781780640327
£125 | €165 | \$240

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Rodent Pests and Their Control, 2nd Edition

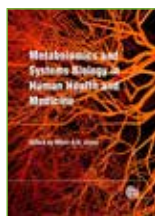
Edited by **Alan P. Buckle**, University of Reading, UK and **Robert H. Smith**, University of Huddersfield, UK

The most numerous of the world's invasive species, rodent pests have a devastating impact on agriculture, food, health and the

environment. In the last two decades, the science and practice of rodent control has faced new legislation on rodenticides, the pests' increasing resistance to chemical control and the impact on non-target species, bringing a new dimension to this updated 2nd edition and making essential reading for all those involved in rodent pest control, including researchers, conservationists, practitioners and public health specialists.

May 2015 | HB | 432 pages | 9781845938178
£95 | €125 | \$180

www.cabi.org/bookshop/book/9781845938178



Metabolomics and Systems Biology in Human Health and Medicine

Edited by **Oliver Jones**, RMIT University, Australia

The metabolomics and systems biology approach to research can be applied to many disciplines. This book provides a solid introduction to medical metabolomics and

systems biology, and demonstrates how they have been applied to studies in medicine and human health, including nutrition and pathogenic microorganisms. Following core themes of diagnosis, pathology and aetiology of disease, this book provides a reference for health care professionals interested in how to use metabolomics for medical research.

October 2014 | HB | 488 pages | 9781780642000
£85 | €110 | \$160

www.cabi.org/bookshop/book/9781780642000



Dengue and Dengue Hemorrhagic Fever, 2nd Edition

Edited by **Duane J. Gubler, Eng Eong Ooi**, Duke-NUS Graduate Medical School, Singapore, **Subhash Vasudevan**, Duke-NUS Graduate Medical School, Singapore, **Jeremy Farrar**, Wellcome Trust, UK

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.

August 2014 | HB | 624 pages | 9781845939649
£135 | €175 | \$255

www.cabi.org/bookshop/book/9781845939649



Home Parenteral Nutrition, 2nd Edition

Edited by **Federico Bozzetti**, Hospital of Prato, Italy, **Michael Staun**, Rigshospitalet, Denmark, **Andre Van Gossum**, Université Libre de Bruxelles, Belgium

Home parenteral nutrition (HPN) is the intravenous administration of nutrients carried out in the patient's home. This book analyses current practices in HPN, with a view to inform best practice, covering epidemiology of HPN in regions including the UK and Europe, USA and Australia, its role in the treatment of clinical conditions including gastrointestinal disorders and cancer, ethical and legal aspects and patient quality of life.

December 2014 | HB | 488 pages | 9781780643113
£115 | €150 | \$220

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Climate Change and Global Health

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

There is increasing understanding, globally, that climate change will have profound and mostly harmful effects on human health. This authoritative book brings together international experts to describe both direct (such as heat waves) and indirect (such as vector-borne disease incidence) impacts of climate change, set in a broad, international, economic, political and environmental context. This unique book also expands on these issues to address a third category of potential longer-term impacts on global health: famine, population dislocation, and conflict. This lively yet scholarly resource explores these issues fully, linking them to health in urban and rural settings in developed and developing countries. The book finishes with a practical discussion of action that health professionals can yet take.

September 2014 | HB | 328 pages | 9781780642659
£85 | €110 | \$160

www.cabi.org/bookshop/book/9781780642659



Improving Diets and Nutrition Food-based Approaches

co-published with The Food and Agriculture Organization of the United Nations (FAO)

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, proposes "best practices" for the design, targeting, implementation and evaluation of specific nutrition-sensitive, food-based interventions and for improved methodologies for evaluating their efficacy and cost-effectiveness, and provides practical lessons for advancing nutrition-sensitive food-based approaches for improving nutrition at policy and programme level.

April 2014 | HB | 454 pages | 9781780642994
£95 | €125 | \$180

www.cabi.org/bookshop/book/9781780642994



Natural Environments and Human Health

Alan Ewert, Indiana University, USA, **Denise Mitten**, Prescott College, USA and **Jill Overholt**, Indiana University, 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.

April 2014 | HB | 248 pages | 9781845939199
£75 | €100 | \$145

www.cabi.org/bookshop/book/9781845939199



Bacterial Pili Structure, Synthesis and Role in Disease

Advances in Molecular and Cellular Microbiology

Edited by **Michele A Barocchi** and **John Telford**, Novartis Vaccines & Diagnostics Srl, Italy

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. It is an invaluable resource for researchers and students of medical microbiology.

April 2014 | HB | 224 pages | 9781780642550
£85 | €110 | \$160

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Geographic Health Data: Fundamental Techniques for Analysis

Francis Boscoe

September 2013 | HB | 232 pages | 9781780640891

£90 | €115 | \$170

www.cabi.org/bookshop/book/9781780640891

Disaster Management: Medical Preparedness, Response and Homeland Security

Rajesh Arora, Preeti Arora

September 2013 | HB | 680 pages | 9781845939298

£120 | €160 | \$230

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Genetic Epidemiology: Methods and Applications

Melissa A. Austin

June 2013 | PB | 216 pages | 9781780641812

£39.95 | €55 | \$75

www.cabi.org/bookshop/book/9781780641812

Tuberculosis: Laboratory Diagnosis and Treatment Strategies

Timothy D. McHugh

April 2013 | HB | 288 pages | 9781845938079

£99.95 | €130 | \$190

www.cabi.org/bookshop/book/9781845938079



The Human Microbiota and Microbiome

Advances in Molecular and Cellular Microbiology

Edited by **Julien 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.

May 2014 | HB | 208 pages | 9781780640495
£85 | €110 | \$160

www.cabi.org/bookshop/book/9781780640495



Plant-derived Pharmaceuticals Principles and Applications for Developing Countries

CABI Biotechnology Series

Edited by **Katherine Hefferon**, Visiting scientist, University of Toronto, Canada

Describing recent developments in the engineering and generation of plants as production platforms for biopharmaceuticals, this book includes both vaccines and monoclonal antibodies. It has a particular emphasis on targeting diseases which predominate in less developed countries, encompassing the current state of technologies and describing expression systems and applications. This book also includes a variety of vaccine case studies, protecting against pervasive infectious diseases such as rabies, influenza and HIV.

October 2014 | HB | 180 pages | 9781780643434
£75 | €100 | \$145

www.cabi.org/bookshop/book/9781780643434

Biological and Environmental Control of Disease Vectors

Mary Cameron, Lena Lorenz

May 2013 | HB | 224 pages | 9781845939861

£90 | €115 | \$170

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Nutrition and Physical Activity in Inflammatory Diseases

Manohar L. Garg, Lisa G. Wood

December 2012 | HB | 416 pages | 9781845939106

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Pandemic Influenza, 2nd Edition

Jonathan Van-Tam, Chloe Sellwood

December 2012 | HB | 264 pages | 9781845938161

£90 | €115 | \$170

December 2012 | PB | 264 pages | 9781845937966

£39.95 | €55 | \$75

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Health Promotion, Global Principles and Practice

Rachael Dixey

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Paul Hyman, Stephen T. Abedon
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Antimicrobial Drug Discovery, Emerging Strategy

Advances in Molecular and Cellular Microbiology
George Tegos, Eleftherios Mylonakis
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Communicable Diseases, A Global Perspective, 4th Edition

Roger Webber
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Maternal and Perinatal Health in Developing Countries

Julia Hussein, Affette M. McCaw Binns
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The Biology of Mosquitoes, Volume 3, Transmission of Viruses and Interactions with Bacteria

Alan N. Clements
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Amino Acids in Human Nutrition and Health

J.P.F. D'Mello
November 2011 | HB | 584 pages | 9781845937980 £130/€175 | \$250
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Natural Antimicrobials in Food Safety and Quality

Mahendra Rai, Michael Chikindas
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Health-promoting Properties of Fruit and Vegetables

Leon Terry
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John J. Halperin
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Stephen Kidd
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Leon Brimer, Mette Tingleff Skaaniid
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Brian Thompson, Leslie Amoroso
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Prakash Shetty
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The Psychology of Food Choice

Richard Shepherd, Monique Raats
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The Glycaemic Index, A Physiological Classification of Dietary Carbohydrate

Thomas M.S. Wolever
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Peptides in Energy Balance and Obesity, Frontiers in Nutritional Science

G. Frühbeck
October 2008 | HB | 448 pages | 9781845934637 £45 | €60 | \$85
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Chemistry of Spices

V.A. Parthasarathy, B. Chempakam, T. John Zachariah
July 2008 | HB | 464 pages | 9781845934057 £110 | €140 | \$210
www.cabi.org/bookshop/book/9781845934057

School Health, Nutrition and Education for All, Levelling the Playing Field

Matthew C.H. Jukes, Lesley J. Duke, Donald A.P. Bundy
December 2007 | PB | 160 pages | 9781845933111 £29.95 | €40 | \$55
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The Encyclopedia of Vitamin E

Victor R. Preedy, Ronald Watson
April 2007 | HB | 960 pages | 9781845930752 £240 | €315 | \$470
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Protective Effects of Tea on Human Health

Narender K. Jain, Mohammad Siddiqi, John Weisburger
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Olive Oil and Health

Jose L. Quiles, Carmen Ramirez-Tortosa, Parveen Yaqoob
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www.cabi.org/bookshop/book/9781845930684

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J.C. Waterlow
May 2006 | HB | 320 pages | 9780851996134 £99.95 | €130 | \$190
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Soy Protein and Formulated Meat Products

Henk W. Hoogenkamp
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Fetal Nutrition and Adult Disease: Programming to Chronic Disease through Fetal Exposure to Undernutrition

Simon C. Langley-Evans
August 2004 | HB | 416 pages | 9780851998213 £115 | €150 | \$220
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The Trypanosomiasis

Ian Maudlin, Peter H. Holmes, Michael A. Miles
July 2004 | HB | 624 pages | 9780851994758 £140 | €185 | \$270
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Molecular Nutrition

Janos Zemleni, Hannelore Daniel
August 2003 | PB | 432 pages | 9780851996790 £45 | €60 | \$85
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Food Safety, Contaminants and Toxins

J.P.F. D'Mello
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Stable Isotopes in Human Nutrition, Laboratory Research Methods and Research Applications

Steven A. Abrams, William W. Wong
April 2003 | HB | 192 pages | 9780851996769 £80 | €105 | \$150
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Health, Nutrition and Food Demand

Wen S. Chern, Kyrre Rickertsen
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Disease-related Malnutrition: An Evidence-based Approach to Treatment

Rebecca J. Stratton, Ceri J. Green, Marinos Elia
January 2003 | HB | 848 pages | 9780851996486 £160 | €205 | \$305
www.cabi.org/bookshop/book/9780851996486

Nutrition and Immune Function, Frontiers in Nutritional Science

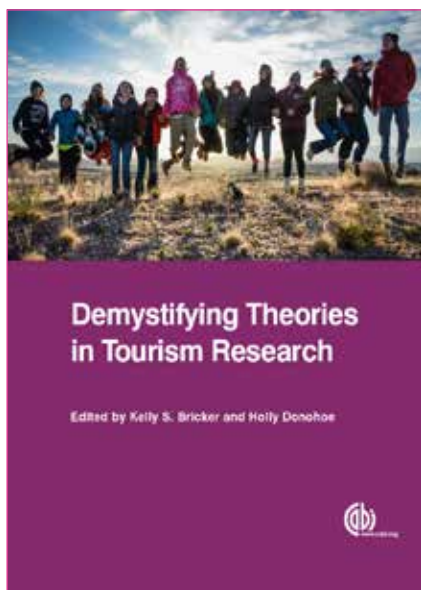
Phillip C. Calder, Catherine J. Field, Harsharnjit S. Gill
October 2002 | HB | 448 pages | 9780851995830 £99.95 | €130 | \$190
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Nitrate and Man, Toxic, Harmless or Beneficial?

Jean l'Hirondel
November 2001 | HB | 184 pages | 9780851995663 £95 | €120 | \$180
www.cabi.org/bookshop/book/9780851995663

The Encyclopedia of Arthropod-transmitted Infections

M.W. Service
October 2001 | HB | 608 pages | 9780851994734 £135 | €180 | \$260
www.cabi.org/bookshop/book/9780851994734



Demystifying Theories in Tourism Research



Edited by **Kelly Bricker**, University of Utah, USA, **Holly Donohoe**, University of Florida, USA

“At last, we have a book that focusses on the way in which we as researchers use theory... It is a must have book for anyone who is involved in tourism research and applications.” – Muzaffer Uysal, Virginia Polytechnic Institute and State University, USA

It can be difficult for a student or new researcher of tourism to understand the theories and conceptual frameworks available, and how to apply these ideas to a research endeavour. This book reviews theoretical perspectives on tourism from planning and management, through marketing and host communities, to the tourism consumers themselves. Beginning with an introductory chapter discussing the debates surrounding tourism theories and how theories are developed, the chapters are then divided into easy to navigate sections. Covering issues such as tour guiding, rural tourism development, destination image, host community identity and place perceptions, it provides a complete guide to the industry from every angle. Including pedagogical features such as vignette case studies and thought-provoking questions throughout, this book applies an accessible and engaging approach to what is often a controversial subject.

December 2015 | HB | 256 pages | 9781780647227

£95 | €125 | \$160

December 2015 | PB | 256 pages | 9781780646916

£35 | €45 | \$60

www.cabi.org/bookshop/book/9781780647227



The Encyclopedia of Sustainable Tourism

Edited by **Carl Cater**, **Brian Garrod**, **Tiffany Low**, all Aberystwyth University, UK

Tourism impacts globally upon ecology, economies, peoples, cultures and the built environment, so development must be sustainable to preserve the environment and

culture it exploits. Taking an interdisciplinary perspective, this volume presents a comprehensive synthesis of the diverse considerations, language and terms particular to sustainable tourism. Throughout the encyclopedia, terms are clearly explained by the originators of the concepts or key thinkers, augmented by contemporary perspectives from emerging scholars. A comprehensive resource for anyone wanting to gain a broad understanding of sustainable tourism, it may be used as both a handy reference for definitions as well as a valuable reader for key topics.

October 2015 | 662 pages | HB | 9781780641430

£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780641430



Operations Management in the Travel Industry, 2nd Edition



Edited by **P Robinson**, University of Wolverhampton, UK, **P Fallon**, Sheffield Hallam University, UK, **H Cameron**, University of Wolverhampton, UK, **J C Crofts**, College of Charleston, USA

Considering individual and corporate social responsibility, this book teaches effective managerial skills by reviewing legal frameworks, quality management and marketing, financial management, and the management of shareholders and stakeholders. It discusses current trends such as sustainability and governmental emission targets against a background of the needs of a commercial business to innovate and increase profits. This new edition includes new content, a revised structure and all-new international case studies.

February 2016 | HB | c.352 pages | 9781780646107

£95 | €125 | \$160

February 2016 | PB | c.352 pages | 9781780646114

£39.99 | €55 | \$65

www.cabi.org/bookshop/book/9781780646107



Risk and Safety Management in the Leisure, Events, Tourism and Sports Industries

Mark Piekarz, University of Worcester, UK, **Ian Jenkins**, University of Iceland, Iceland, **Peter Mills**, Sport and Leisure Management Consultant, QLM Ltd, UK

This book shows how the absence of explicit risk practices is not necessarily an absence of risk management, and how many existing operational and strategic practices can be understood as part of a process of risk and safety management. Its main objective is to develop greater clarity in the communication of risks and the development of safety programmes, illustrating how organisations can use a single language of risk, relevant for all levels of management and areas of operation.

September 2015 | 296 pages | PB | 9781780644493

£35 | €45 | US\$70

www.cabi.org/bookshop/book/9781780644493



Planning for Tourism Towards a Sustainable Future



CABI Tourism Texts
Edited by **Nigel D. Morpeth** and **Hongliang Yan**, both Leeds Beckett University, UK

Planning for Tourism: Towards a Sustainable Future provides an innovative and pedagogical approach to contemporary planning processes within different cultural contexts. Delivering inter-disciplinary coverage and inventive design and content, this book hopes to inspire a new generation of leisure and tourism students to consider a career in tourism and sustainable planning.

May 2015 | 316 pages | PB | 9781780644585

£37.50 | €50 | US\$72.50

www.cabi.org/bookshop/book/9781780644585



Tourism Information Technology, 2nd Edition

CABI Tourism Texts



Pierre Benckendorff, The University of Queensland, Australia, **Pauline Sheldon**, University of Hawaii, USA, **Daniel**

Fesenmaier, University of Florida, USA

This second edition covers the complexities of how IT is used in the tourism industry. Fully updated throughout and with five brand new chapters, it reviews IT applications in all sectors of the industry, including airlines, travel intermediaries, accommodation, foodservice, destinations, attractions, events and entertainment. Organised around the stages of the visitor journey, it examines how tourists use technologies to support decision making before their trip, during their travels and upon their return.

September 2014 | 394 pages | PB | 9781780641850
£39.95 | €55 | US\$75

www.cabi.org/bookshop/book/9781780641850



Imagineering: Innovation in the Experience Economy

Gabrielle Kuiper, Utrecht University of Arts, The Netherlands and **Bert Smit**, NHTV University of Applied Sciences, The Netherlands

To survive in today's complex economies, it is imperative for companies to understand their

consumers in terms of how and why they like to use their products. Distinction based on quality no longer provides competitive advantage. Imagineers use design methods to create meaningful experiences that connect consumers to brands, employees to companies and consumers to consumers. This book explains the background of the need for experiences and then focusses on how to design them. Bringing theory into practice for students of tourism marketing, event planning and business, it provides a window into the creative world of Imagineering.

August 2014 | 292 pages | PB | 9781780644653
£35 | €45 | US\$70

www.cabi.org/bookshop/book/9781780644653



Entertainment Management

Towards Best Practice

CABI Tourism Texts



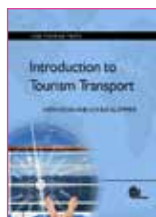
Edited by **Stuart Moss**, Leeds Metropolitan University, UK and **Ben Moss**, University of Leeds, UK

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.

June 2014 | 328 pages | HB | 9781780640228
£85 | €110 | US\$160

June 2014 | 328 pages | PB | 9781780640235
£39.95 | €55 | US\$75

www.cabi.org/bookshop/book/9781780640228



Introduction to Tourism Transport

CABI Tourism Texts



Sven Gross and **Louisa Klemmer**, both Hochschule Harz – University of Applied Sciences, Germany

Transport is an inherent part of tourism; whether as a functional means of transportation, such as between origin and destination or within the destination; or as a key element of the holiday experience itself, as in cruising or traveling along scenic or historic routes. This book provides the necessary background information to gain a comprehensive understanding of transportation markets, with each of the three modes of transportation – air, ground and marine – explored in detail. Each section includes definitions, the historical development of the market and international institutional frameworks, with case studies, learning objectives and study questions incorporated to facilitate an active learning process.

August 2014 | 250 pages | PB | 9781780642147
£37.50 | €50 | US\$72.50

www.cabi.org/bookshop/book/9781780642147



Events as a Strategic Marketing Tool

CABI Tourism Texts

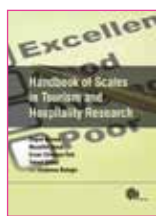


Dorothe Gerritsen and **Ronald van Olderen**, NHTV University of Applied Sciences, Breda Academy for Leisure, the Netherlands

Events as a Strategic Marketing Tool reviews the way organizations utilize events to connect with their visitors. Written in an accessible style, it also considers the areas of marketing within which experiences play a role, such as branding, relationship marketing and city marketing. Concluding with a chapter on effect measurement and evaluation, it provides an engaging resource for both students and professionals interested in leisure, tourism and events. Including a wealth of internationally relevant examples, it gives a thorough insight into the way events can help reach strategic marketing goals.

May 2014 | 256 pages | PB | 9781780642611
£39.95 | €55 | US\$75

www.cabi.org/bookshop/book/9781780642611



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**, University of Reading, UK, **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 this book serves as the state of the art reference book in the field of tourism, hospitality and allied fields such as leisure, recreation, and services management.

December 2014 | 432 pages | HB | 9781780644530
£125 | €165 | US\$240

www.cabi.org/bookshop/book/9781780644530



Heritage Tourism Destinations Preservation, Communication and Development

Edited by **Maria D. Alvarez**, Bogaziçi University, Turkey, **Atila Yüksel**, University of Adnan Menderes, Turkey and **Frank Go**, Erasmus University, the Netherlands

Heritage tourism is tied to myth making and stories; creative content that can be shared, stored, combined and manipulated, but that depends on a unique cultural or natural history. A significant section of the wider phenomenon that is cultural tourism, heritage tourism is a demand-driven industry that continues to be a subject of heated debate in academic circles.

May 2016 | c.216 pages | HB | 9781780646770
£85 | €110 | US\$140

www.cabi.org/bookshop/book/9781780646770



Mountain Tourism Experiences, Communities, Environments and Sustainable Futures

Edited by **Harold Richins** and **John Hull**, Thompson Rivers University, Canada

Mountains have long held an appeal for people around the world. This book focusses on the diversity of perspectives, interaction and role of tourism within these areas. Providing a vital update to the current literature, it considers the interdisciplinary context of communities, the creation of mountain tourism experiences and the impacts tourism has on these environments. Including authors from Europe, Asia-Pacific and North America, the development, planning and governance issues are also covered.

February 2016 | c.400 pages | HB | 978178064608
£85 | €110 | US\$140

www.cabi.org/bookshop/book/978178064608



Transformative Travel in a Mobile World

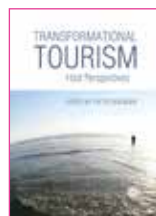
Garth Lean, Western Sydney University, Australia

This book presents the re-theorisation of travel and transformation. It explores the factors that influence the behaviours of a traveller, how these become entwined in experiences

and how travel experiences continue on a traveller's return. It uses the notion of transformation to redevelop the temporal and spatial boundaries of physical travel, develop a model for unpacking transformation and to look at new methods in the exploration of travel research.

December 2015 | 296 pages | HB | 9781780643991
£85 | €110 | US\$160

www.cabi.org/bookshop/book/9781780643991



Transformational Tourism: Host Perspectives

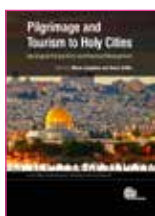
Edited by **Yvette Reisinger**, Gulf University for Science and Technology, Kuwait

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, as well as environmental threats; it identifies various types of tourism that can transform human beings, such as educational, volunteer, survival, community-based, eco, farm, extreme, religious, spiritual, wellness, and mission tourism.

August 2015 | 236 pages | HB | 9781780643922
£75 | €100 | US\$145

www.cabi.org/bookshop/book/9781780643922



Pilgrimage and Tourism to Holy Cities Ideological Perspectives and Practical Management

Edited by **Maria Leppäkari**, Åbo Akademi University, Finland and **Kevin A. Griffin**, Dublin Institute of Technology, Ireland

Sites prescribed with sanctity in Judaism, Christianity and Islam have drawn pilgrims and religious tourists to them for hundreds of years. This book is the first, however, to cover the ideological motives and religious perceptions behind this travel alongside safety and management concepts. Providing a collection of contemporary perspectives on Western sites, the book collates new perspectives on familiar themes with a fresh approach in relation to ideological motives, history, safety management, mental health, and religious perceptions. Written by subject experts, it addresses cultural sustainability for researchers and practitioners within religious tourism, religious studies, geography and anthropology.

October 2016 | c.200 pages | HB | 9781780647388
£80 | €105 | US\$135

www.cabi.org/bookshop/book/9781780647388



Destination Competitiveness, the Environment and Sustainability Challenges and Cases

CABI Series in Tourism Management Research

Edited by **Andrés Artal-Tur**, Technical University of Cartagena, Spain and **Metin Kozak**, Dokuz Eylül University, Turkey

Providing an invaluable review of the latest research on the topic, global case studies provide a perspective of the worldwide challenges and solutions arising in the management of tourism destinations. The analysis presents an interdisciplinary approach, including contributions of economists, geographers, managers and marketing professionals.

December 2015 | 240 pages | HB | 9781780646978
£85 | €110 | US\$140

www.cabi.org/bookshop/book/9781780646978



Tourism Crisis and Disaster Management in the Asia-Pacific

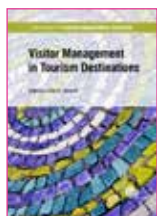
CABI Series in Tourism Management Research

Edited by **Brent W. Ritchie**, University of Queensland, Australia and **Kom Campiranon**, Dhurakul Pundit University, Thailand

The Asia-Pacific area is notable as one of the fastest growing tourism regions and not surprisingly, tourism in this region has become the major driver of global tourism in general. Nonetheless, tourism industries in Asia Pacific have been challenged in recent years by a number of major crises and disasters including terrorism, outbreaks, natural disasters, and political crisis. With chapters contributed by international scholars and practitioners, this book discusses both the theoretical and practical approaches toward successful crisis and disaster management.

November 2014 | 284 pages | HB | 9781780643250
£85 | €110 | US\$160

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Visitor Management in Tourism

CABI Series in Tourism Management Research

Edited by **Julia N. Albrecht**, University of Otago, New Zealand

Visitor management (VM) can be considered a component of destination management and involves a wide range of stakeholders. Within

this unique text, key information is presented via foundation chapters, before moving in to critical concepts and influential factors. It then provides an illustration of the current issues faced by VM, while research-based case studies further contribute to overall understanding of the core issues. A final section on guiding and interpretation rounds the book off before a concluding chapter looks at future research directions. This book is written by leading international researchers and provides an authoritative overview of the current knowledge and insights into conceptual issues of VM.

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Tourist Behaviour

International Perspectives

Edited by **Metin Kozak**, Dokuz Eylul University, Turkey and **Nazmi Kozak**, Anadolu University, Eskisehir-Turkey

Tourist Behaviour: International Perspectives provides a collection of all consumer-related topics from both theoretical and

practical approaches to building and examining the theory of how consumers think and act within the context of tourism consumption. Divided in to six sections the book presents research including the themes of influence, motivation, choice and consumption and experience. With contributions from over 15 countries, the book presents an interdisciplinary approach of the latest global research in tourist behaviour.

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Sustainable Island Tourism

Seasonality, Competitiveness, and Quality-of-life

CABI Series in Tourism Management Research

Edited by **Patrizia Modica**, University of Pisa, Italy and **Muzaffer Uysal**, Virginia Polytechnic Institute & State University, USA

This is the first book to provide coverage on the best practice of sustainable tourism in island destinations, focussing on the unique perspective of exploring the interplays of seasonality, competitiveness, and quality of life of islands as destinations. It brings together scholars from diverse areas to address the nature and types of sustainable island tourism and how the elements of the three interplays are intimately connected via impacts on natural environment, on local economy, including its effect on employment, quality of life, culture and traditions.

October 2016 | c.272 pages | HB | 9781780645421
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Religious Tourism and Pilgrimage Management, 2nd Edition

An International Perspective

Edited by **Razaq Raj**, Leeds Beckett University, UK and **Kevin A. Griffin**, Dublin Institute of Technology

Within the past 10 years 'Religious Tourism' has seen both economic and education-sector growth on a global scale. This book addresses the central role of religious tourism and interrelationships with other aspects of pilgrimage management. It provides practical applications, models and illustrations and looks at secular and sacred spaces on a global stage. The second edition sees the introduction of a new structure and the addition of new international case studies. It is an invaluable reference for academics, students and practitioners and is a timely text on the future of faith-based tourism and pilgrimage.

September 2015 | 350 pages | HB | 9781780645230
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Tourism Theory, 3rd Edition

Concepts, Models and Systems

Edited by **Gui Lohmann**, Southern Cross University, Australia and **Alexandre Panosso Netto**, University of São Paulo, Brazil

The book provides thorough coverage of tourism theory. It is organised in entries, like an encyclopaedia, but provides deeper analysis of each of the selected entries, more like a textbook and includes student exercises. It comprises of 73 entries and is organized in six main sections dealing with different aspects of knowledge and practical aspects of the tourism literature. Entries are grouped in a way so they can be consulted together or individually.

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Climate Change and Coastal Tourism

Recognizing Problems, Managing Solutions and Meeting Expectations

Edited by **Andrew Jones**, University of Malta, Malta and **Michael Phillips**, University of Wales, UK

Climate Change and Coastal Tourism includes case studies on climate change and coastal tourism that explore current threats to, and consequences of, climate change on existing tourism coastal destinations. It assesses management and policy options for the future sustainability of threatened tourism coastal destinations. The cases discussed are from all regions of the world – Europe, the Americas, Asia, Africa and Australasia – and synthesise findings to make recommendations that can be used to promote strategies that ameliorate projected impacts of climate change on coastal tourism infrastructure – and in turn promote the future sustainability of coastal tourism destinations.

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Cruise Ship Tourism, 2nd Edition

Edited by **Ross K. Dowling**, Edith Cowan University, Australia and **Clare Weeden**, University of Brighton, UK

The cruise ship industry is growing rapidly, but there is a substantial gap in the related literature. By covering the economic, social and environmental impacts of cruising, this

book combines the latest knowledge and research to provide a comprehensive account of the subject. It includes practical case studies throughout and reviews the fundamental principles of the industry, the cruise experience from a passenger perspective, marketing, planning and destination development. Written by global contributors and edited by a major name in the field, this book is a valuable 'one-stop-shop' for researchers, students and industry professionals interested in tourism and business development.

December 2016 | c.688 pages | HB | 9781780646084
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Ideological, Social and Cultural Aspects of Events

Edited by **Omar Moufakkir**, Saxion University of Applied Sciences, The Netherlands, **Tomas Pernecky**, Auckland University of Technology, New Zealand

There is an ever growing importance of events in modern society and until now existing literature

on events has been dominated by the economic perspective. *Ideological, Social and Cultural Aspects of Events* addresses the social and cultural side of events and explores the role they have in fostering change and community development. It examines the transformatory function of events in the context of development studies – as phenomena that can promote and facilitate human development, including social, societal and individual change. This book provides vital and timely exploration and encourages the study of more diverse themes within event management.

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Rural Tourism and Enterprise Management, Marketing and Sustainability

Edited by **Ade Oriade** and **Peter Robinson**, both University of Wolverhampton, UK

Marketing and management processes in organisations across industries are similar but contexts vary where political intervention, public interest and local sustainability are involved. The

rural business setting is intricate due to the assortment of business opportunities, ranging from tourism enterprises to high-tech businesses. This textbook explores the breadth of rural enterprise management and marketing in both developed and developing economies. It examines key issues affecting rural enterprise in general and specifically the rural tourism industry. Finally, it examines the concepts of ethics and sustainability by exploring social enterprise, community engagement and general harmony between economic benefits of enterprise and intergenerational equity.

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Decision Making and Cognitive Styles in Travel and Tourism

John Gountas, Murdoch University, Australia

Presenting a new approach consisting of four cognitive processing systems, this book investigates the Pragmatic (mathematical and empirical), Kinaesthetic (emotional), Imaginative (visual), and Ideational (logical) systems and

how they relate to the tourism industry. Discussing each system in detail, the author offers a psychometric instrument as well as an in-depth review of the research findings to support this new theoretical framework for decision making. Each system also includes expansive applications for the tourism industry, considering product development and positioning, communication strategies and diverse marketing angles due to consumer differences. A thought-provoking read for researchers of tourism and related industries, this unique book also offers an interesting insight to cognitive theory and travel for students, tourism providers and anyone interested in decision making or consumer behaviour.

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Food Tourism A Practical Marketing Guide

John Stanley and **Linda Stanley**, John Stanley Associates, Australia

The fastest growth in tourism is the culinary sector. Covering farmers markets, taste tours, agri-entertainment, glamping, restaurants, farm shops and more, food tourism has become

both an important part of holidaying and a purpose in itself. With growth occurring in most developed countries and tourists searching out culinary tourism throughout the world, this book provides an overall direction to the development of food tourism and a section on the future of this trend.

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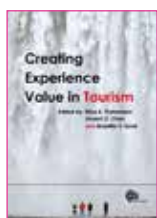
Tourism Enterprise Developments, Management and Sustainability

David Leslie, formerly of Glasgow Caledonian University, UK

The environmental quality and popularity of any tourist destination is the outcome of sustained development, shaped by the socio-economic and physical dimensions of the local environment. Protecting the 'living landscape' requires recognizing, promoting and developing the links between economic, social and environmental objectives. This book therefore examines the tourism business in terms of 'greening' the local economy, people and environment, establishing the green agenda and investigating its application to the tourism sector.

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New in Paperback Creating Experience Value in Tourism

Edited by **Nina K. Prebensen**, University of Tromsø, Norway, **Joseph S. Chen**, Indiana University at Bloomington, USA, **Muzaffer Uysal**, Virginia Tech, USA

As the field of tourism grows in maturity and scientific sophistication, it is important to fully understand the breadth and depth of vacation experience value. Current research delivers a multitude of approaches to value creation, represented here as a set of definitions, perspectives, and interpretations of how tourists, as customers, create value alone and with others. Providing an analytical and systematic clarification of the approaches, this book suggests an understanding of the differences, offering new and practical knowledge for tourism scholars and professionals to highlight the relevance of the concept to firms and organizations.

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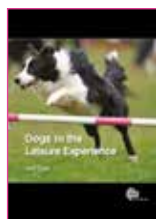
Edited by **Peter Robinson**, University of Wolverhampton, UK, **Sine Heitmann**, University of Wolverhampton, UK, **Peter Dieke**, formerly George Mason University, USA

Tourism studies at Masters level are often divided into subsets of tourism such as environmental tourism, rural tourism and sports tourism. This textbook provides an overview of types of tourism, and common themes studied in courses to allow undergraduate students to become familiar with a wide range of tourism topics at a foundation level, allowing them to make an informed decision about their future studies and career. It will also be a useful text for providing a broad brush introduction to the major topics that are covered in undergraduate courses. Popular subjects like urban tourism, festivals and events and heritage and cultural tourism are covered.

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Dogs in the Leisure Experience

Neil Carr, University of Otago, New Zealand

This book explores the social and cultural constructions and debates of what are dogs and what is leisure. It looks at how working dogs play a significant role in leisure experiences such as ensuring the safety of air transport, and considers the differing roles and

changing acceptance of dogs' involvement in sport. Within the setting of the animal welfare and sentience debates, it examines the leisure needs of dogs and their owners. Providing an original contribution to our understanding of dogs as both participants and objects in the leisure experience, this book is a useful resource for researchers in leisure, hospitality and tourism.

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New in Paperback Responsible Tourism Concepts, Theory and Practice

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Tourism is one of the world's biggest industries. Responsible tourism is concerned with the effects of tourism on people, ecology, and communities, and seeks to ameliorate these impacts by providing tourism which benefits host communities, improves working conditions, involves the local community, promotes cultural heritage, and benefits the environment. 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.

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New in Paperback Planning for Tourism, Leisure and Sustainability International Case Studies

Anthony Travis, Emeritus Professor at the University of Birmingham and International Tourism Consultant, UK

Providing a wide range of case studies in sustainable tourism planning, this authoritative work presents cases at both international and national levels as well as on a regional, sub-regional, urban, local and site scale. Drawing on the author's world-wide experience and with contributions from professionals in the field, this book takes a comparative approach relating to different economic, political and temporal dimensions, examining established initiatives both in the context of the standards of the time and from a modern perspective looking back.

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Special interest tourism is growing rapidly, due to a discerning and heterogeneous travel market and the demand for more focused activity or interest-based tourism experiences. This book

approaches the topic from the perspective of both supply and demand, and has a clear, user-friendly structure. Covering the practical applications of research and the key emerging issues for royal, dark, festival, sport, gastronomic, slow and pro-poor tourism among others, it includes contributions and case studies by international academics and practitioners. Sometimes referred to as niche or contemporary tourism, this book provides a complete introduction to the study of special interest tourism for students.

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