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Spring 2025



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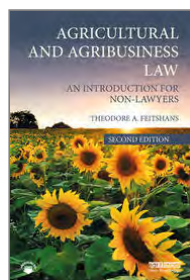
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2ND EDITION

## Agricultural and Agribusiness Law

An Introduction for Non-Lawyers



**Theodore A. Feitshans** North Carolina State University,  
USA

This introductory textbook provides an overview of the concepts necessary for an understanding of agricultural and agribusiness law. The text will help students of land-based industries with little or no legal background to appreciate and identify issues that may require referral or consultation with legal counsel. This new edition is full revised and updated, particularly addressing developments in taxation and trade, and includes a new chapter on criminal law, an area of increasing relevance to agriculture.

Routledge

March 2019 : 346pp

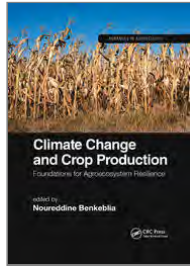
Pb: 978-1-138-60610-4 : **£49.99**Hb: 978-1-138-60603-6 : **£135**

eBook: 978-0-429-46783-7

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## Climate Change and Crop Production

Foundations for Agroecosystem Resilience



*Edited by* **Noureddine Benkeblia** Department of Life Sciences, University of West Indies, Kingston, Jamaica

Presenting an overview of agroecology within the framework of climate change, this book looks at the impact of our changing climate on crop production and agroecosystems, reporting on how plants will cope with these changes, and how we can mitigate these negative impacts to ensure food production for the growing population. It explores the ways that farmers can confront the challenges of climate change, with contributed chapters from around the world demonstrating the different challenges associated with differing climates.

CRC Press

February 2020 : 206pp

Pb: 978-0-367-89592-1 : **£66.99**

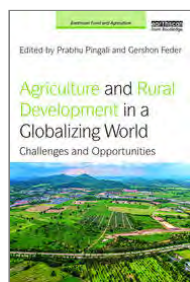
Hb: 978-1-138-03234-7 : **£160**

eBook: 978-1-315-39186-1

\* For full contents and more information, visit: [www.routledge.com/9780367895921](http://www.routledge.com/9780367895921)

## Agriculture and Rural Development in a Globalizing World

Challenges and Opportunities



Edited by **Prabhu Pingali** Cornell University, USA, **Gershon Feder**

Series: *Earthscan Food and Agriculture*

Rapid structural transformation and urbanization are transforming agriculture and food production in rural areas across the world. This textbook provides a comprehensive review and assessment of the multi-faceted nature of agriculture and rural development, particularly in the developing world where the greatest challenges occur. It provides a "state of the art" review of the literature on each of the facets of the transformation process and a policy agenda for tackling key issues.

Routledge

May 2017 : 404pp

Pb: 978-1-138-23182-5 : **£54.99**

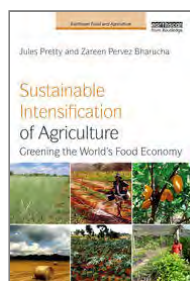
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## Sustainable Intensification of Agriculture

Greening the World's Food Economy



Jules Pretty University of Essex, Colchester, UK, **Zareen Pervaz Bharucha** Anglia Ruskin University, UK

Series: *Earthscan Food and Agriculture*

Sustainable intensification (SI) has emerged in recent years as a powerful new conceptualisation of sustainable agriculture and has been widely adopted in policy circles and debates. It is defined as a process or system where yields are increased without adverse environmental impact and without the cultivation of more land. Cowritten by Jules Pretty, one of the pioneers of the concept and internationally known and respected authority on sustainable agriculture, this book sets out current thinking and debates around sustainable agriculture and intensification.

Routledge

June 2018 : 196pp

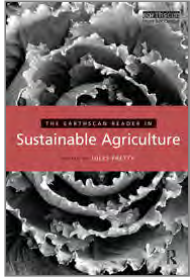
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eBook: 978-1-138-63804-4

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## The Earthscan Reader in Sustainable Agriculture



*Edited by* **Jules Pretty**

*Series: Earthscan Reader Series*

First Published in 2005. Routledge is an imprint of Taylor & Francis, an informa company.

Routledge

August 2005 : 430pp

Pb: 978-1-844-07236-1 : **£27.99**

Hb: 978-1-844-07235-4 : **£115**

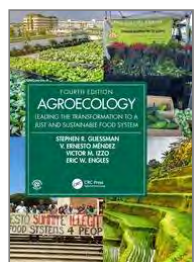
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4TH EDITION

## Agroecology

Leading the Transformation to a Just and Sustainable Food System



**Stephen R. Gliessman** Professor Emeritus, University of California, Santa Cruz, USA, **V. Ernesto Méndez** Vermont Univ., **Victor M. Izzo** Vermont Univ., **Eric W. Engles** Editcraft

*Series: Advances in Agroecology*

Groundbreaking in its first edition and established as the definitive text in its second and third, the fourth edition of *Agroecology* captures recent developments in the field and forcefully applies the idea that agroecology is a science, a movement, and a practice. The text provides the essential foundation for understanding Agroecology in all its components: agricultural, ecological, economic, social, cultural, and political. Streamlined treatment of Agroecology's foundations in ecological science makes this edition even more compatible with typical course curricula.

CRC Press

September 2022 : 470pp

Hb: 978-1-032-18710-5 : **£84.99**

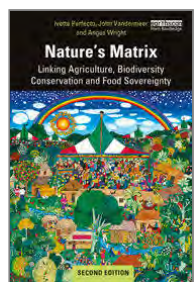
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## Nature's Matrix

Linking Agriculture, Biodiversity Conservation and Food Sovereignty



**Ivette Perfecto**, **John Vandermeer**, **Angus Wright**

When first published in 2009, *Nature's Matrix* set out a radical new approach to the conservation of biodiversity. This new edition pushes the frontier of the biodiversity/agriculture debate further, making an even stronger case for the need to transform agriculture and support small and medium-scale agroecology and food sovereignty. By integrating the ecological aspects of agriculture and conservation biology, with a political and social analysis as well as historical perspective, the book continues to set a progressive agenda and appeals to a wide range of students and professionals.

Routledge

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## Food Loss and Waste Policy

From Theory to Practice



Edited by **Simone Busetti**, **Noemi Pace**

Series: *Routledge Studies in Food, Society and the Environment*

This book examines policy responses to food waste and loss, an issue of significant, global concern, with one-third of food produced for human consumption lost or wasted. This book will be of great interest to students and scholars working on food waste, food policy, sustainable food systems, agricultural production and supply chains and public policy, as well as policymakers involved with developing and implementing programmes and policies to regulate and reduce food waste and loss.

Routledge

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## The Sociology of Farming

Concepts and Methods



**Jan Douwe van der Ploeg**

*Series: Earthscan Food and Agriculture*

This book provides a detailed and comprehensive introduction to the concepts and methods of the sociology of farming. This textbook is essential reading for students and scholars of food and agriculture, agrarian studies, rural development, food and farming systems, peasant studies and environmental sociology

Routledge

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Pb: 978-1-032-32187-5 : **£35.99**

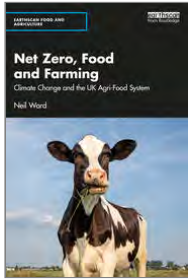
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eBook: 978-1-003-31327-4

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## Net Zero, Food and Farming

Climate Change and the UK Agri-Food System



**Neil Ward**

*Series: Earthscan Food and Agriculture*

This book examines how the transition to net zero food and farming in the UK can be managed to avoid catastrophic climate change in the crucial decades ahead. Taking a historical approach, the book examines the evolution of agriculture and the food system in the UK over the last century and discusses the implications of tackling climate change for food, farming and land use, setting the UK situation in an international context. Written in a clear and accessible style, this book will be of essential reading to students and scholars of food, agriculture and the environment, as well as policymakers and professionals involved climate change policy and the agriculture and food industry.

Routledge

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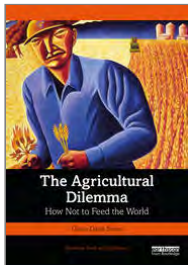
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eBook: 978-1-003-27853-5

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## The Agricultural Dilemma

How Not to Feed the World



**Glenn Davis Stone**

*Series: Earthscan Food and Agriculture*

The Agricultural Dilemma questions everything we think we know about the current state of agriculture and how to, or perhaps more importantly how not to, feed a world with a growing population. This book is about the three fundamental forms of agriculture: Malthusian (expansion), industrialization (external-input-dependent) and intensification (labour-based).

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## The Good Farmer

Culture and Identity in Food and Agriculture



**Rob J.F. Burton** Centre for Rural Research (Bygdeforskning), Norway, **Jérémie Forney** University of Neuchâtel, Switzerland, **Paul Stock** University of Kansas, USA, **Lee-Ann Sutherland** James Hutton Institute, UK

*Series: Earthscan Food and Agriculture*

Developed by the leading authors in the field, this book provides a cohesive and definitive theorisation of the concept of the 'good farmer', addressing the blind spots that have sprung up in agri-food literature as well as providing a springboard for future research. This book will be of interest to students and scholars of food and agriculture and rural development, as well as professionals and policymakers involved in the food and agricultural industry.

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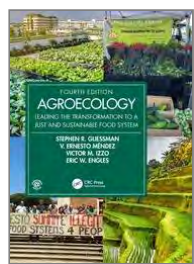
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4TH EDITION

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**Stephen R. Gliessman** Professor Emeritus, University of California, Santa Cruz, USA, **V. Ernesto Méndez** Vermont Univ., **Victor M. Izzo** Vermont Univ., **Eric W. Engles** Editcraft

*Series: Advances in Agroecology*

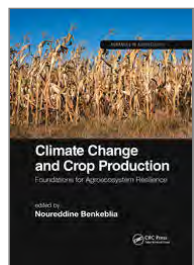
Groundbreaking in its first edition and established as the definitive text in its second and third, the fourth edition of *Agroecology* captures recent developments in the field and forcefully applies the idea that agroecology is a science, a movement, and a practice. The text provides the essential foundation for understanding Agroecology in all its components: agricultural, ecological, economic, social, cultural, and political. Streamlined treatment of Agroecology's foundations in ecological science makes this edition even more compatible with typical course curricula.

CRC Press  
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## Climate Change and Crop Production

Foundations for Agroecosystem Resilience



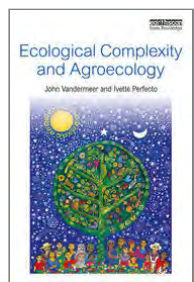
*Edited by* **Noureddine Benkeblia** Department of Life Sciences, University of West Indies, Kingston, Jamaica

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CRC Press  
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Pb: 978-0-367-89592-1 : £66.99  
Hb: 978-1-138-03234-7 : £160  
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## Ecological Complexity and Agroecology



**John Vandermeer** University of Michigan, USA, **Ivette Perfecto** University of Michigan, USA

This textbook reflects the immense growth in interest in agroecology and changing approaches to it. The new science of complexity has become extremely important in the modern science of ecology, but tends to be too mathematical and technical and thus off-putting for the average student. Therefore this book seeks to present ideas about ecological complexity with a minimum of formal mathematics, illustrated by examples from agroecology and agricultural systems from around the world.

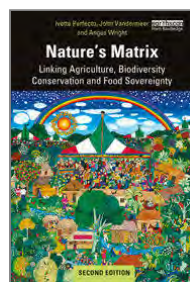
Routledge  
November 2017 : 272pp  
Pb: 978-1-138-23197-9 : £54.99  
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2ND EDITION

## Nature's Matrix

Linking Agriculture, Biodiversity Conservation and Food Sovereignty



**Ivette Perfecto**, **John Vandermeer**, **Angus Wright**

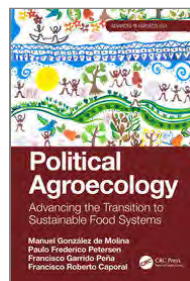
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June 2019 : 316pp  
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eBook: 978-0-429-02855-7

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## Political Agroecology

Advancing the Transition to Sustainable Food Systems



**Manuel González de Molina** Universidad Pablo de Olavide, Seville, Spain, **Paulo Frederico Petersen** AS-PTA - Agricultura Familiar e Agroecologia, Rio de Janeiro, Brazil, **Francisco Garrido Peña** Universidad de Jaén, Jaén, Spain, **Francisco Roberto Caporal** Universidade Federal Rural de Pernambuco, Recife, Pernambuco, Brazil

*Series: Advances in Agroecology*

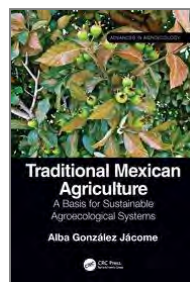
Political Agroecology is the first book to offer a systematic and articulated reflection on Political Agroecology from the Agroecological perspective. It defines the disciplinary field responsible for designing and producing actions, institutions and regulations aimed at achieving agrarian sustainability. In short, it aims to build a political theory that makes the scaling-up of agroecological experiences possible, turning them into the foundation of a new and alternative food regime.

CRC Press  
September 2019 : 218pp  
Pb: 978-1-138-36922-1 : £45.99  
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## Traditional Mexican Agriculture

A Basis for Sustainable Agroecological Systems



**Alba González Jácome**

*Series: Advances in Agroecology*

Traditional Mexican Agriculture is the result of a holistic study of Mexican agriculture. It offers the reader a perspective of traditional agriculture in Mexico from social, cultural and ecological Anthropology, Ethnology, regional and environmental History, and Agroecology, to help obtain sustainable agroecology where human societies obtain better ways of life and a healthy and nutritious food system. The book further aims to recover ideas, management, and components of local knowledge of small-scale farmers.

CRC Press  
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Hb: 978-0-367-46219-2 : £135  
eBook: 978-1-003-19883-3

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## Monitoring Biodiversity

Combining Environmental and Social Data



*Edited by* **Anna Allard , E. Carina H. Kesitalo , Alan Brown**

This book is an exciting reappraisal of the role and practice of biodiversity monitoring, showing how new technologies and software applications are rapidly maturing and can both complement and maintain continuity with the best practice in traditional field skills. With a focus on Europe, but with international relevance, *Monitoring Biodiversity* will be an essential resource for students at all levels of environmental monitoring, assessment and management.

Routledge

March 2023 : 416pp

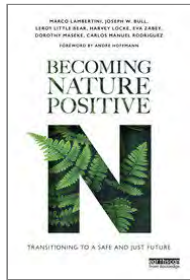
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Hb: 978-1-032-01593-4 : **£125**

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## Becoming Nature Positive

Transitioning to a Safe and Just Future



**Marco Lambertini, Joseph W. Bull, Leroy Little Bear, Harvey Locke, Eva Zabey, Dorothy Maseke, Carlos Manuel Rodríguez**

*Series: Routledge Studies in Conservation and the Environment*

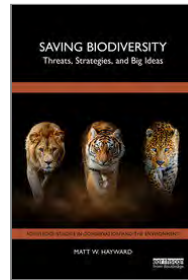
As humanity sits at an existential crossroads, this book introduces the need to build a nature-positive future to secure the functioning and stability of Earth systems essential to the survival and wellbeing of present and future human generations as well as the rest of Earth's amazing diversity of life. In this book we define what becoming Nature Positive means from a variety of perspectives, what it takes to deliver it, and why it is possible and, most importantly, necessary. This book is essential reading for those concerned with conserving nature and sustaining our planet in the face of climate breakdown, biodiversity loss and ecological collapse.

Routledge  
May 2025 : 320pp  
Pb: 978-1-032-75453-6 : **£31.99**  
Hb: 978-1-032-75454-3 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032754536](http://www.routledge.com/9781032754536)

## Saving Biodiversity

Threats, Strategies, and Big Ideas



**Matt W. Hayward**

*Series: Routledge Studies in Conservation and the Environment*

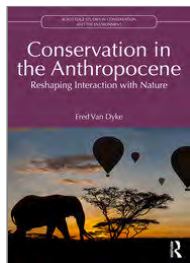
Drawing on the author's personal experiences working across the globe, this book explains why we need to conserve biodiversity, the threats it faces, how we can successfully conserve biodiversity and some success stories of how we have. It follows the authors' life and career in conservation, from scarring koala feed trees to being chased by elephants, sniffed by lions, gored by quokkas and watched by wolves. It mixes facts with stories to engage a broad audience spanning the general public to academics, and enthuse them into promoting the conservation of the plants and animals humanity relies on. It is a must read for all concerned with conserving nature and sustaining our planet.

Routledge  
March 2025 : 338pp  
Pb: 978-1-032-96026-5 : **£35.99**  
Hb: 978-1-032-96028-9 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032960265](http://www.routledge.com/9781032960265)

## Conservation in the Anthropocene

Reshaping Interaction with Nature



**Fred Van Dyke**

*Series: Routledge Studies in Conservation and the Environment*

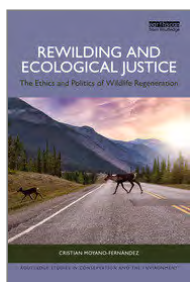
This book provides a critical assessment of conservation in the Anthropocene grounded in the personal, historical, and cultural development of human interaction with nature. This book argues that conservation can no longer be primarily about preserving nature but must adapt its efforts to promote changes through which humans create a landscape that is neither abandoned nor degraded but used well by humans and non-humans alike. Drawing on global examples, this book will be of great value to students and scholars of biodiversity conservation and environmental science ready to consider a new way of looking at the care and nurture of nature in the Anthropocene.

Routledge  
March 2025 : 288pp  
Pb: 978-1-032-51107-8 : **£39.99**  
Hb: 978-1-032-51915-9 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032511078](http://www.routledge.com/9781032511078)

## Rewilding and Ecological Justice

The Ethics and Politics of Wildlife Regeneration



**Cristian Moyano-Fernández**

*Series: Routledge Studies in Conservation and the Environment*

This book presents rewilding as a matter of ecological justice. The author delves into the capabilities approach extended to nonhumans, distributive theories of ecological justice, welfare biology strategies applied to wildlife, environmental virtues, philosophies of recognition and identity, and decolonial studies. By discussing these narratives, this book is able to outline a roadmap indicating the key factors which should be considered in a justice approach to wildlife regeneration. This book will be of great interest to students and scholars of rewilding, ecological ethics and justice, environmental philosophy, biodiversity conservation and ecological restoration.

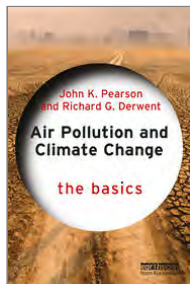
Routledge  
April 2025 : 216pp  
Pb: 978-1-032-83081-0 : **£39.99**  
Hb: 978-1-032-83082-7 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032830810](http://www.routledge.com/9781032830810)



## Air Pollution and Climate Change

The Basics



**John K. Pearson , Richard Derwent**

*Series: The Basics*

This book identifies four key forms of air pollution: indoor, urban, regional and global. It discusses how these four types of pollution are manifest in today's society and examines the scientific and policy challenges that stand in the way of progress. Written in a style that balances scientific underpinnings with accessible language, Pearson and Derwent examine the sources and historical context of air pollutants, before dedicating a chapter to each of the key forms.

Routledge

June 2022 : 184pp

Pb: 978-1-032-27518-5 : **£18.99**

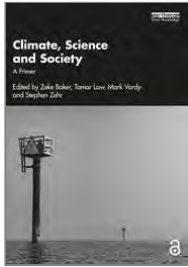
Hb: 978-1-032-27517-8 : **£94.99**

eBook: 978-1-003-29313-2

\* For full contents and more information, visit: [www.routledge.com/9781032275185](http://www.routledge.com/9781032275185)

# Climate, Science and Society

A Primer



*Edited by* **Zeke Baker, Tamar Law, Mark Vardy, Stephen Zehr**

Climate, Science and Society: A Primer makes cutting edge research on climate change accessible to student readers.

Routledge

December 2023 : 342pp

Pb: 978-1-032-53017-8 : **£38.99**

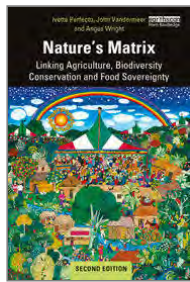
Hb: 978-1-032-53016-1 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032530178](http://www.routledge.com/9781032530178)

2ND EDITION

## Nature's Matrix

Linking Agriculture, Biodiversity Conservation and Food Sovereignty



**Ivette Perfecto , John Vandermeer , Angus Wright**

When first published in 2009, Nature's Matrix set out a radical new approach to the conservation of biodiversity. This new edition pushes the frontier of the biodiversity/agriculture debate further, making an even stronger case for the need to transform agriculture and support small and medium-scale agroecology and food sovereignty. By integrating the ecological aspects of agriculture and conservation biology, with a political and social analysis as well as historical perspective, the book continues to set a progressive agenda and appeals to a wide range of students and professionals.

Routledge

June 2019 : 316pp

Pb: 978-0-367-13781-6 : **£39.99**

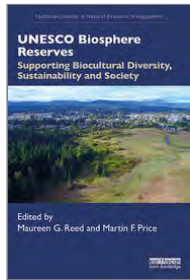
Hb: 978-0-367-13777-9 : **£135**

eBook: 978-0-429-02855-7

\* For full contents and more information, visit: [www.routledge.com/9780367137816](http://www.routledge.com/9780367137816)

## UNESCO Biosphere Reserves

Supporting Biocultural Diversity, Sustainability and Society



Edited by **Maureen G. Reed**, **Martin F. Price**

Series: *Earthscan Studies in Natural Resource Management*

UNESCO Biosphere Reserves are geographical regions of global socio-ecological significance. They are designated within UNESCO's Man and Biosphere Programme, and form an international, intergovernmental network that supports the aims of sustainability science. This book shows their global relevance and outlines lessons learned about biocultural diversity, sustainability, and society. This book will be of great interest to professionals engaged in conservation and sustainable development, NGOs, policy-makers and advanced students in environmental management, ecology, sustainability science, environmental anthropology and geography.

Routledge

September 2019 : 362pp

Pb: 978-1-138-36932-0 : **£47.99**

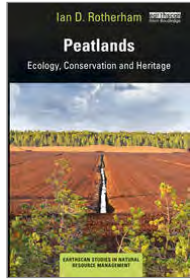
Hb: 978-1-138-36931-3 : **£135**

eBook: 978-0-429-42874-6

\* For full contents and more information, visit: [www.routledge.com/9781138369320](http://www.routledge.com/9781138369320)

## Peatlands

Ecology, Conservation and Heritage



**Ian D. Rotherham**

*Series: Earthscan Studies in Natural Resource Management*

Peat is formed when vegetation partially decays in a waterlogged environment, and occurs extensively throughout both temperate and tropical regions. Interest in peatlands is currently high due to the degradation of global peatlands which is disrupting hydrology and contributing to biodiversity loss and greenhouse gas emissions. This book provides an introduction to peatlands for the non-specialist student reader of ecology, geography, environmental studies and history.

Routledge

May 2020: 230pp

Pb: 978-1-138-34321-4 : **£37.99**

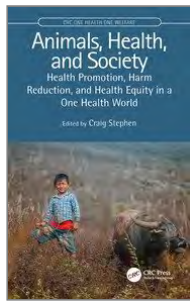
Hb: 978-1-138-34320-7 : **£135**

eBook: 978-0-429-43928-5

\* For full contents and more information, visit: [www.routledge.com/9781138343214](http://www.routledge.com/9781138343214)

## Animals, Health, and Society

Health Promotion, Harm Reduction, and Health Equity in a One Health World



Edited by **Craig Stephen**

Series: *CRC One Health One Welfare*

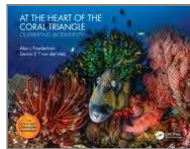
This timely book promotes the positive contributions made to health across species, showing the reader situations wherein we can all, regardless of our job description, work across species, sectors and generations to motivate action. Case studies demonstrate that the principles and practices presented are feasible, empowering people to make choices that concurrently benefit the health of animals, societies and ecosystems. This is necessary reading for students and practitioners in planetary health, conservation, eco-health, health promotion, veterinary medicine and animal welfare.

CRC Press  
December 2020 : 352pp  
Pb: 978-0-367-33622-6 : **£84.99**  
Hb: 978-0-367-64260-0 : **£215**  
eBook: 978-0-429-32087-3

\* For full contents and more information, visit: [www.routledge.com/9780367336226](http://www.routledge.com/9780367336226)

## At the Heart of the Coral Triangle

Celebrating Biodiversity



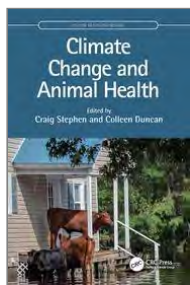
**Alan J Powderham** Consulting Engineer, UK, **Sancia van der Meij**

The Coral Triangle, lying at the confluence of the Indian and Pacific Oceans, harbours the greatest biodiversity of marine life on the planet. While it is hardly immune to the growing global impacts of climate change and pollution, it is home to a wondrous variety of species living within diverse habitats. With stunning photography supported by an engaging, informative and accessible text, this book celebrates this biodiversity with the underlying message that it needs our protection before it is too late.

CRC Press  
December 2020 : 252pp  
Hb: 978-0-367-42816-7 : **£84.99**  
eBook: 978-0-367-85531-4

\* For full contents and more information, visit: [www.routledge.com/9780367428167](http://www.routledge.com/9780367428167)

## Climate Change and Animal Health



Edited by **Craig Stephen** McEachran Institute, Canada, **Colleen Duncan** Colorado State Univ.

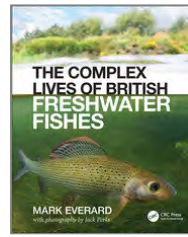
Series: *CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press  
November 2022 : 334pp  
Pb: 978-0-367-71201-3 : **£46.99**  
Hb: 978-0-367-71202-0 : **£130**  
eBook: 978-1-003-14977-4

\* For full contents and more information, visit: [www.routledge.com/9780367712013](http://www.routledge.com/9780367712013)

## The Complex Lives of British Freshwater Fishes



**Mark Everard** University of the West of England, UK

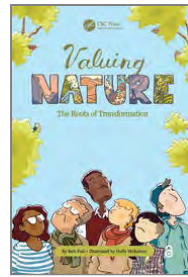
This stunningly illustrated book explores the fascinating life histories of Britain's freshwater fishes, a group of animals which, despite their importance and ubiquity in our diverse waters, has before now been rarely regarded and respected as 'wildlife'. It shows how freshwater fish provide food, ornamentation, sport and cultural identity, and highlights their huge importance for conservation. Featuring over 100 full-colour photographs by renowned photographer Jack Perks, this will appeal to conservationists, marine biology students, the conservation-minded public, the angling community, and our nation of wildlife enthusiasts.

CRC Press  
May 2020 : 369pp  
Hb: 978-0-367-44032-9 : **£32.99**  
eBook: 978-1-003-00760-9

\* For full contents and more information, visit: [www.routledge.com/9780367440329](http://www.routledge.com/9780367440329)

## Valuing Nature

The Roots of Transformation



**Robert Fish**, **Holly McKelvey**

This graphic novel-style textbook takes the reader on an exploration of the issues that arise from the growing interest in the valuation of nature. A 'motley' group of undergraduates are trying to complete a university assignment on 'nature in the modern world', leading to exploration of the diverse meanings assigned to nature, the different ways to characterise the relationship between people and nature, the many values systems held for the natural world and the approaches society can deploy to manage it. This highly interdisciplinary book invites consideration of a range of philosophical and applied debates and questions, ideal for use in the classroom.

CRC Press  
November 2021 : 144pp  
Pb: 978-0-367-76265-0 : **£22.99**  
Hb: 978-0-367-76266-7 : **£56.99**

\* For full contents and more information, visit: [www.routledge.com/9780367762650](http://www.routledge.com/9780367762650)

## Leaving Space for Nature

The Critical Role of Area-Based Conservation



**Nigel Dudley, Sue Stolton**

*Series: Routledge Studies in Conservation and the Environment*

This book provides the first contemporary assessment of area-based conservation and its implications for nature and society. This book is essential reading for students, academics and practitioners interested in conservation and its impact on society.

Routledge

April 2020 : 204pp

Pb: 978-0-367-40753-7 : **£37.99**

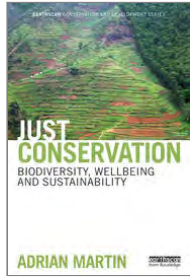
Hb: 978-0-367-40754-4 : **£135**

eBook: 978-0-367-81542-4

\* For full contents and more information, visit: [www.routledge.com/9780367407537](http://www.routledge.com/9780367407537)

## Just Conservation

Biodiversity, Wellbeing and Sustainability



**Adrian Martin** University of East Anglia, UK

*Series: Earthscan Conservation and Development*

In this book the author argues that our approach to biodiversity conservation needs to be more strongly informed by a concern for and understandings of social justice issues. The book shows that the pursuit of socially just conservation is not only intrinsically the right thing to do, but will also be instrumental to bringing about greater success. This theory is applied to a range of approaches to conservation including benefit sharing arrangements, Integrated Conservation and Development Projects and market-based approaches such as timber certification and Payments for Ecosystem Services schemes. Case studies are drawn from Rwanda, Uganda, Tanzania, Laos, Bolivia, China and India.

Routledge

May 2017 : 212pp

Pb: 978-1-138-78859-6 : **£41.99**

Hb: 978-1-138-78858-9 : **£135**

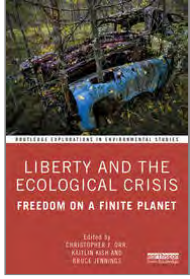
eBook: 978-1-315-76534-1

\* For full contents and more information, visit: [www.routledge.com/9781138788596](http://www.routledge.com/9781138788596)



## Liberty and the Ecological Crisis

Freedom on a Finite Planet



*Edited by* **Christopher J. Orr , Kaitlin Kish , Bruce Jennings**

*Series: Routledge Explorations in Environmental Studies*

This book examines the concept of liberty in relation to civilization's ability to live within ecological limits. Mapping out new ways forward for long term ecological well-being, this book is essential reading for students and scholars of ecology, environmental ethics, politics and sociology and for the wider audience interested in the human-earth relationship and global sustainability.

Routledge

December 2019 : 290pp

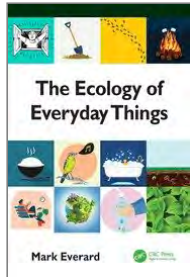
Pb: 978-0-367-34677-5 : **£43.99**

Hb: 978-0-367-33933-3 : **£135**

eBook: 978-0-429-32710-0

\* For full contents and more information, visit: [www.routledge.com/9780367346775](http://www.routledge.com/9780367346775)

## The Ecology of Everyday Things



**Mark Everard** University of the West of England, UK

For many people, ecosystems may be a remote concept, yet we eat, drink, breathe and interface with them in every moment of our lives. In this engaging textbook, ecosystems scientist Dr Mark Everard considers a diversity of 'everyday things', including fascinating facts about their ecological origins: from the tea we drink, to things we wear, read and enjoy, to the ecology of communities and space flight, and the important roles played by germs and 'unappealing creatures' such as slugs and wasps. Ideal for use in undergraduate and school level teaching, it will also interest, educate, engage and enthuse a wide range of less technical audiences.

CRC Press

December 2020 : 178pp

Pb: 978-0-367-63631-9 : £19.99

Hb: 978-0-367-63634-0 : £53.99

eBook: 978-1-003-12005-6

\* For full contents and more information, visit: [www.routledge.com/9780367636319](http://www.routledge.com/9780367636319)

## Power in Conservation

Environmental Anthropology Beyond Political Ecology



**Carol Carpenter** Yale University, USA

*Series: Routledge Studies in Conservation and the Environment*

This book examines theories related to the anthropology of conservation. It will be of great interest to students and scholars of conservation, anthropology and political ecology, as well as conservation practitioners and policymakers.

Routledge

July 2020 : 230pp

Pb: 978-0-367-34250-0 : **£37.99**

Hb: 978-0-367-34251-7 : **£135**

eBook: 978-0-429-32465-9

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## Is CITES Protecting Wildlife?

Assessing Implementation and Compliance



**Tanya Wyatt**

*Series: Routledge Studies in Conservation and the Environment*

Humans are causing a biodiversity crisis, where one million species are facing extinction. Species are dying, in no small part, because they are overexploited, poached and trafficked and CITES is the main international instrument designed to protect traded wildlife. Does the state of the world's species mean CITES is failing? This book explores the implementation of and compliance with CITES by all one hundred and eighty-three member countries examining both implementation and compliance. This timely book will be essential reading for students and academics interested in wildlife law, trade and trafficking, green criminology and biodiversity conservation more broadly.

Routledge

June 2021 : 192pp

Pb: 978-0-367-44128-9 : **£37.99**

Hb: 978-0-367-44071-8 : **£135**

eBook: 978-1-003-00783-8

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## Nature and Bureaucracy

The Wildness of Managed Landscapes



**David Jenkins**

*Series: Routledge Explorations in Environmental Studies*

This book questions how bureaucracies conceive of, and consequently interact with, nature, and suggests that our managed public landscapes are neither entirely managed nor entirely wild, and offers several warnings about bureaucracies and bureaucratic mentality. This book will be of great interest to students and scholars of natural resource management, policy and politics, and professionals working in environmental management roles as well as policymakers involved in public policy and administration.

Routledge

September 2022 : 262pp

Pb: 978-1-032-28562-7 : **£36.99**

Hb: 978-1-032-28567-2 : **£135**

eBook: 978-1-003-29744-4

\* For full contents and more information, visit: [www.routledge.com/9781032285627](http://www.routledge.com/9781032285627)

## Environmental Defenders

Deadly Struggles for Life and Territory



Edited by **Mary Menton , Philippe Le Billon**

*Series: Routledge Explorations in Environmental Studies*

Between 2002 and 2019, at least two thousand people were killed in 57 countries for defending their lands and the environment. Recent policy initiatives and media coverage have provided much needed attention to the protection and support of defenders, but there has so far been little scholarly work. This edited volume explains who these defenders are, what threats they face and what can be done to help support and protect them. This book is essential for all interested in understanding the challenges faced by environmental defenders and how to help and support them.

Routledge

July 2021 : 298pp

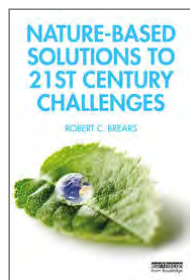
Pb: 978-0-367-64964-7 : **£32.99**

Hb: 978-0-367-64970-8 : **£135**

eBook: 978-1-003-12722-2

\* For full contents and more information, visit: [www.routledge.com/9780367649647](http://www.routledge.com/9780367649647)

## Nature-Based Solutions to 21st Century Challenges



**Robert C. Brears**

This book provides a systematic review of nature-based solutions and their potential to address current environmental challenges. This book systematically reviews nature-based solutions from a public policy angle, assessing policy developments which encourage the implementation of nature-based solutions to address societal challenges while simultaneously providing human well-being and biodiversity benefits. It will be of great interest to policymakers, practitioners and researchers involved in nature-based solutions, sustainable urban planning, environmental management and sustainable development generally.

Routledge

April 2020 : 352pp

Pb: 978-0-367-26689-9 : **£37.99**

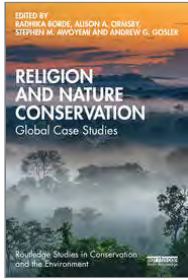
Hb: 978-0-367-26617-2 : **£135**

eBook: 978-0-429-29460-0

\* For full contents and more information, visit: [www.routledge.com/9780367266899](http://www.routledge.com/9780367266899)

## Religion and Nature Conservation

Global Case Studies



*Edited by* **Radhika Borde, Alison A Ormsby, Stephen M Awoyemi, Andrew G Gosler**

*Series: Routledge Studies in Conservation and the Environment*

This book presents a broad array of global case studies exploring the interaction between religion and the conservation of nature, from the viewpoints of the religious practitioners themselves. This book will be of great interest to students and scholars of nature conservation, environment and religion, cultural geography and ethnobiology, as well as practitioners and professionals working in conservation.

Routledge

October 2022 : 350pp

Pb: 978-1-032-15899-0 : **£35.99**

Hb: 978-1-032-15900-3 : **£125**

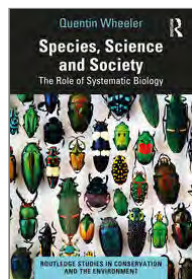
eBook: 978-1-003-24619-0

\* For full contents and more information, visit: [www.routledge.com/9781032158990](http://www.routledge.com/9781032158990)



## Species, Science and Society

The Role of Systematic Biology



**Quentin Wheeler**

*Series: Routledge Studies in Conservation and the Environment*

This book presents an engaging and accessible examination of the role of systematic biology in species exploration and biodiversity conservation. This book will be of great interest to academics, researchers and professionals working in systematics, taxonomy and biodiversity conservation, as well as students with a basic background in biology.

Routledge

July 2023 : 266pp

Pb: 978-1-032-48052-7 : **£32.99**

Hb: 978-1-032-48439-6 : **£135**

eBook: 978-1-003-38907-1

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## Sustainable Governance of Wildlife and Community-Based Natural Resource Management

From Economic Principles to Practical Governance



**Brian Child** University of Florida, Gainesville, USA

*Series: Earthscan Studies in Natural Resource Management*

This book develops the Sustainable Governance Approach and the principles of Community-Based Natural Resource Management (CBNRM). It provides practical examples of successes and failures in implementation, and lessons about the economics and governance of wild resources with global application. Based on the author's extensive experience this book will be key reading for students of natural resource management, sustainable land use, community forestry, conservation and development. Providing practical but theoretically robust tools for implementing CBNRM it will also appeal to professionals and practitioners working in communities and in conservation and development.

Routledge

November 2019 : 406pp

Pb: 978-0-415-79329-2 : **£43.99**

Hb: 978-0-415-79327-8 : **£135**

eBook: 978-1-315-21115-2

\* For full contents and more information, visit: [www.routledge.com/9780415793292](http://www.routledge.com/9780415793292)

## Humans and Hyenas

Monster or Misunderstood



**Keith Somerville**

*Series: Routledge Studies in Conservation and the Environment*

Humans and Hyenas examines the origins and development of the relationship between the two to present an accurate and realistic picture of the hyena and its interaction with people. Combining the personal, in-depth mining of scientific papers about the three main species and historical accounts, the author delves into our relationship with hyenas from the earliest records, through the accounts by colonisers, to contemporary coexistence, where hyenas and humans are forced into ever closer proximity due to shrinking habitats and loss of prey.

Routledge

March 2021 : 276pp

Pb: 978-0-367-43641-4 : **£37.99**

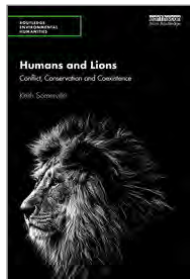
Hb: 978-0-367-43642-1 : **£135**

eBook: 978-1-003-00478-3

\* For full contents and more information, visit: [www.routledge.com/9780367436414](http://www.routledge.com/9780367436414)

## Humans and Lions

Conflict, Conservation and Coexistence



**Keith Somerville**

*Series: Routledge Environmental Humanities*

This book places lion conservation and the relationship between people and lions both in historical context and in the context of the contemporary politics of conservation in Africa. The killing of Cecil the Lion in July 2015 brought such issues to the public's attention. This book will be of interest to students and scholars of environmental and African history, wildlife conservation, environmental management and political ecology, as well as the general reader.

Routledge

July 2019 : 260pp

Pb: 978-1-138-55803-8 : **£41.99**

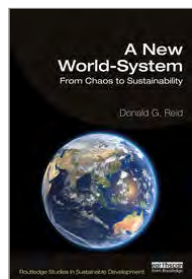
Hb: 978-1-138-55802-1 : **£135**

eBook: 978-1-315-15118-2

\* For full contents and more information, visit: [www.routledge.com/9781138558038](http://www.routledge.com/9781138558038)

## A New World-System

From Chaos to Sustainability



**Donald G. Reid** University of Guelph, Canada

*Series: Routledge Studies in Sustainable Development*

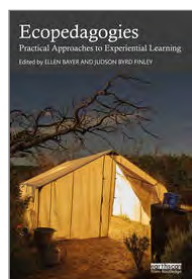
This book examines the present crisis in the social and ecological environment that is producing profound, potentially catastrophic challenges to the planet and humanity, and outlines a process for moving forward to address these critical issues. Part 1 surveys the five major threats facing humanity today: climate change, inequality and poverty, new technologies, migration and globalization. It approaches the challenge of integrating these phenomena into a global picture from a systems perspective. Part 2 moves to solving these problems with chapters examining the ability of the present world-system to address these issues and outlining a process for action.

Routledge  
November 2020 : 238pp  
Pb: 978-0-367-60967-2 : **£37.99**  
Hb: 978-0-367-61130-9 : **£135**  
eBook: 978-1-003-10426-1

\* For full contents and more information, visit: [www.routledge.com/9780367609672](http://www.routledge.com/9780367609672)

## Ecopedagogies

Practical Approaches to Experiential Learning



*Edited by Ellen Bayer, Judson Byrd Finley*

Ecopedagogies showcases a range of creative approaches that educators across multiple disciplines use to empower students to access and engage with nature, increasingly important in a post-Covid world in environmental crisis. Chapters are written by scholars from the environmental arts and humanities; literature; writing studies; rhetoric; music; religious studies; environmental studies and sustainability; sociology and anthropology; physical education; and outdoor education. As a practical guide, it delivers a well-provisioned toolbox containing exercises, activity guides, and assignments for those teaching on environmentally-focused college courses.

Routledge  
September 2022 : 226pp  
Pb: 978-1-032-11845-1 : **£36.99**  
Hb: 978-1-032-11844-4 : **£135**  
eBook: 978-1-003-22180-7

\* For full contents and more information, visit: [www.routledge.com/9781032118451](http://www.routledge.com/9781032118451)

## Environmental Ethics and Behavioural Change



**Benjamin Franks** University of Glasgow, UK, **Stuart Hanscomb** University of Glasgow, UK, **Sean Johnston**

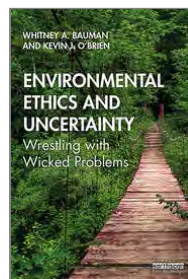
This book takes a practical approach to environmental ethics with a focus on its transformative potential for students, professionals, policy makers, activists, and concerned citizens. Proposed solutions to issues such as climate change, resource depletion and accelerating extinctions have included technological fixes, national and international regulation and social marketing. This volume examines the ethical features of a range of communication strategies and technological, political and economic methods for promoting ecologically responsible practice in the face of these crises.

Routledge  
December 2017 : 300pp  
Pb: 978-1-138-92405-5 : **£41.99**  
Hb: 978-1-138-92404-8 : **£145**  
eBook: 978-1-315-68461-1

\* For full contents and more information, visit: [www.routledge.com/9781138924055](http://www.routledge.com/9781138924055)

## Environmental Ethics and Uncertainty

Wrestling with Wicked Problems



**Whitney Bauman, Kevin O'Brien**

This book offers a multidisciplinary (theology, philosophy, and sociology) environmental approach to ethics in response to the contemporary challenge of climate change caused by globalized economics and consumption. This book synthesises the incredible complexity of the problem and the necessity of action in response, highlighting the unambiguous problem facing humanity in the 21st century, but arguing that it is essential to develop an ethics housed in ambiguity in response.

Routledge  
August 2019 : 160pp  
Pb: 978-0-367-25914-3 : **£36.99**  
Hb: 978-0-367-25911-2 : **£135**  
eBook: 978-0-429-29050-3

\* For full contents and more information, visit: [www.routledge.com/9780367259143](http://www.routledge.com/9780367259143)

## Environmental Justice

Key Issues



*Edited by Brendan Coolsaet*

*Series: Key Issues in Environment and Sustainability*

This book offers a comprehensive overview of the field of environmental justice. Written by leading international experts from a variety of professional, geographic, ethnic and disciplinary backgrounds, its chapters combine authoritative commentary with real-life cases. Organised into four parts – approaches, issues, actors and future directions – the chapters help the reader to understand the foundations of the field, including the principal concepts, debates and historical milestones. This book is the ideal toolkit for junior researchers, graduate students, upper-level undergraduates and anyone in need of a comprehensive introductory textbook on environmental justice.

Routledge  
July 2020 : 364pp  
Pb: 978-0-367-13993-3 : **£35.99**  
Hb: 978-0-367-13992-6 : **£135**  
eBook: 978-0-429-02958-5

\* For full contents and more information, visit: [www.routledge.com/9780367139933](http://www.routledge.com/9780367139933)

## Ethical Humans

Life, Love, Labour, Learning and Loss



**Victor Jeleniewski Seidler**

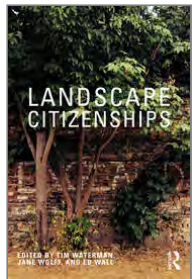
*Series: Routledge Research in Anticipation and Futures*

Ethical Humans questions how philosophy and social theory can help us to engage the everyday moral realities of living, working, loving and dying in new capitalism. Seeking to embody traditions of philosophy and social theory in everyday ethics, this book validates emotions and feelings as sources of knowledge and shows how the denigration of women has gone hand in hand with the denigration of nature. The author argues that in a crisis of global warming we have to learn to listen to our bodies as part of nature and draws on Wittgenstein to shape embodied forms of philosophy and social theory that questions theologies to continue to shape philosophical traditions.

Routledge  
November 2021 : 350pp  
Pb: 978-0-367-68994-0 : **£36.99**  
Hb: 978-0-367-68997-1 : **£135**  
eBook: 978-1-003-13996-6

\* For full contents and more information, visit: [www.routledge.com/9780367689940](http://www.routledge.com/9780367689940)

## Landscape Citizenships



Edited by **Tim Waterman** The Bartlett School of Architecture, University College London, UK, **Jane Wolff**, **Ed Wall**

This book, featuring work by academics from North America, Europe, and the Middle East, extends the growing body of thought and research in landscape democracy and landscape justice. Grounded in the discourses of ecological, environmental, watershed, and bioregional citizenships, this edited collection evaluates belonging through the idea of landscape as landship which describes substantive, mutually constitutive relations between people and place. With a strong international focus across fourteen chapters, it delves into key topics such as marginalization, indigeneity, globalization, politics, and the environment, before finishing with an epilogue written by Kenneth R. Olwig.

Routledge  
June 2021 : 320pp  
Pb: 978-0-367-47882-7 : **£36.99**  
Hb: 978-0-367-47883-4 : **£135**  
eBook: 978-1-003-03716-3

\* For full contents and more information, visit: [www.routledge.com/9780367478827](http://www.routledge.com/9780367478827)

## More-Than-Human Design in Practice



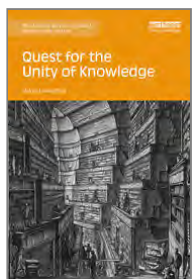
Edited by **Anton Poikolainen Rosén**, **Antti Salovaara**, **Andrea Botero**, **Marie Louise Juul Søndergaard**

This book provides an overview of the diverse multidisciplinary field of more-than-human design, offering a philosophical grounding of more-than-human design in posthumanism while putting practical design examples and methods to the forefront. This easily accessible and theoretically grounded book will provide design researchers and educators an excellent introduction to more-than-human thinking. It will also be of interest to students and scholars studying design more broadly, sustainability, environmental studies and service design, as well as to practicing designers interested in sustainability.

Routledge  
November 2024 : 290pp  
Pb: 978-1-032-74120-8 : **£36.99**  
Hb: 978-1-032-74119-2 : **£135**  
eBook: 978-1-003-46773-1

\* For full contents and more information, visit: [www.routledge.com/9781032741208](http://www.routledge.com/9781032741208)

## Quest for the Unity of Knowledge



**David Lowenthal**

Series: *Routledge Environmental Humanities*

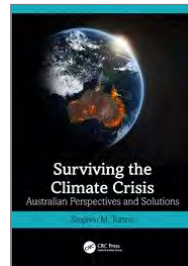
Is unity of knowledge possible? Two rival visions clash. One seeks a single way of explaining everything known and knowable about ourselves and the universe. The other champions diverse modes of understanding served by disparate kinds of evidence. This book, stemming from David Lowenthal's inaugural Stockholm Archipelago Lectures, explores the Two Cultures quarrel's underlying ideologies. Aimed at a general academic audience, Quest for the Unity of Knowledge especially targets those in conservation, ecology, history of ideas, museology, and heritage studies.

Routledge  
November 2018 : 232pp  
Pb: 978-1-138-62568-6 : **£37.99**  
Hb: 978-1-138-61315-7 : **£135**  
eBook: 978-0-429-46470-6

\* For full contents and more information, visit: [www.routledge.com/9781138625686](http://www.routledge.com/9781138625686)

## Surviving the Climate Crisis

Australian Perspectives and Solutions



**Stephen M. Turton** Central Queensland Univ.

This is the first textbook to adopt an integrated perspective of climate change in Australia, drawing on research from the latest IPCC (2021, 2022) Sixth Assessment Reports. Australia has been identified by a number of respected sources as a 'climate change hotspot', with all major sectors of the economy considered vulnerable or highly vulnerable to the anticipated adverse impacts of climate change. Ideal for advanced undergraduate and graduate students with limited science backgrounds, this book will inform those undertaking business, management, sustainability, education, environmental, development or heritage studies and other social science programs.

CRC Press  
December 2022 : 256pp  
Pb: 978-1-032-03947-3 : **£35.99**  
Hb: 978-1-032-03953-4 : **£89.99**  
eBook: 978-1-003-18990-9

\* For full contents and more information, visit: [www.routledge.com/9781032039473](http://www.routledge.com/9781032039473)

## Sustainable Action

Overcoming the Barriers



**Christian Berg**

Series: *Routledge Studies in Sustainability*

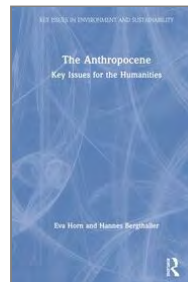
Sustainable Action surveys all the fields involved in sustainability to provide action principles which speak to actors of different kinds, not just those professionally mandated with such changes. It offers a road map to all those who might not constantly think about systems change but who are concerned and want to contribute to a sustainable future in a meaningful way. This book will be of great interest to students and scholars of sustainability issues, as well as those looking for a framework for how to change their systems at work to impact the quadruple bottom line: environment, economy, society, and future generations.

Routledge  
November 2019 : 318pp  
Pb: 978-0-367-18321-9 : **£41.99**  
Hb: 978-0-367-18320-2 : **£135**  
eBook: 978-0-429-06078-6

\* For full contents and more information, visit: [www.routledge.com/9780367183219](http://www.routledge.com/9780367183219)

## The Anthropocene

Key Issues for the Humanities



**Eva Horn**, **Hannes Bergthaller**

Series: *Key Issues in Environment and Sustainability*

This book is an introduction to, and structured survey of, the attempts that have been made to take the measure of the Anthropocene, and explores some of the paradigmatic problems which it raises.

Routledge  
October 2019 : 192pp  
Pb: 978-1-138-34247-7 : **£36.99**  
Hb: 978-1-138-34246-0 : **£135**  
eBook: 978-0-429-43973-5

\* For full contents and more information, visit: [www.routledge.com/9781138342477](http://www.routledge.com/9781138342477)



## The Environmental Apocalypse

Interdisciplinary Reflections on the Climate Crisis



Edited by **Jakub Kowalewski**

Series: *Routledge Environmental Humanities*

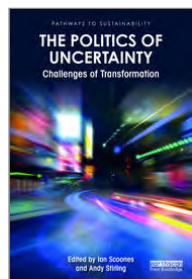
This volume brings together scholars working across the humanities in order to offer a comprehensive analysis of the environmental catastrophe as the modern-day apocalypse. Drawing on philosophy, theology, history, literature, art history, psychoanalysis, as well as queer and decolonial theories, the book's contributors expound the meaning of the climate apocalypse, reveal its presence in our everyday experiences, and examine its impact on our intellectual, imaginative, and moral practices. It will be an invaluable resource for students and scholars interested in the contributions of both apocalypticism and the humanities to contemporary ecological debates.

Routledge  
November 2022 : 280pp  
Pb: 978-1-032-03806-3 : **£35.99**  
Hb: 978-1-032-03821-6 : **£125**  
eBook: 978-1-003-18919-0

\* For full contents and more information, visit: [www.routledge.com/9781032038063](http://www.routledge.com/9781032038063)

## The Politics of Uncertainty

Challenges of Transformation



Edited by **Ian Scoones** University of Sussex, UK, **Andy Stirling**

Series: *Pathways to Sustainability*

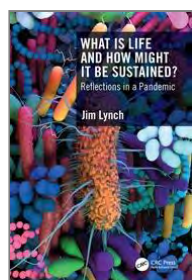
Why is uncertainty so important to politics today? This book argues that uncertainties must be understood as complex constructions of knowledge, materiality, experience, embodiment and practice. Examining in particular how uncertainties are experienced in contexts of marginalisation and precarity, this book shows how sustainability and development are not just technical issues, but depend on deeply political values and choices. This book will appeal to a wide cross-disciplinary audience in fields ranging from economics to law to science studies to sociology to anthropology and geography, as well as professionals working in risk management, disaster risk reduction and emergencies.

Routledge  
July 2020 : 196pp  
Pb: 978-0-367-90335-0 : **£32.99**  
Hb: 978-0-367-90337-4 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9780367903350](http://www.routledge.com/9780367903350)

## What Is Life and How Might It Be Sustained?

Reflections in a Pandemic



**Jim Lynch** Univ. of Surrey

How did the universe and life begin and what are the threats to people and the environment in a pandemic? This book is for anybody with interest in protecting life on the planet. Studies on the origin of life and scientific contributions to safeguarding the planet are examined in light of current thinking on climate change. A major focus is the spread of microbes, put in the context of environmental assessment and management. Lynch shows how failure to control disease can lead to the collapse of any biotic population. To avoid this, the ethics of management of disease by biological control and by vaccination are discussed, at the practical level and in a moral theological context.

CRC Press  
July 2022 : 114pp  
Pb: 978-1-032-27547-5 : **£19.99**  
Hb: 978-1-032-30388-8 : **£35.99**  
eBook: 978-1-003-30484-5

\* For full contents and more information, visit: [www.routledge.com/9781032275475](http://www.routledge.com/9781032275475)

## Writing a New Environmental Era

Moving forward to nature



**Ken Hiltner**

Series: *Routledge Environmental Humanities*

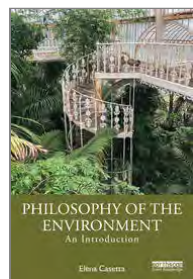
Writing a New Environmental Era considers and then rejects back-to-nature thinking and its proponents like Henry David Thoreau, arguing that human beings have never lived at peace with nature. Using the rise of the automobile and climate change denial literature to explore how our current environmental era was written into existence, Ken Hiltner argues that the humanities need to lead us there.

Routledge  
October 2019 : 188pp  
Pb: 978-0-367-14380-0 : **£37.99**  
Hb: 978-0-367-14378-7 : **£135**  
eBook: 978-0-429-03172-4

\* For full contents and more information, visit: [www.routledge.com/9780367143800](http://www.routledge.com/9780367143800)

## Philosophy of the Environment

An Introduction



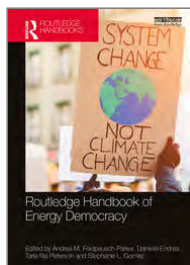
**Elena Casetta**

This textbook offers a reasoned and accessible introduction to the philosophy of the environment and the current environmental crisis, designed for scholars and students in both philosophy and the natural and environmental sciences. It addresses the history and meanings of the concept of "environment", provides a theory of the relation between living beings and their environments, and tackles a wide spectrum of key philosophical issues related to the environment and the environmental crisis in a straightforward framework and accessible style. Targeted at students, scholars, and junior researchers, the book distinguishes itself through its approachable style and choice of topics.

Routledge  
December 2024 : 182pp  
Pb: 978-1-032-76687-4 : **£35.99**  
Hb: 978-1-032-76690-4 : **£135**  
eBook: 978-1-003-47964-2

\* For full contents and more information, visit: [www.routledge.com/9781032766874](http://www.routledge.com/9781032766874)

## Routledge Handbook of Energy Democracy



Edited by **Andrea M. Feldpausch-Parker** State University of New York College of Environmental Science and Forestry, USA, **Danielle Endres**, **Tarla Rai Peterson** Texas University, USA, **Stephanie L. Gomez**

*Series: Routledge Environment and Sustainability Handbooks*

This handbook offers a comprehensive transdisciplinary examination of the research and practices that constitute the emerging research agenda in energy democracy. The vision of this volume is explicitly transdisciplinary and global, including contributions from interdisciplinary international scholars and practitioners. It will be the premier source for all students and researchers interested in the field of energy; including policy, politics, transitions, access, justice, and public participation.

Routledge

January 2024 : 480pp

Pb: 978-1-032-13052-1 : **£43.99**

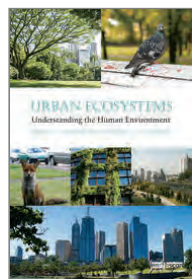
Hb: 978-1-138-39225-0 : **£215**

eBook: 978-0-429-40230-2

\* For full contents and more information, visit: [www.routledge.com/9781032130521](https://www.routledge.com/9781032130521)

## Urban Ecosystems

Understanding the Human Environment



**Robert A. Francis** King's College London, UK, **Michael A. Chadwick**

*Series: Routledge Studies in Urban Ecology*

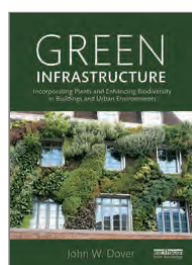
With over half of the global human population living in urban regions, urban ecosystems may now represent the contemporary and future human environment. Developing an appreciation of their ecology and environment is important for anyone involved in urban ecology, urban planning or urban conservation. This book aims to review what is currently known about urban ecosystems in a short and approachable text that will serve as a key resource for teaching and learning related to the urban environment. All chapters incorporate case studies, boxes and questions for stimulating discussions in the learning environment.

Routledge  
March 2013 : 232pp  
Pb: 978-0-415-69803-0 : **£49.99**  
Hb: 978-0-415-69795-8 : **£155**  
eBook: 978-0-203-13364-4

\* For full contents and more information, visit: [www.routledge.com/9780415698030](http://www.routledge.com/9780415698030)

## Green Infrastructure

Incorporating Plants and Enhancing Biodiversity in Buildings and Urban Environments



**John W. Dover** Staffordshire University, Stoke-On-Trent, UK

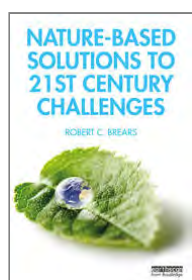
*Series: Routledge Studies in Urban Ecology*

With more than half of the world's population now living in urban areas, it is vitally important that towns and cities are healthy places to live. The principal aim of this book is to synthesize the disparate literature on the use of vegetation in the built environment and its multifunctional benefits to humans. Examples are used throughout to illustrate the practical use of vegetation to improve the urban environment and deliver ecosystem services. Whilst the underlying theme is the value of biodiversity, the emphasis is less on existing high value green spaces (such as nature reserves, parks and gardens), than on the sealed surfaces of urban areas (building surfaces, roads, car parks, plazas, etc.).

Routledge  
July 2015 : 352pp  
Pb: 978-0-415-52124-6 : **£61.99**  
Hb: 978-0-415-52123-9 : **£195**  
eBook: 978-0-203-12199-3

\* For full contents and more information, visit: [www.routledge.com/9780415521246](http://www.routledge.com/9780415521246)

## Nature-Based Solutions to 21st Century Challenges



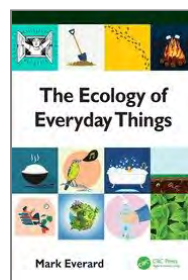
**Robert C. Brears**

This book provides a systematic review of nature-based solutions and their potential to address current environmental challenges. This book systematically reviews nature-based solutions from a public policy angle, assessing policy developments which encourage the implementation of nature-based solutions to address societal challenges while simultaneously providing human well-being and biodiversity benefits. It will be of great interest to policymakers, practitioners and researchers involved in nature-based solutions, sustainable urban planning, environmental management and sustainable development generally.

Routledge  
April 2020 : 352pp  
Pb: 978-0-367-26689-9 : **£37.99**  
Hb: 978-0-367-26617-2 : **£135**  
eBook: 978-0-429-29460-0

\* For full contents and more information, visit: [www.routledge.com/9780367266899](http://www.routledge.com/9780367266899)

## The Ecology of Everyday Things



**Mark Everard** University of the West of England, UK

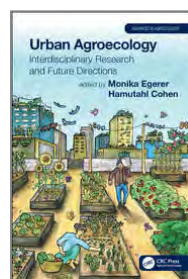
For many people, ecosystems may be a remote concept, yet we eat, drink, breathe and interface with them in every moment of our lives. In this engaging textbook, ecosystems scientist Dr Mark Everard considers a diversity of 'everyday things', including fascinating facts about their ecological origins: from the tea we drink, to things we wear, read and enjoy, to the ecology of communities and space flight, and the important roles played by germs and 'unappealing creatures' such as slugs and wasps. Ideal for use in undergraduate and school level teaching, it will also interest, educate, engage and enthuse a wide range of less technical audiences.

CRC Press  
December 2020 : 178pp  
Pb: 978-0-367-63631-9 : **£19.99**  
Hb: 978-0-367-63634-0 : **£53.99**  
eBook: 978-1-003-12005-6

\* For full contents and more information, visit: [www.routledge.com/9780367636319](http://www.routledge.com/9780367636319)

## Urban Agroecology

Interdisciplinary Research and Future Directions



*Edited by* **Monika Egerer** Technical University of Munich, **Hamutahl Cohen** Environmental Studies Dept, Univ. of California, Santa Cruz

*Series: Advances in Agroecology*

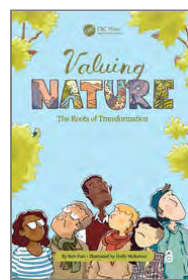
Today, 20 percent of the global food supply relies on urban agriculture. This book shows how urban agroecologists measure flora and fauna that underpin the ecological dynamics of these socio-economic systems, and how people manage and benefit from these systems. By investigating the role of agroecology in cities, the book calls for the creation of spaces for food to be sustainably grown in urban spaces: an Urban Agriculture (UA) movement. Essential reading for graduate students, practitioners, policy makers and researchers, this book charts the course for accelerating this movement.

CRC Press  
December 2020 : 384pp  
Pb: 978-0-367-26001-9 : **£84.99**  
Hb: 978-0-367-63664-7 : **£215**  
eBook: 978-0-429-29099-2

\* For full contents and more information, visit: [www.routledge.com/9780367260019](http://www.routledge.com/9780367260019)

## Valuing Nature

The Roots of Transformation



**Robert Fish**, **Holly McKelvey**

This graphic novel-style textbook takes the reader on an exploration of the issues that arise from the growing interest in the valuation of nature. A 'motley' group of undergraduates are trying to complete a university assignment on 'nature in the modern world', leading to exploration of the diverse meanings assigned to nature, the different ways to characterise the relationship between people and nature, the many values systems held for the natural world and the approaches society can deploy to manage it. This highly interdisciplinary book invites consideration of a range of philosophical and applied debates and questions, ideal for use in the classroom.

CRC Press  
November 2021 : 144pp  
Pb: 978-0-367-76265-0 : **£22.99**  
Hb: 978-0-367-76266-7 : **£56.99**

\* For full contents and more information, visit: [www.routledge.com/9780367762650](http://www.routledge.com/9780367762650)



## Adaptation Urbanism and Resilient Communities

Transforming Streets to Address Climate Change



**Billy Fields, John L. Renne**

*Series: Advances in Urban Sustainability*

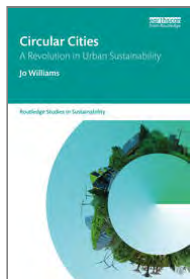
Adaptation Urbanism and Resilient Communities outlines and explains adaptation urbanism as a theoretical framework for understanding and evaluating resilience projects in cities and relates it to pressing contemporary policy issues related to urban climate change mitigation and adaptation. Advancing resilience policy discourse through multidisciplinary framework this work will be of great interest to students of urban planning, geography, transportation, landscape architecture, and environmental studies, as well as resilience practitioners around the world.

Routledge  
May 2021 : 264pp  
Pb: 978-0-367-13495-2 : **£36.99**  
Hb: 978-0-367-13493-8 : **£135**  
eBook: 978-0-429-02680-5

\* For full contents and more information, visit: [www.routledge.com/9780367134952](http://www.routledge.com/9780367134952)

## Circular Cities

A Revolution in Urban Sustainability



**Jo Williams** Bartlett School of Planning, University College London, UK

*Series: Routledge Studies in Sustainability*

This book defines the circular city and circular development. It explains the shift in focus from a purely economic concept, which promotes circular business models in cities, to one that explores a new approach to urban development. This approach offers huge opportunities and addresses important sustainability issues: resource consumption and waste; climate change; the health of urban populations; social inequalities and the creation of sustainable urban economies.

Routledge  
April 2021 : 176pp  
Pb: 978-0-367-74816-6 : **£36.99**  
Hb: 978-1-138-59114-1 : **£135**  
eBook: 978-0-429-49061-3

\* For full contents and more information, visit: [www.routledge.com/9780367748166](http://www.routledge.com/9780367748166)

## Hardware, Software, Heartware

Digital Twinning for More Sustainable Built Environments



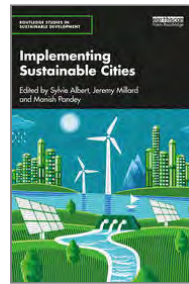
**Jason Pomeroy**

This book examines the full potential of Digital Twins (DTs) as a means of creating more sustainable urban habitats. It reveals how DTs are increasingly adopted by cities as a tool for urban governance, with the hope of increasing operational efficiencies and enhancing citizens' lives. Beautifully designed and illustrated in full colour throughout, it combines academic theory with practical application and will be a useful reference for professionals, students, academics and policymakers, working in the fields of smart cities, sustainable urbanism, and the digitisation, digitalisation and digital transformation of the built environment industry.

Routledge  
October 2023 : 250pp  
Pb: 978-1-032-56938-3 : **£35.99**  
Hb: 978-1-032-56939-0 : **£145**  
eBook: 978-1-003-43776-5

\* For full contents and more information, visit: [www.routledge.com/9781032569383](http://www.routledge.com/9781032569383)

## Implementing Sustainable Cities



*Edited by* **Sylvie Albert** University of Winnipeg, Canada,  
**Jeremy Millard** Third Millennium Governance, Denmark,  
**Manish Pandey**

*Series: Routledge Studies in Sustainable Development*

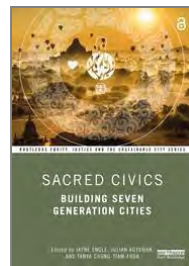
This edited volume brings together international authors to explore how cities around the world are implementing their commitment toward the UN Sustainable Development Goals. It highlights the innovative ways cities can plan their implementation by drawing on comprehensive research and literature reviews. It describes examples of various cities' governance mechanisms, resourcing strategies and implementation strategies. The book will be of great interest to students, researchers, and professionals of urban sustainability, planning, smart cities, and sustainable communities, as well city and government stakeholders including policy makers, economic development corporations and NGOs.

Routledge  
September 2024 : 286pp  
Pb: 978-1-032-58768-4 : **£39.99**  
Hb: 978-1-032-58770-7 : **£135**  
eBook: 978-1-003-45140-2

\* For full contents and more information, visit: [www.routledge.com/9781032587684](http://www.routledge.com/9781032587684)

## Sacred Civics

Building Seven Generation Cities



*Edited by* **Jayne Engle**, **Julian Agyeman**, **Tanya Chung-Tiam-Fook**

*Series: Routledge Equity, Justice and the Sustainable City series*

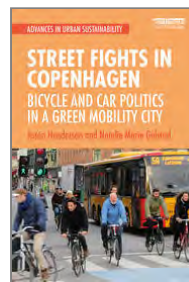
Sacred Civics argues that societal transformation requires that spirituality and sacred values are essential to reimagining patterns of how we live, organize and govern ourselves, determine and distribute wealth, inhabit and design cities, and construct relationships. The book brings together transdisciplinary and global academics, professionals and activists to question assumptions that are fused deep into the code of how societies operate, and to draw on wisdom from Indigenous traditions. A must-read for anyone interested in intersectional discussions on social justice, inclusivity, participatory design, healthy communities and future cities.

Routledge  
May 2022 : 272pp  
Pb: 978-1-032-05911-2 : **£32.99**  
Hb: 978-1-032-05910-5 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9781032059112](http://www.routledge.com/9781032059112)

## Street Fights in Copenhagen

Bicycle and Car Politics in a Green Mobility City



**Jason Henderson** San Francisco State University, USA,  
**Natalie Marie Gulsrud**

*Series: Advances in Urban Sustainability*

With twenty-nine percent of all trips made by bicycle, Copenhagen is considered a model of green transport. This book considers the underlying political conditions that enabled cycling to appeal to such a wide range of citizens of Copenhagen and asks how this can be replicated elsewhere. This book will appeal to upper-level undergraduates and graduates in urban geography, city planning, transportation, environmental studies, as well as transportation advocates, urban policy-makers, and anyone concerned about climate change and looking to identify paths forward in their own cities and localities.

Routledge  
May 2019 : 214pp  
Pb: 978-1-138-33489-2 : **£47.99**  
Hb: 978-1-138-31753-6 : **£150**  
eBook: 978-0-429-44413-5

\* For full contents and more information, visit: [www.routledge.com/9781138334892](http://www.routledge.com/9781138334892)

2ND EDITION

## Sustainable Design for the Built Environment



**Rob Fleming, Saglinda H Roberts, Chitsanzo Isaac**

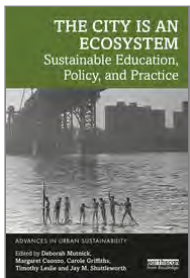
This groundbreaking and transformative textbook introduces sustainable design in a clear, concise, easy-to-read format. This new edition includes fully updated exercises and online resources, an increased focus on diversity, equity and inclusion in design, more international examples, perspectives and approaches, enhanced full colour visuals, and additional resources for further study. Supported by additional resources including additional reading for each chapter and classroom assignments, this book will be essential reading for students of sustainability and sustainable design.

Routledge  
November 2024 : 316pp  
Pb: 978-1-032-51082-8 : **£38.99**  
Hb: 978-1-032-51084-2 : **£135**  
eBook: 978-1-003-40102-5

\* For full contents and more information, visit: [www.routledge.com/9781032510828](http://www.routledge.com/9781032510828)

## The City is an Ecosystem

Sustainable Education, Policy, and Practice



**Edited by Deborah Mutnick, Margaret Cuonzo Long** Island University, USA, **Carole Griffiths, Timothy Leslie, Jay M. Shuttleworth**

*Series: Advances in Urban Sustainability*

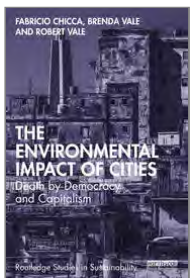
The City is an Ecosystem maps an interdisciplinary, community-engaged response to the great ecological crises of our time—climate change, biodiversity loss, and social inequality—which pose particular challenges for cities, where more than half the world's population currently live. This timely volume cuts across the humanities and social and health sciences, and will be of interest to policymakers, urban ecologists, activists, built environment professionals, educators, and advanced students concerned with the future of our cities.

Routledge  
August 2022 : 294pp  
Pb: 978-1-032-10865-0 : **£36.99**  
Hb: 978-1-032-10864-3 : **£135**  
eBook: 978-1-003-21744-2

\* For full contents and more information, visit: [www.routledge.com/9781032108650](http://www.routledge.com/9781032108650)

## The Environmental Impact of Cities

Death by Democracy and Capitalism



**Fabrizio Chicca** Victoria University of Wellington, New Zealand, **Brenda Vale, Robert Vale**

*Series: Routledge Studies in Sustainability*

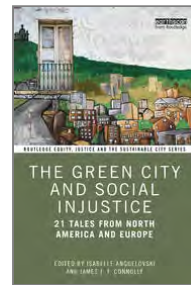
This book assesses the environmental impact that comes from cities and their inhabitants, demonstrating that our current political and economic systems are not environmentally sustainable because they are designed for endless growth in a system which is finite. It examines a broad selection of cities covering a wide range of political systems, geography, cultural backgrounds and population size. The environmental impact of the selected cities is calculated using both Ecological Footprint and carbon emissions. This book will be of great interest to students and scholars of sustainability, urban planning, urban design, environmental sciences, geography and sociology.

Routledge  
December 2022 : 280pp  
Pb: 978-0-367-49342-4 : **£35.99**  
Hb: 978-0-367-49343-1 : **£125**  
eBook: 978-1-003-04584-7

\* For full contents and more information, visit: [www.routledge.com/9780367493424](http://www.routledge.com/9780367493424)

## The Green City and Social Injustice

21 Tales from North America and Europe



**Edited by Isabelle Anguelovski, James J. T. Connolly**

*Series: Routledge Equity, Justice and the Sustainable City series*

This book examines the recent urban environmental trajectory of twenty-one cities in Europe and North America over a 20 year period. Based on fieldwork in ten countries, and on analysis of core planning, policy, and activist documents and data, the book offers a critical view of the growing green planning orthodoxy in the Global North. It highlights the entanglements of this tenet with neoliberal municipal policies including budget cuts for community initiatives, long-term green spaces, and housing for the most fragile residents; and the focus on large-scale urban redevelopment and high-end real estate investment.

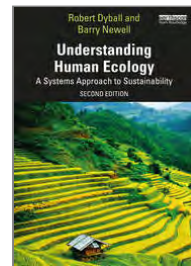
Routledge  
November 2021 : 360pp  
Pb: 978-1-032-02411-0 : **£36.99**  
Hb: 978-1-032-02413-4 : **£135**  
eBook: 978-1-003-18327-3

\* For full contents and more information, visit: [www.routledge.com/9781032024110](http://www.routledge.com/9781032024110)

2ND EDITION

## Understanding Human Ecology

A Systems Approach to Sustainability



**Robert Dyball, Barry Newell**

Understanding Human Ecology offers a coherent conceptual framework for human ecology – a clear approach for understanding the many systems we are part of and for how we frame and understand the problems we face. Blending Fully updated for the second edition, the book now goes further in using systems-thinking principles to explain fundamental ecological and social processes and articulates a framework that systematically explores the links between these fields. This new edition is essential reading for students and scholars of human ecology, environmental ethics, and sustainability studies.

Routledge  
June 2023 : 240pp  
Pb: 978-0-367-24569-6 : **£35.99**  
Hb: 978-0-367-24568-9 : **£135**  
eBook: 978-0-429-28321-5

\* For full contents and more information, visit: [www.routledge.com/9780367245696](http://www.routledge.com/9780367245696)

## Urban Blue Spaces

Planning and Design for Water, Health and Well-Being



**Edited by Simon Bell** Estonian University of Life Sciences, Estonia, **Lora E. Fleming** University of Exeter, UK, **James Grellier** University of Exeter, UK, **Friedrich Kuhlmann** Estonian University of Life Sciences, Estonia, **Mark J. Nieuwenhuijsen** IS Global, UK, **Mathew P. White** University of Exeter, UK

This book presents an evidence-based approach to landscape planning and design for urban blue spaces that maximises the benefits to human health and well-being while minimising the risks. The international editorial team, consisting of researchers and professionals across several disciplines, leads the reader through theoretical aspects, evidence, illustrated case studies, risk assessment and a series of validated tools to aid planning and design, before finishing with overarching planning and design principles for a range of blue-space types. Over 200 full colour illustrations accompany the case study examples from geographic locations all over the world.

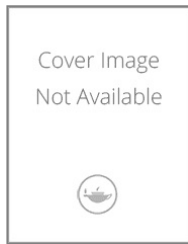
Routledge  
September 2021 : 506pp  
Pb: 978-0-367-17318-0 : **£44.99**  
Hb: 978-0-367-17317-3 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9780367173180](http://www.routledge.com/9780367173180)

2ND EDITION

## Regreening the Built Environment

Nature, Green Space, and Sustainability

**Michael A. Richards**

Now in its second volume, *Regreening the Built Environment* provides an overview of physical and social environmental challenges that the planet is facing and presents solutions that restore ecological processes, reclaim open space, foster social equity, and facilitate a green economy. Case studies are presented from a range of locations in the USA, as well as Denmark, Vietnam, Germany, South Korea, Switzerland, France, and the UK, among others. This book will stimulate discussions within the design profession and will be of great interest to students and practitioners of environmental studies, architecture, and urban design.

Routledge

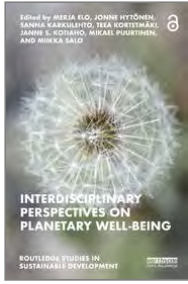
September 2024 : 354pp

Pb: 978-1-032-66859-8 : **£39.99**Hb: 978-1-032-66865-9 : **£150**

eBook: 978-1-032-66866-6

\* For full contents and more information, visit: [www.routledge.com/9781032668598](http://www.routledge.com/9781032668598)

## Interdisciplinary Perspectives on Planetary Well-Being



*Edited by* **Merja Elo, Jonne Hytönen, Sanna Karkulehto, Teea Kortetmäki, Janne S. Kotiaho, Mikael Puurtinen, and Miikka Salo**

*Series: Routledge Studies in Sustainable Development*

In response to years of accelerated decline in the health of ecosystems and their inhabitants, this edited collection presents planetary well-being as a new cross-disciplinary concept to foster global transformation towards a more equal and inclusive framing of well-being. The book will appeal to academics, researchers, and students in a broad range of disciplines including sustainability science, sustainable development, natural resources, and environmental humanities. This rich resource that explores the interconnection between human and nonhuman well-being serves as a tool to foster transformative action towards a more sustainable society.

Routledge

June 2023 : 290pp

Pb: 978-1-032-36826-9 : **£38.99**

Hb: 978-1-032-36828-3 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9781032368269](http://www.routledge.com/9781032368269)

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Planning and Design for Water, Health and Well-Being



*Edited by* **Simon Bell** Estonian University of Life Sciences, Estonia, **Lora E. Fleming** University of Exeter, UK, **James Grellier** University of Exeter, UK, **Friedrich Kuhlmann** Estonian University of Life Sciences, Estonia, **Mark J. Nieuwenhuijsen** IS Global, UK, **Mathew P. White** University of Exeter, UK

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Routledge

September 2021 : 506pp

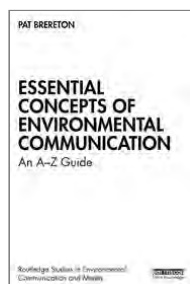
Pb: 978-0-367-17318-0 : **£44.99**

Hb: 978-0-367-17317-3 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9780367173180](http://www.routledge.com/9780367173180)

## Essential Concepts of Environmental Communication

An A–Z Guide



**Pat Brereton**

*Series: Routledge Studies in Environmental Communication and Media*

This book draws on a broad spectrum of environmental communications and related cross-disciplinary literature to help students and scholars grasp the interconnecting key concepts within this ever-expanding field of study. Aligning climate change and environmental learning through media and communications, particularly taking into account the post-COVID challenge of sustainability, remains one of the most important concerns within environmental communications.

Routledge

April 2022 : 300pp

Pb: 978-0-367-64202-0 : **£35.99**

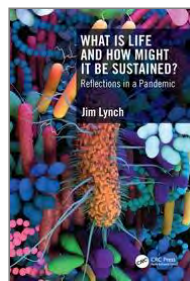
Hb: 978-0-367-64201-3 : **£135**

eBook: 978-1-003-12342-2

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Reflections in a Pandemic



**Jim Lynch** Univ. of Surrey

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CRC Press

July 2022 : 114pp

Pb: 978-1-032-27547-5 : **£19.99**

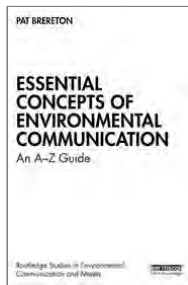
Hb: 978-1-032-30388-8 : **£35.99**

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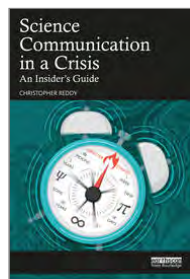
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## Science Communication in a Crisis

An Insider's Guide



**Christopher Reddy**

Science Communication in a Crisis: An Insider's Guide identifies the principal challenges that scientists face when communicating with different stakeholder groups and offers advice on how to navigate the maze of competing interests and deliver actionable science when the clock is ticking.

Routledge

May 2023 : 172pp

Pb: 978-1-032-37780-3 : **£25.99**

Hb: 978-1-032-37779-7 : **£135**

eBook: 978-1-003-34187-1

\* For full contents and more information, visit: [www.routledge.com/9781032377803](http://www.routledge.com/9781032377803)

## The Routledge Handbook of Scientific Communication



*Edited by* **Cristina Hanganu-Bresch , Michael J. Zerbe , Gabriel Cutrufello , Stefania M. Maci**

*Series: Routledge Environment and Sustainability Handbooks*

This handbook scrutinizes what we value, prioritise and grapple with in science as highlighted by the rhetorical choices of scientists, students, educators, and lay commentators. Drawing on contributions from leading thinkers in the field, this volume explores some of the most pressing questions in this growing field of study. Offering a critical look at the complex relationships that characterize current scientific communication practices in academia, industry, government and elsewhere, this book will be essential reading for students, scholars and professionals involved in the study, practice and teaching of scientific, medical and technical communication.

Routledge

January 2024 : 444pp

Pb: 978-1-032-19053-2 : **£43.99**

Hb: 978-0-367-48979-3 : **£215**

eBook: 978-1-003-04378-2

\* For full contents and more information, visit: [www.routledge.com/9781032190532](http://www.routledge.com/9781032190532)

## Routledge Handbook of Environmental Journalism



*Edited by* **David B. Sachsman , JoAnn Myer Valenti**

This Handbook provides a thorough understanding of environmental journalism around the world. With contributions from across the world broken down into five key regions – the United States of America, Europe and Russia, Asia and Australia, Africa and the Middle East, and South America - it provides support for today's environment reporters, the providers of essential news in the 21st century. As a scholarly and journalistic work written by academics and the environmental reporters themselves, this volume is an essential text for both upper-level undergraduates and postgraduates who study journalism and global environmental issues.

Routledge

June 2022 : 444pp

Pb: 978-1-032-33644-2 : **£43.99**

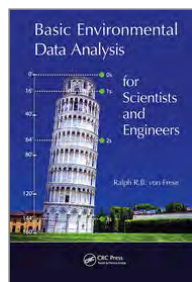
Hb: 978-1-138-47850-3 : **£215**

eBook: 978-1-351-06840-6

\* For full contents and more information, visit: [www.routledge.com/9781032336442](http://www.routledge.com/9781032336442)



## Basic Environmental Data Analysis for Scientists and Engineers



**Ralph R.B. Von Frese**

This hands-on textbook introduces basic concepts of modern digital data analysis and graphics including numerical/graphical calculus, measurement units and dimensional analysis, non-statistical and statistical error analysis, etc. It emphasizes array-based or matrix inversion and spectral analysis using the fast Fourier transform (FFT) that dominates modern data analysis. It is comprehensive and better suited for student exploration efforts using modern equation solving software like MATLAB®, Mathematica, MathCad, etc. This textbook is focused on the basic mathematical methods, which distinguishes it from the rest of software focused textbooks.

CRC Press

January 2023 : 298pp

Pb: 978-1-032-47506-6 : **£43.99**

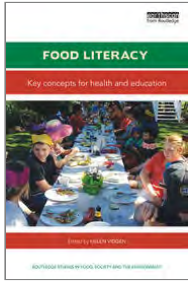
Hb: 978-1-138-62778-9 : **£110**

eBook: 978-0-429-29121-0

\* For full contents and more information, visit: [www.routledge.com/9781032475066](http://www.routledge.com/9781032475066)

## Food Literacy

Key concepts for health and education



Edited by **Helen Vidgen** Queensland University of Technology, Brisbane, Australia

Series: *Routledge Studies in Food, Society and the Environment*

In this book, contributors from Australia, China, United Kingdom and North America provide a review of international research on food literacy and how this can be applied in schools, health care settings and public education and communication at the individual, group and population level. The book gathers current insights and provides a platform for discussion to further understanding and application in this field. It stimulates the reader to conceptualise what food literacy means to their practice and to critically review its potential contribution to a range of outcomes.

Routledge

April 2016 : 262pp

Pb: 978-1-138-89852-3 : **£39.99**

Hb: 978-1-138-89851-6 : **£150**

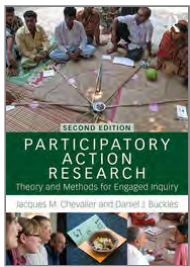
eBook: 978-1-315-70849-2

\* For full contents and more information, visit: [www.routledge.com/9781138898523](http://www.routledge.com/9781138898523)

2ND EDITION

## Participatory Action Research

Theory and Methods for Engaged Inquiry



**Jacques M. Chevalier** Carleton University, Ottawa, Canada

Revised and updated, *Participatory Action Research 2ed*, guides readers on new pathways to collective reasoning and evidence-based learning for social change, addressing the widespread difficulties all disciplines face when trying to contribute to change in complex social settings characterized by uncertainty and the unknown. Grounded in real-life it provides coherent, comprehensive and critical treatment of a wide range of themes in the social sciences, including stakeholder theory, systems thinking, problem analysis, risk assessment and priority setting. It is suitable for a wide range of undergraduate and postgraduate courses, as well as working professionals.

Routledge

February 2019 : 434pp

Pb: 978-1-138-49132-8 : **£47.99**

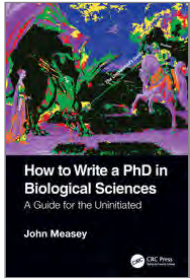
Hb: 978-1-138-48623-2 : **£145**

eBook: 978-1-351-03326-8

\* For full contents and more information, visit: [www.routledge.com/9781138491328](http://www.routledge.com/9781138491328)

## How to Write a PhD in Biological Sciences

A Guide for the Uninitiated



**John Measey**

You don't have to be a genius to write a PhD. Of course, it will always involve a lot of hard work and dedication, but the process of writing up is a whole lot easier if you understand the basic ground rules. This book is a guide through the 'dos' and 'don'ts' of writing a PhD, specifically in the biological sciences. It will be your companion from the point when you decide to do a PhD, providing practical guidance to getting started, all the way through the nuts and bolts of the writing and editing process. It will also help you to get - and stay - in the right mental framework and establish good habits from the beginning, putting you in a commanding position later on.

CRC Press

November 2021 : 294pp

Pb: 978-1-032-08020-8 : **£19.99**

Hb: 978-1-032-08021-5 : **£47.99**

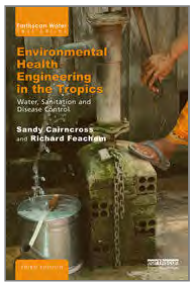
eBook: 978-1-003-21256-0

\* For full contents and more information, visit: [www.routledge.com/9781032080208](http://www.routledge.com/9781032080208)

3RD EDITION

## Environmental Health Engineering in the Tropics

Water, Sanitation and Disease Control



**Sandy Cairncross** London School of Hygiene and Tropical Medicine, UK, **Sir Richard Feachem** Global Health Group, University of California at San Francisco and Berkeley, USA

*Series: Earthscan Water Text*

This fully updated third edition of this classic text, widely cited as the most important and useful book for health engineering and disease prevention, describes infectious diseases in tropical and developing countries, and the measures that may be used effectively against them. This third edition includes new sections on arsenic in groundwater supplies and arsenic removal technologies and new material in most chapters including water supplies in developing countries and surface water drainage.

Routledge

November 2018 : 384pp

Pb: 978-1-844-07191-3 : **£47.99**

Hb: 978-1-844-07190-6 : **£135**

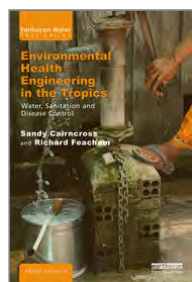
eBook: 978-1-315-88394-6

\* For full contents and more information, visit: [www.routledge.com/9781844071913](http://www.routledge.com/9781844071913)

3RD EDITION

## Environmental Health Engineering in the Tropics

Water, Sanitation and Disease Control



**Sandy Cairncross** London School of Hygiene and Tropical Medicine, UK, **Sir Richard Feachem** Global Health Group, University of California at San Francisco and Berkeley, USA

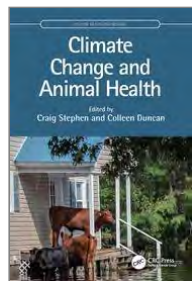
Series: *Earthscan Water Text*

This fully updated third edition of this classic text, widely cited as the most important and useful book for health engineering and disease prevention, describes infectious diseases in tropical and developing countries, and the measures that may be used effectively against them. This third edition includes new sections on arsenic in groundwater supplies and arsenic removal technologies and new material in most chapters including water supplies in developing countries and surface water drainage.

Routledge  
November 2018 : 384pp  
Pb: 978-1-844-07191-3 : **£47.99**  
Hb: 978-1-844-07190-6 : **£135**  
eBook: 978-1-315-88394-6

\* For full contents and more information, visit: [www.routledge.com/9781844071913](http://www.routledge.com/9781844071913)

## Climate Change and Animal Health



Edited by **Craig Stephen** McEachran Institute, Canada, **Colleen Duncan** Colorado State Univ.

Series: *CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press  
November 2022 : 334pp  
Pb: 978-0-367-71201-3 : **£46.99**  
Hb: 978-0-367-71202-0 : **£130**  
eBook: 978-1-003-14977-4

\* For full contents and more information, visit: [www.routledge.com/9780367712013](http://www.routledge.com/9780367712013)

## Ecological Public Health

Reshaping the Conditions for Good Health



**Geoff Rayner** City University London, UK, **Tim Lang** City University London, UK

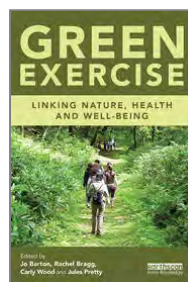
This book, part historical, part prospective, argues that public health needs an overhaul. It should return to and modernise itself around ecological principles. The long tradition of public health has always been reactive, responding to and transforming the relationship between people, their circumstances and the biological world of nature and bodies. The authors show how contemporary public health is shaped by a number of long-term transitions. These transitions are demographic, epidemiological, urban, energy, economic, nutrition, biological, cultural and democracy itself. Facing them all is required if the health of people and the planet are to be integrated. Returning to ecological public health requires stronger and more daring combinations of interdisciplinary work, movements and professions, and a reinvigoration of institutional purpose.

Routledge  
April 2012 : 432pp  
Pb: 978-1-844-07832-5 : **£47.99**  
Hb: 978-1-844-07831-8 : **£165**  
eBook: 978-0-203-13480-1

\* For full contents and more information, visit: [www.routledge.com/9781844078325](http://www.routledge.com/9781844078325)

## Green Exercise

Linking Nature, Health and Well-being



Edited by **Jo Barton** University of Essex, UK, **Rachel Bragg** University of Essex, UK, **Carly Wood** University of Essex, UK, **Jules Pretty** University of Essex, Colchester, UK

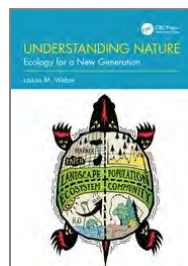
The concept of Green Exercise has now been widely adopted and implies a synergistic health benefit of being active in the presence of nature. This book provides a balanced overview and synthesis text on all aspects of Green Exercise and integrates evidence from many different disciplines including physiology, ecology, psychology, sociology and the environmental sciences, and across a wide range of countries.

Routledge  
June 2016 : 228pp  
Pb: 978-1-138-80765-5 : **£44.99**  
Hb: 978-1-138-80764-8 : **£150**  
eBook: 978-1-315-75094-1

\* For full contents and more information, visit: [www.routledge.com/9781138807655](http://www.routledge.com/9781138807655)

## Understanding Nature

Ecology for a New Generation



**Louise M. Weber** University of Saint Francis, USA

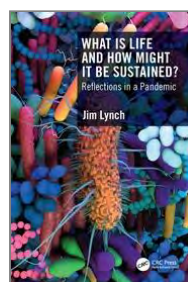
Understanding Nature is a new kind of ecology textbook: a straight-forward resource that teaches natural history and ecological content, and a way to instruct students that will nurture both Earth and self. While meeting the textbook guidelines set forth by the ESA, the book has a unique ecotherapy theme, using a historical framework to teach ecological theory to undergraduates. Presenting all the core information without being wordy or lengthy, Weber uses simple, relatable language and discusses ecology in ways that any student can apply in real life. The book includes traditional ecological knowledge and the history of scientific ecological knowledge.

CRC Press  
May 2023 : 376pp  
Pb: 978-1-032-22260-8 : **£61.99**  
Hb: 978-1-032-22261-5 : **£165**  
eBook: 978-1-003-27183-3

\* For full contents and more information, visit: [www.routledge.com/9781032222608](http://www.routledge.com/9781032222608)

## What Is Life and How Might It Be Sustained?

Reflections in a Pandemic



**Jim Lynch** Univ. of Surrey

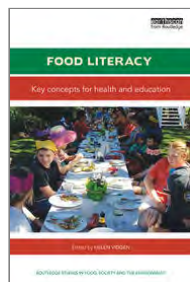
How did the universe and life begin and what are the threats to people and the environment in a pandemic? This book is for anybody with interest in protecting life on the planet. Studies on the origin of life and scientific contributions to safeguarding the planet are examined in light of current thinking on climate change. A major focus is the spread of microbes, put in the context of environmental assessment and management. Lynch shows how failure to control disease can lead to the collapse of any biotic population. To avoid this, the ethics of management of disease by biological control and by vaccination are discussed, at the practical level and in a moral theological context.

CRC Press  
July 2022 : 114pp  
Pb: 978-1-032-27547-5 : **£19.99**  
Hb: 978-1-032-30388-8 : **£35.99**  
eBook: 978-1-003-30484-5

\* For full contents and more information, visit: [www.routledge.com/9781032275475](http://www.routledge.com/9781032275475)

## Food Literacy

Key concepts for health and education



*Edited by* **Helen Vidgen** Queensland University of Technology, Brisbane, Australia

*Series: Routledge Studies in Food, Society and the Environment*

In this book, contributors from Australia, China, United Kingdom and North America provide a review of international research on food literacy and how this can be applied in schools, health care settings and public education and communication at the individual, group and population level. The book gathers current insights and provides a platform for discussion to further understanding and application in this field. It stimulates the reader to conceptualise what food literacy means to their practice and to critically review its potential contribution to a range of outcomes.

Routledge

April 2016 : 262pp

Pb: 978-1-138-89852-3 : **£39.99**

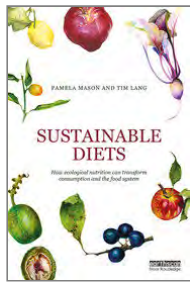
Hb: 978-1-138-89851-6 : **£150**

eBook: 978-1-315-70849-2

\* For full contents and more information, visit: [www.routledge.com/9781138898523](http://www.routledge.com/9781138898523)

## Sustainable Diets

How Ecological Nutrition Can Transform Consumption and the Food System



**Pamela Mason** Independent Researcher, UK, **Tim Lang**  
City University London, UK

The evidence on diet's impact on public health and the environment has grown in recent decades, yet changing food supply, consumer habits and economic aspirations proves hard. This book explores the case for sustainable diets in the Anthropocene. Food production and consumption are key factors in this realignment yet policy makers hesitate to reshape public eating habits and tackle the unsustainability of the global food system. The authors propose a multi-criteria approach to sustainable diets, giving equal weight to nutrition and public health, the environment, socio-cultural issues, food quality, economics and governance.

Routledge

March 2017 : 368pp

Pb: 978-0-415-74472-0 : **£44.99**

Hb: 978-0-415-74470-6 : **£180**

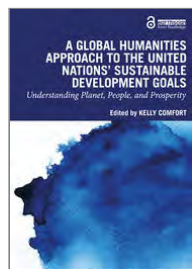
eBook: 978-1-315-80293-0

\* For full contents and more information, visit: [www.routledge.com/9780415744720](http://www.routledge.com/9780415744720)



## A Global Humanities Approach to the United Nations' Sustainable Development Goals

Understanding Planet, People, and Prosperity



Edited by **Kelly Comfort** Georgia Institute of Technology

This textbook explores the 17 UN SDGs through 12 works from the humanities, including films, novels, and photographic collections. It provides students with the knowledge and understanding of how the humanities engage in broader social, political, economic and environmental dialogue. It can be used by students and instructors at undergraduate and postgraduate level from any subject background, particularly, but not exclusively, those in the humanities. Discussion questions, research assignments, writing prompts, and creative project ideas, enable students to gain a nuanced understanding of the social, cultural, ethical, political, economic and environmental factors.

Routledge  
October 2023 : 252pp  
Pb: 978-1-032-48401-3 : **£38.99**  
Hb: 978-1-032-48402-0 : **£145**  
eBook: 978-1-003-38886-9

\* For full contents and more information, visit: [www.routledge.com/9781032484013](http://www.routledge.com/9781032484013)

## Blue Ecocriticism and the Oceanic Imperative



**Sidney I. Dobrin** University of Florida, Gainesville, FL, USA

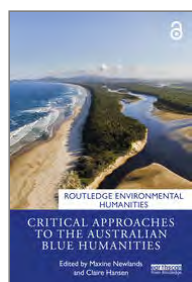
Series: *Routledge Environmental Humanities*

This book initiates a conversation about blue ecocriticism: critical, ethical, cultural, and political positions that emerge from oceanic or aquatic frames of mind rather than traditional land-based approaches. The chapters explore a vast archive of oceanic literature, visual art, television and film, games, theory and criticism. By examining the relationships between these representations of ocean and cultural imaginaries, this book works to unmoor ecocriticism from its land-based anchors. This book aims to simultaneously advance blue ecocriticism as an intellectual pursuit within the environmental humanities and to advocate for ocean conservation as derivative of that pursuit.

Routledge  
March 2021 : 254pp  
Pb: 978-1-138-31527-3 : **£37.99**  
Hb: 978-1-138-31522-8 : **£135**  
eBook: 978-0-429-45646-6

\* For full contents and more information, visit: [www.routledge.com/9781138315273](http://www.routledge.com/9781138315273)

## Critical Approaches to the Australian Blue Humanities



Edited by **Maxine Newlands, Claire Hansen**

Series: *Routledge Environmental Humanities*

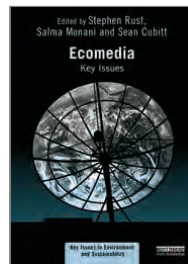
This edited volume explores and analyses the field of the blue humanities through an Australian lens. The blue humanities is a way of understanding humanity's relationship with water and manifestations of what is referred to as the 'blue' – reefs, oceans, rivers, creeks, basins, and inland bodies of water. Contributing to a growing interdisciplinary field, this is the first book to comprehensively examine the blue in Australia, appealing to scholars, educators, and students working across the humanities and social sciences with an interest in the environmental humanities, ecopolitics, ecocriticism, the blue humanities, cultural geography, environmental history, and the role of place.

Routledge  
August 2024 : 246pp  
Pb: 978-1-032-43045-4 : **£38.99**  
Hb: 978-1-032-43049-2 : **£145**  
eBook: 978-1-003-36550-1

\* For full contents and more information, visit: [www.routledge.com/9781032430454](http://www.routledge.com/9781032430454)

## Ecomedia

Key Issues



Edited by **Stephen Rust** University of Oregon, USA, **Salma Monani**, **Sean Cubitt** Goldsmiths, University of London, UK

Series: *Key Issues in Environment and Sustainability*

This comprehensive textbook introduces the burgeoning canon of ecomedia studies to provide an overview of the interface between environmental issues and the media globally. Linking the world of media production, distribution, and consumption to environmental understandings, the book addresses ecological meanings encoded in media texts, the environmental impacts of media production, and the relationships between media and cultural perceptions of the environment. Each chapter provides a theoretical overview of a distinct type of media before engaging with specific case studies.

Routledge  
September 2015 : 274pp  
Pb: 978-1-138-78155-9 : **£47.99**  
Hb: 978-1-138-78153-5 : **£155**  
eBook: 978-1-315-76982-0

\* For full contents and more information, visit: [www.routledge.com/9781138781559](http://www.routledge.com/9781138781559)

## Environing Media



Edited by **Adam Wickberg, Johan Gärdebo**

Series: *Routledge Environmental Humanities*

This edited volume interrogates the role of media technologies in the formation of environments, understood both as physical spaces and epistemological constructs about them. Using the concept of 'environing media', the book advances a deeper understanding of how media processes – defined here as the storage, process, and transmission of data – influence human-Earth relations. *Environing Media* is a timely addition for scholars and upper-level students in environmental humanities and media studies.

Routledge  
August 2022 : 198pp  
Pb: 978-1-032-25382-4 : **£36.99**  
Hb: 978-1-032-25385-5 : **£135**  
eBook: 978-1-003-28289-1

\* For full contents and more information, visit: [www.routledge.com/9781032253824](http://www.routledge.com/9781032253824)

## Epistemic Justice, Mindfulness, and the Environmental Humanities

Reflections on Teaching



**Janelle Adsit**

This book explores how contemplative pedagogies and mindfulness can be used in the classroom to address epistemic and environmental injustice. Written for educators in the environmental humanities and other related disciplines, the chapters interrogate the western uptake of mindfulness practices and suggest anti-colonial and anti-oppressive methods for bringing mindfulness into the classroom. The chapters also discuss what mindfulness practices have to offer to the pursuit of a culturally relevant pedagogy.

Routledge  
November 2021 : 184pp  
Pb: 978-0-367-47962-6 : **£36.99**  
Hb: 978-0-367-47963-3 : **£135**  
eBook: 978-1-003-03743-9

\* For full contents and more information, visit: [www.routledge.com/9780367479626](http://www.routledge.com/9780367479626)

## Introduction to the Environmental Humanities



**J. Andrew Hubbell, John C. Ryan**

This book provides an overview of Environmental Humanities' evolution. The text introduces readers to seminal writings, artworks, campaigns, and movements while demystifying important terms such as the Anthropocene, environmental justice, nature, ecosystem, ecology, posthuman and non-human. Emerging theoretical areas such as critical animal and plant studies, gender and queer studies, Indigenous studies, and energy studies are also presented. Organized by discipline, the book explores the role that the arts and humanities plays in the future of the planet.

Routledge  
September 2021 : 302pp  
Pb: 978-0-815-39193-7 : **£35.99**  
Hb: 978-0-815-39192-0 : **£135**  
eBook: 978-1-351-20035-6

\* For full contents and more information, visit: [www.routledge.com/9780815391937](http://www.routledge.com/9780815391937)

## Naturebot

Unconventional Visions of Nature



**James Barilla**

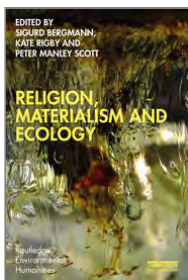
*Series: Routledge Environmental Humanities*

Naturebot: Unconventional Visions of Nature presents a humanities-oriented addition to the literature on biomimetics and bioinspiration, an interdisciplinary field which investigates what it means to mimic nature with technology. Over the course of the book, Barilla applies the narrative conventions of the nature writing genre to this unconventional vision of nature, contrasting the traditional tropes and questions of natural history with an expanding menagerie of creatures that defy conventional categories of natural and artificial.

Routledge  
March 2021 : 198pp  
Pb: 978-0-367-60779-1 : **£41.99**  
Hb: 978-0-367-56751-4 : **£135**  
eBook: 978-1-003-10047-8

\* For full contents and more information, visit: [www.routledge.com/9780367607791](http://www.routledge.com/9780367607791)

## Religion, Materialism and Ecology



*Edited by Sigurd Bergmann Norwegian University of Science and Technology, Norway, Kate Rigby, Peter Manley Scott*

*Series: Routledge Environmental Humanities*

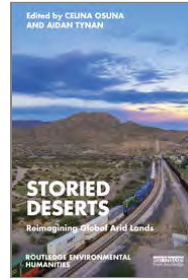
This timely collection of essays by leading international scholars across religious studies and the environmental humanities advances a lively discussion on materialism in its many forms. Drawing on literary and critical theory, and queer, philosophical, theological and social theoretical approaches, this ground-breaking book will make an important contribution to the environmental humanities. It will be a key read for postgraduate students, researchers and scholars in religious studies, cultural anthropology, literary studies, philosophy and environmental studies.

Routledge  
May 2023 : 222pp  
Pb: 978-1-032-34140-8 : **£38.99**  
Hb: 978-1-032-34141-5 : **£135**  
eBook: 978-1-003-32072-2

\* For full contents and more information, visit: [www.routledge.com/9781032341408](http://www.routledge.com/9781032341408)

## Storied Deserts

Reimagining Global Arid Lands



*Edited by Celina Osuna, Aidan Tynan*

*Series: Routledge Environmental Humanities*

Storied Deserts makes a crucial and critical intervention in the field of environmental humanities by showcasing an emerging body of research on desert places from around the world. The volume highlights how the storied matter of the Earth's deserts informs lived realities, environmental histories, cinematic and literary imaginaries, political conflicts, and even intellectual categories such as 'the human' and 'the elemental'. It shows that reimagining desert places can help us to grapple with the epochal challenges of the Anthropocene. It is an important and engaging collection for scholars and students across disciplines that helps establish the value of desert humanities.

Routledge  
June 2024 : 264pp  
Pb: 978-1-032-50179-6 : **£38.99**  
Hb: 978-1-032-50181-9 : **£145**  
eBook: 978-1-003-39721-2

\* For full contents and more information, visit: [www.routledge.com/9781032501796](http://www.routledge.com/9781032501796)

## The Future Designer

Anthropology Meets Innovation in Search of Sustainable Design



**Michael Leube**

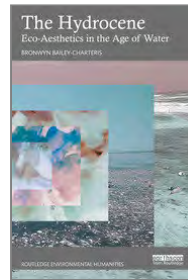
This book adopts a unique approach to Design, blending anthropological perspectives with philosophy and cognitive science, and advocates for a thorough transformation of the existing design curriculum. It book presents a blueprint for fostering more sustainable patterns of production and consumption, grounded in human virtues, and proposes a new curriculum tailored towards prosociality and sustainability. The book will be useful for those studying and teaching design and anthropology, and it will also be an important tool for practicing designers and engineers interested in learning how to design for social and ecological awareness.

Routledge  
June 2024 : 286pp  
Pb: 978-1-032-73553-5 : **£38.99**  
Hb: 978-1-032-73555-9 : **£145**  
eBook: 978-1-003-46475-4

\* For full contents and more information, visit: [www.routledge.com/9781032735535](http://www.routledge.com/9781032735535)

## The Hydrocene

Eco-Aesthetics in the Age of Water



**Bronwyn Bailey-Charteris**

*Series: Routledge Environmental Humanities*

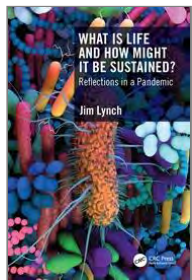
This book challenges conventional notions of the Anthropocene and champions the Hydrocene: the Age of Water. It presents the Hydrocene as disruptive, conceptual epoch and curatorial theory, emphasising water's pivotal role in the climate crisis and contemporary art. It urgently highlights the transformative power of eco-visionary artists in reshaping human-water relations. At the confluence of contemporary art, curatorial theory, climate concerns and environmental humanities, this is essential reading for researchers, curators, artists, students and anyone seeking to reconsider their connection with water and advocate for climate justice.

Routledge  
May 2024 : 206pp  
Pb: 978-1-032-50132-1 : **£38.99**  
Hb: 978-1-032-50194-9 : **£145**  
eBook: 978-1-003-39730-4

\* For full contents and more information, visit: [www.routledge.com/9781032501321](http://www.routledge.com/9781032501321)

## What Is Life and How Might It Be Sustained?

Reflections in a Pandemic



**Jim Lynch** Univ. of Surrey

How did the universe and life begin and what are the threats to people and the environment in a pandemic? This book is for anybody with interest in protecting life on the planet. Studies on the origin of life and scientific contributions to safeguarding the planet are examined in light of current thinking on climate change. A major focus is the spread of microbes, put in the context of environmental assessment and management. Lynch shows how failure to control disease can lead to the collapse of any biotic population. To avoid this, the ethics of management of disease by biological control and by vaccination are discussed, at the practical level and in a moral theological context.

CRC Press

July 2022 : 114pp

Pb: 978-1-032-27547-5 : **£19.99**

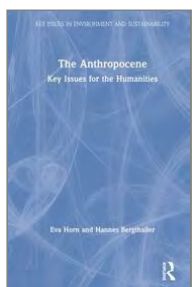
Hb: 978-1-032-30388-8 : **£35.99**

eBook: 978-1-003-30484-5

\* For **full contents** and more information, visit: [www.routledge.com/9781032275475](http://www.routledge.com/9781032275475)

## The Anthropocene

Key Issues for the Humanities



**Eva Horn , Hannes Bergthaller**

*Series: Key Issues in Environment and Sustainability*

This book is an introduction to, and structured survey of, the attempts that have been made to take the measure of the Anthropocene, and explores some of the paradigmatic problems which it raises.

Routledge

October 2019 : 192pp

Pb: 978-1-138-34247-7 : **£36.99**

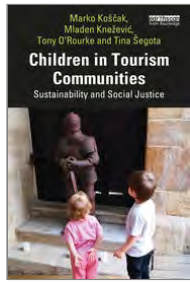
Hb: 978-1-138-34246-0 : **£135**

eBook: 978-0-429-43973-5

\* For **full contents** and more information, visit: [www.routledge.com/9781138342477](http://www.routledge.com/9781138342477)

## Children in Tourism Communities

Sustainability and Social Justice



**Marko Koščak, Mladen Knežević, Tony O'Rourke, Tina Šegota**

This book explores how children living in tourism destinations are particularly susceptible to the impacts of tourism and how they can be included in public policies, programmes and decision-making. The book is based on original, ground-breaking research with a specific focus on sustainable tourism and development, and it encourages a rethinking of sustainability as a concept and demonstrates how tourism can be utilised as a tool for achieving the sustainable development goals. This will be an important text for students, academics, and instructors in sustainable tourism and development, destination management, culture and heritage, as well as practitioners in these areas.

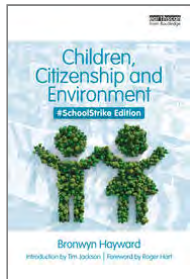
Routledge  
May 2024 : 228pp  
Pb: 978-1-032-44874-9 : **£38.99**  
Hb: 978-1-032-44876-3 : **£145**  
eBook: 978-1-003-37429-9

\* For full contents and more information, visit: [www.routledge.com/9781032448749](http://www.routledge.com/9781032448749)

2ND EDITION

## Children, Citizenship and Environment

#SchoolStrike Edition



**Bronwyn Hayward**

When it was first published in 2012, Children, Citizenship and Environment correctly predicted a strong surge in youth activism. Nearly a decade on, while the experience of a world pandemic may have interrupted the rise of youthful street activism, it has also served to underscore the problems of deepening inequality and the risks of increasingly authoritarian government responses which young citizens must also confront. This groundbreaking book will be of interest to teachers and professionals who work in Environmental Citizenship Education, as well as students and community activists with an interest in environmental change, democracy and intergenerational justice.

Routledge  
October 2020 : 284pp  
Pb: 978-0-367-42963-8 : **£32.99**  
Hb: 978-0-367-42962-1 : **£135**  
eBook: 978-1-003-00039-6

\* For full contents and more information, visit: [www.routledge.com/9780367429638](http://www.routledge.com/9780367429638)

## Covid-19 and Global Inequalities

Vulnerable Humans



**Victor Jeleniewski Seidler**

*Series: Routledge Studies in Environment and Health*

This timely and powerful autoethnography traces the spread of and responses to Covid-19. It explores the fears, risks, and responses to the global pandemic. It scrutinises values, ethics, responsibilities, and uncertain futures formed by the global health crisis, and evaluates media and communications strategies, government responses, and political communications at domestic and international levels. It will appeal to a broad academic readership in environmental studies, sociology, philosophy, health studies, cultural studies, gender studies, media, and communication.

Routledge  
March 2024 : 272pp  
Pb: 978-1-032-28447-7 : **£39.99**  
Hb: 978-1-032-28445-3 : **£135**  
eBook: 978-1-003-29687-4

\* For full contents and more information, visit: [www.routledge.com/9781032284477](http://www.routledge.com/9781032284477)

## Environmental Justice

Key Issues



*Edited by Brendan Coolsaet*

*Series: Key Issues in Environment and Sustainability*

This book offers a comprehensive overview of the field of environmental justice. Written by leading international experts from a variety of professional, geographic, ethnic and disciplinary backgrounds, its chapters combine authoritative commentary with real-life cases. Organised into four parts – approaches, issues, actors and future directions – the chapters help the reader to understand the foundations of the field, including the principal concepts, debates and historical milestones. This book is the ideal toolkit for junior researchers, graduate students, upper-level undergraduates and anyone in need of a comprehensive introductory textbook on environmental justice.

Routledge  
July 2020 : 364pp  
Pb: 978-0-367-13993-3 : **£35.99**  
Hb: 978-0-367-13992-6 : **£135**  
eBook: 978-0-429-02958-5

\* For full contents and more information, visit: [www.routledge.com/9780367139933](http://www.routledge.com/9780367139933)

## Environmental Justice in the Anthropocene

From (Un)Just Presents to Just Futures



*Edited by Stacia Ryder, Kathryn Powlen, Melinda Laituri, Stephanie A. Malin, Joshua Sbicca, Dimitris Stevis*

*Series: Routledge Studies in Environmental Justice*

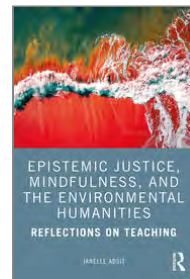
Through various international case studies presented by both practitioners and scholars, Environmental Justice in the Anthropocene explores how an environmental justice approach is necessary for reflections on inequality in the Anthropocene and for forging societal transitions toward a more just and sustainable future. The contributors focus on a critical approach to power and issues of environmental injustice across time, space, and context—drawing from twelve national contexts: Austria, Bangladesh, Chile, China, India, Nicaragua, Hungary, Mexico, Brazil, Sweden, Tanzania, and the United States.

Routledge  
June 2021 : 358pp  
Pb: 978-0-367-90288-9 : **£36.99**  
Hb: 978-0-367-90294-0 : **£135**  
eBook: 978-1-003-02360-9

\* For full contents and more information, visit: [www.routledge.com/9780367902889](http://www.routledge.com/9780367902889)

## Epistemic Justice, Mindfulness, and the Environmental Humanities

Reflections on Teaching



**Janelle Adsit**

This book explores how contemplative pedagogies and mindfulness can be used in the classroom to address epistemic and environmental injustice. Written for educators in the environmental humanities and other related disciplines, the chapters interrogate the western uptake of mindfulness practices and suggest anti-colonial and anti-oppressive methods for bringing mindfulness into the classroom. The chapters also discuss what mindfulness practices have to offer to the pursuit of a culturally relevant pedagogy.

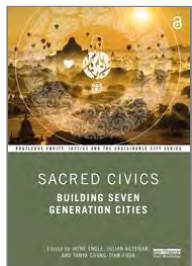
Routledge  
November 2021 : 184pp  
Pb: 978-0-367-47962-6 : **£36.99**  
Hb: 978-0-367-47963-3 : **£135**  
eBook: 978-1-003-03743-9

\* For full contents and more information, visit: [www.routledge.com/9780367479626](http://www.routledge.com/9780367479626)



## Sacred Civics

Building Seven Generation Cities



*Edited by Jayne Engle, Julian Agyeman, Tanya Chung-Tiam-Fook*

*Series: Routledge Equity, Justice and the Sustainable City series*

Sacred Civics argues that societal transformation requires that spirituality and sacred values are essential to reimagining patterns of how we live, organize and govern ourselves, determine and distribute wealth, inhabit and design cities, and construct relationships. The book brings together transdisciplinary and global academics, professionals and activists to question assumptions that are fused deep into the code of how societies operate, and to draw on wisdom from Indigenous traditions. A must-read for anyone interested in intersectional discussions on social justice, inclusivity, participatory design, healthy communities and future cities.

Routledge

May 2022 : 272pp

Pb: 978-1-032-05911-2 : **£32.99**

Hb: 978-1-032-05910-5 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9781032059112](http://www.routledge.com/9781032059112)

## Sustainable Action

Overcoming the Barriers



**Christian Berg**

*Series: Routledge Studies in Sustainability*

Sustainable Action surveys all the fields involved in sustainability to provide action principles which speak to actors of different kinds, not just those professionally mandated with such changes. It offers a road map to all those who might not constantly think about systems change but who are concerned and want to contribute to a sustainable future in a meaningful way. This book will be of great interest to students and scholars of sustainability issues, as well as those looking for a framework for how to change their systems at work to impact the quadruple bottom line: environment, economy, society, and future generations.

Routledge

November 2019 : 318pp

Pb: 978-0-367-18321-9 : **£41.99**

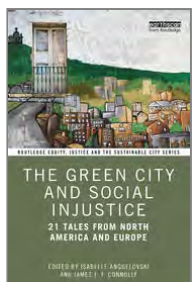
Hb: 978-0-367-18320-2 : **£135**

eBook: 978-0-429-06078-6

\* For full contents and more information, visit: [www.routledge.com/9780367183219](http://www.routledge.com/9780367183219)

## The Green City and Social Injustice

21 Tales from North America and Europe



*Edited by Isabelle Anguelovski, James J. T. Connolly*

*Series: Routledge Equity, Justice and the Sustainable City series*

This book examines the recent urban environmental trajectory of twenty-one cities in Europe and North America over a 20 year period. Based on fieldwork in ten countries, and on analysis of core planning, policy, and activist documents and data, the book offers a critical view of the growing green planning orthodoxy in the Global North. It highlights the entanglements of this tenet with neoliberal municipal policies including budget cuts for community initiatives, long-term green spaces, and housing for the most fragile residents; and the focus on large-scale urban redevelopment and high-end real estate investment.

Routledge

November 2021 : 360pp

Pb: 978-1-032-02411-0 : **£36.99**

Hb: 978-1-032-02413-4 : **£135**

eBook: 978-1-003-18327-3

\* For full contents and more information, visit: [www.routledge.com/9781032024110](http://www.routledge.com/9781032024110)

## Environmental Law Across Cultures

Comparisons for Legal Practice



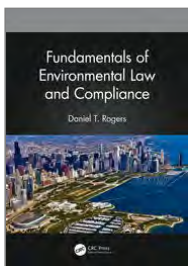
*Edited by* **Kirk W. Junker** University of Cologne, Germany

This book provides a practical, functional comparison among various institutions, tools, implementation practices and norms in environmental law across legal cultures. The book is aimed at advanced undergraduate and postgraduate students of environmental law as well as researchers and practitioners.

Routledge  
December 2019 : 298pp  
Pb: 978-0-367-02826-8 : **£37.99**  
Hb: 978-0-367-02825-1 : **£135**  
eBook: 978-0-429-39761-5

\* For full contents and more information, visit: [www.routledge.com/9780367028268](http://www.routledge.com/9780367028268)

## Fundamentals of Environmental Law and Compliance



**Daniel Rogers**

This textbook provides readers with the fundamentals and the intent of environmental regulations so that compliance can be greatly improved and streamlined. Through numerous examples and case studies it explains concepts from how environmental laws are applied and work, to why pollution prevention and sustainability are critical for the future of all life on Earth. It is organized to accommodate different needs for students with different backgrounds and career choices. It is also useful for site safety managers, research technicians, and other young professionals wanting to apply environmental regulations to their facilities and staying up to date on recently changed regulations.

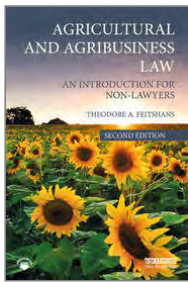
CRC Press  
August 2024 : 460pp  
Pb: 978-1-032-00804-2 : **£45.99**  
Hb: 978-1-032-00678-9 : **£105**  
eBook: 978-1-003-17581-0

\* For full contents and more information, visit: [www.routledge.com/9781032008042](http://www.routledge.com/9781032008042)

2ND EDITION

## Agricultural and Agribusiness Law

An Introduction for Non-Lawyers



**Theodore A. Feitshans** North Carolina State University,  
USA

This introductory textbook provides an overview of the concepts necessary for an understanding of agricultural and agribusiness law. The text will help students of land-based industries with little or no legal background to appreciate and identify issues that may require referral or consultation with legal counsel. This new edition is full revised and updated, particularly addressing developments in taxation and trade, and includes a new chapter on criminal law, an area of increasing relevance to agriculture.

Routledge

March 2019 : 346pp

Pb: 978-1-138-60610-4 : **£49.99**

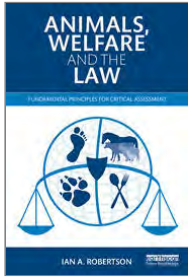
Hb: 978-1-138-60603-6 : **£135**

eBook: 978-0-429-46783-7

\* For full contents and more information, visit: [www.routledge.com/9781138606104](http://www.routledge.com/9781138606104)

## Animals, Welfare and the Law

Fundamental Principles for Critical Assessment



**Ian A. Robertson**

In this objective, practical and authoritative introductory text the author reveals how the fundamental principles of the human-animal relationship drive the development of animal law. The author identifies 29 key principles which constitute the core knowledge necessary for informing animal welfare law. The book also considers animal welfare and law in the context of a global market through discussion of common issues such as climate change, biosecurity, food safety and food supply. It book combines insights from science, ethics and law to provide an essential understanding of what informs society and the law with regards to animals and their welfare.

Routledge

July 2015 : 300pp

Pb: 978-0-415-53563-2 : **£47.99**

Hb: 978-0-415-53562-5 : **£165**

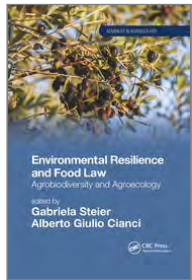
eBook: 978-0-203-11231-1

\* For full contents and more information, visit: [www.routledge.com/9780415535632](http://www.routledge.com/9780415535632)



## Environmental Resilience and Food Law

Agrobiodiversity and Agroecology



*Edited by* **Gabriela Steier, Alberto Giulio Cianci**

Agrobiodiversity and agroecology go hand-in-hand in promoting environmental resilience in international food systems, and climate change resilient food policy. This book contextualizes how various legal frameworks address agrobiodiversity and agroecology for audiences of students, practitioners, and scholars. Some chapters focus on the legal regulation of agroecology from a food law perspective. Others are geared toward providing regulators, lawmakers and attorneys with the scientific and policy background of those concepts, so that they are equipped to realize ideals and goals from the field of food law in everyday practice and policy.

CRC Press

June 2022 : 208pp

Pb: 978-1-032-33807-1 : **£45.99**

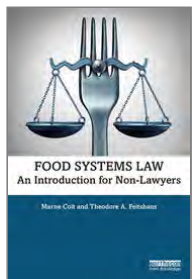
Hb: 978-1-138-33606-3 : **£165**

eBook: 978-0-429-44335-0

\* For **full contents** and more information, visit: [www.routledge.com/9781032338071](http://www.routledge.com/9781032338071)

## Food Systems Law

An Introduction for Non-Lawyers



**Marne Coit, Theodore A. Feitshans**

This introductory textbook provides an overview of US food law and regulations, providing the reader with a more comprehensive understanding of food systems. Chapters include explanations of key topics including food safety, food labelling, organic certification and food waste, with examples from US law and policy included. Geared towards a non-legal audience, it is aimed at students of food science and studies, as well as agricultural law, food policy and environmental law, plus professionals in the food industry.

Routledge

July 2020 : 214pp

Pb: 978-1-138-38689-1 : **£35.99**

Hb: 978-1-138-38687-7 : **£135**

eBook: 978-0-429-42654-4

\* For **full contents** and more information, visit: [www.routledge.com/9781138386891](http://www.routledge.com/9781138386891)

## Environmental Lobbying at the United Nations

A Guide to Protecting Our Planet



**Felix Dodds** University of North Carolina & Tellus Institute, USA, **Chris Spence**

This book provides a step-by-step, insiders' guide on how to lobby and engage successfully at the United Nations (UN). It reveals how the UN, which plays such a key role on issues from climate change to pollution of our air, land and sea, really works. Drawing on interviews with other experts, as well as training materials that have been produced by the authors, this book demystifies what to many outsiders can seem like an opaque and confusing world. This book is an essential resource for individuals and organisations entering the world of the UN for the first time, as well as those looking to gain a deeper understanding of how the world of international diplomacy really works.

Routledge

June 2025 : 206pp

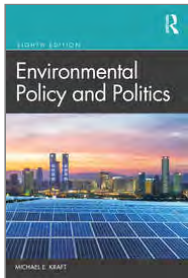
Pb: 978-1-032-59746-1 : **£32.99**

Hb: 978-1-032-59748-5 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9781032597461](http://www.routledge.com/9781032597461)

8TH EDITION

## Environmental Policy and Politics



**Michael E. Kraft** University of Wisconsin, Green Bay

Now in its eighth edition, Michael E. Kraft has updated his definitive text to capture the changing nature of environmental problems as well as policy proposals made through 2020. Drawing from work within environmental science, policy analysis, and political science, this text continues to help readers think critically about how best to address problems through various public policy tools and strategies at all levels of government. Environmental Policy and Politics is an essential resource for upper level undergraduate and graduate students in political science and environmental studies looking for an accessible, well-researched and up-to-date text, written with style and flair

Routledge

July 2021 : 416pp

Pb: 978-0-367-61735-6 : **£71.99**

Hb: 978-0-367-61737-0 : **£180**

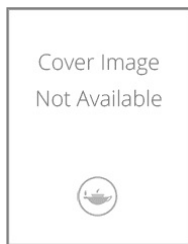
eBook: 978-1-003-10626-5

\* For full contents and more information, visit: [www.routledge.com/9780367617356](http://www.routledge.com/9780367617356)

3RD EDITION

## Environmental Policy and Public Health

Two Volume Set



**Barry L. Johnson** Emory University, USA, **Maureen Y. Lichtveld** University of Pittsburgh, USA

This new edition of "Environmental Policy and Public Health" comprises two volumes, addressing key physical hazards in the environment that impact public health. The first volume on "Principal Health Hazards and Mitigation" is complemented by Volume 2, "Emerging Health Hazards and Mitigation." Volume 1 describes how the quality of air, water, and food are threatened by the presence of toxic substances and explains why climate change is a global health priority already impacting human health and the environment. Volume 2 discusses emerging health hazards and mitigation including environment-related infectious diseases, COVID 19 pandemic, social justice, and drugs and public health.

CRC Press  
May 2024 : 760pp  
Pb: 978-1-032-08031-4 : **£59.99**  
Hb: 978-1-032-08028-4 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9781032080314](http://www.routledge.com/9781032080314)

3RD EDITION

## Introduction to Emergency Management and Disaster Science



**Brenda D. Phillips** Ohio University, Chillicothe, USA, **David M. Neal** Oklahoma State University, Stillwater, USA, **Gary R. Webb** University of North Texas, Denton, USA

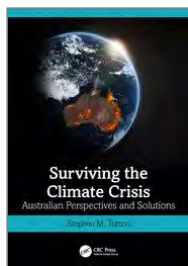
A definitive resource, the Introduction to Emergency Management and Disaster Science presents the essentials to better understand and manage disasters. The third edition of this popular text has been revised and updated to provide a substantively enriched and evidence-based guide for students and emerging professionals. The new emphasis on disaster science places it at the forefront of a rapidly evolving field. The Introduction to Emergency Management and Disaster Science is a must-have textbook for graduate and undergraduate students and is also an excellent source of information for researchers and professionals.

Routledge  
December 2021 : 364pp  
Pb: 978-0-367-89899-1 : **£54.99**  
Hb: 978-0-367-89900-4 : **£165**  
eBook: 978-1-003-02191-9

\* For full contents and more information, visit: [www.routledge.com/9780367898991](http://www.routledge.com/9780367898991)

## Surviving the Climate Crisis

Australian Perspectives and Solutions



**Stephen M. Turton** Central Queensland Univ.

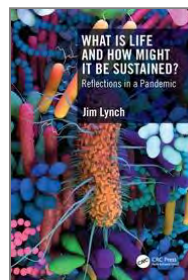
This is the first textbook to adopt an integrated perspective of climate change in Australia, drawing on research from the latest IPCC (2021, 2022) Sixth Assessment Reports. Australia has been identified by a number of respected sources as a 'climate change hotspot', with all major sectors of the economy considered vulnerable or highly vulnerable to the anticipated adverse impacts of climate change. Ideal for advanced undergraduate and graduate students with limited science backgrounds, this book will inform those undertaking business, management, sustainability, education, environmental, development or heritage studies and other social science programs.

CRC Press  
December 2022 : 256pp  
Pb: 978-1-032-03947-3 : **£35.99**  
Hb: 978-1-032-03953-4 : **£89.99**  
eBook: 978-1-003-18990-9

\* For full contents and more information, visit: [www.routledge.com/9781032039473](http://www.routledge.com/9781032039473)

## What Is Life and How Might It Be Sustained?

Reflections in a Pandemic



**Jim Lynch** Univ. of Surrey

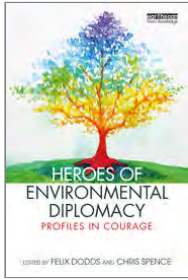
How did the universe and life begin and what are the threats to people and the environment in a pandemic? This book is for anybody with interest in protecting life on the planet. Studies on the origin of life and scientific contributions to safeguarding the planet are examined in light of current thinking on climate change. A major focus is the spread of microbes, put in the context of environmental assessment and management. Lynch shows how failure to control disease can lead to the collapse of any biotic population. To avoid this, the ethics of management of disease by biological control and by vaccination are discussed, at the practical level and in a moral theological context.

CRC Press  
July 2022 : 114pp  
Pb: 978-1-032-27547-5 : **£19.99**  
Hb: 978-1-032-30388-8 : **£35.99**  
eBook: 978-1-003-30484-5

\* For full contents and more information, visit: [www.routledge.com/9781032275475](http://www.routledge.com/9781032275475)

## Heroes of Environmental Diplomacy

Profiles in Courage



*Edited by* **Felix Dodds , Chris Spence**

Today more than ever, when the world is beset by environmental, social, healthcare, and economic challenges, we need courage in our politics, both nationally and globally. Presenting an uplifting and gripping narrative, this book is an invaluable resource for students, scholars, activists and professionals who are seeking to understand how consensus is reached in these global meetings and how individuals can have a genuine impact on preserving our planet and reinforcing the positive message that global cooperation can actually work.

Routledge

June 2022 : 218pp

Pb: 978-1-032-06544-1 : **£22.99**

Hb: 978-1-032-06547-2 : **£135**

eBook: 978-1-003-20274-5

\* For full contents and more information, visit: [www.routledge.com/9781032065441](http://www.routledge.com/9781032065441)

## Landscape Citizenships



*Edited by* **Tim Waterman** The Bartlett School of Architecture, University College London, UK, **Jane Wolff**, **Ed Wall**

This book, featuring work by academics from North America, Europe, and the Middle East, extends the growing body of thought and research in landscape democracy and landscape justice. Grounded in the discourses of ecological, environmental, watershed, and bioregional citizenships, this edited collection evaluates belonging through the idea of landscape as landship which describes substantive, mutually constitutive relations between people and place. With a strong international focus across fourteen chapters, it delves into key topics such as marginalization, indigeneity, globalization, politics, and the environment, before finishing with an epilogue written by Kenneth R. Olwig.

Routledge

June 2021 : 320pp

Pb: 978-0-367-47882-7 : **£36.99**

Hb: 978-0-367-47883-4 : **£135**

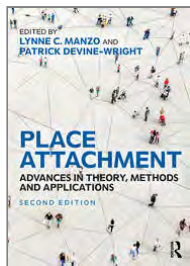
eBook: 978-1-003-03716-3

\* For full contents and more information, visit: [www.routledge.com/9780367478827](http://www.routledge.com/9780367478827)

2ND EDITION

## Place Attachment

Advances in Theory, Methods and Applications



*Edited by* **Lynne Manzo** University of Washington, USA, **Patrick Devine-Wright** Exeter University, UK

Following on from the ground-breaking first edition, which received the 2014 EDRA Achievement Award, this fully updated text includes new chapters on current issues in the built environment such as GIS and mapping, climate change, and qualitative approaches. This important volume offers the most current understandings about place attachment, a critical concept for the environmental social sciences and placemaking professions.

Routledge

December 2020 : 286pp

Pb: 978-0-367-22349-6 : **£43.99**

Hb: 978-0-367-22347-2 : **£135**

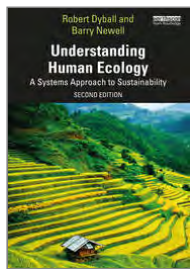
eBook: 978-0-429-27444-2

\* For full contents and more information, visit: [www.routledge.com/9780367223496](http://www.routledge.com/9780367223496)

2ND EDITION

## Understanding Human Ecology

A Systems Approach to Sustainability



**Robert Dyball**, **Barry Newell**

Understanding Human Ecology offers a coherent conceptual framework for human ecology – a clear approach for understanding the many systems we are part of and for how we frame and understand the problems we face. Blending Fully updated for the second edition, the book now goes further in using systems-thinking principles to explain fundamental ecological and social processes and articulates a framework that systematically explores the links between these fields. This new edition is essential reading for students and scholars of human ecology, environmental ethics, and sustainability studies.

Routledge

June 2023 : 240pp

Pb: 978-0-367-24569-6 : **£35.99**

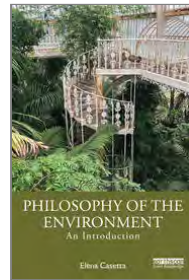
Hb: 978-0-367-24568-9 : **£135**

eBook: 978-0-429-28321-5

\* For full contents and more information, visit: [www.routledge.com/9780367245696](http://www.routledge.com/9780367245696)

## Philosophy of the Environment

An Introduction



**Elena Casetta**

This textbook offers a reasoned and accessible introduction to the philosophy of the environment and the current environmental crisis, designed for scholars and students in both philosophy and the natural and environmental sciences. It addresses the history and meanings of the concept of "environment", provides a theory of the relation between living beings and their environments, and tackles a wide spectrum of key philosophical issues related to the environment and the environmental crisis in a straightforward framework and accessible style. Targeted at students, scholars, and junior researchers, the book distinguishes itself through its approachable style and choice of topics.

Routledge

December 2024 : 182pp

Pb: 978-1-032-76687-4 : **£35.99**

Hb: 978-1-032-76690-4 : **£135**

eBook: 978-1-003-47964-2

\* For full contents and more information, visit: [www.routledge.com/9781032766874](http://www.routledge.com/9781032766874)

## Environmental Sociology and Social Transformation

Key Issues



**Magnus Boström , Rolf Lidskog**

*Series: Key Issues in Environment and Sustainability*

Environmental Sociology and Social Transformation demonstrates how sociological theory and research are critical for understanding the social drivers of global environmental destruction and the conditions for transformative change.

Routledge

June 2024 : 212pp

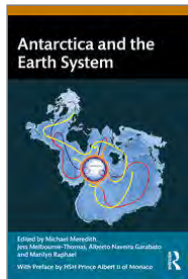
Pb: 978-1-032-60653-8 : **£37.99**

Hb: 978-1-032-60655-2 : **£145**

eBook: 978-1-032-62818-9

\* For full contents and more information, visit: [www.routledge.com/9781032606538](http://www.routledge.com/9781032606538)

## Antarctica and the Earth System



*Edited by* **Michael Meredith , Jess Melbourne-Thomas , Alberto Naveira Garabato , Marilyn Raphael**

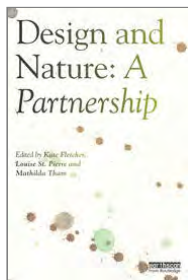
This book presents a state-of-the-art overview of the role that Antarctica and the Southern Ocean play as integral parts of the Earth System. This book examines how Antarctica and the Southern Ocean are connected to the rest of the planet, and what these connections mean for the future of Planet Earth and all its inhabitants. It transcends traditional disciplinary boundaries to explore this role across physical, ecological, political and social systems. Antarctica and the Earth System will be of great interest to a wide range of interdisciplinary students and scholars of Earth sciences, Antarctic studies, polar science and environmental management.

Routledge  
March 2025 : 352pp  
Pb: 978-1-032-50086-7 : **£59.99**  
Hb: 978-1-032-52081-0 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032500867](http://www.routledge.com/9781032500867)

## Design and Nature

A Partnership



*Edited by* **Kate Fletcher , Louise St. Pierre , Mathilda Tham**

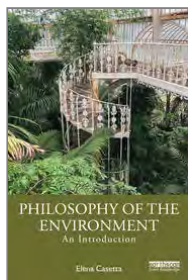
Organised as a dialogue between nature and design, this book explores design ideas, opportunities, visions and practices through relating and uncovering experience of the natural world. Presented as an edited collection of 25 wide-ranging short chapters, the book explores the possibility of new relations between design and nature, beyond human mastery and understandings of nature as resource and by calling into question the longstanding role for design as agent of capitalism. Design and Nature: A Partnership is a rich resource for designers who wish to learn to engage with sustainability from the ground up.

Routledge  
September 2019 : 216pp  
Pb: 978-0-815-36274-6 : **£37.99**  
Hb: 978-0-815-36273-9 : **£135**  
eBook: 978-1-351-11151-5

\* For full contents and more information, visit: [www.routledge.com/9780815362746](http://www.routledge.com/9780815362746)

## Philosophy of the Environment

An Introduction



**Elena Casetta**

This textbook offers a reasoned and accessible introduction to the philosophy of the environment and the current environmental crisis, designed for scholars and students in both philosophy and the natural and environmental sciences. It addresses the history and meanings of the concept of "environment", provides a theory of the relation between living beings and their environments, and tackles a wide spectrum of key philosophical issues related to the environment and the environmental crisis in a straightforward framework and accessible style. Targeted at students, scholars, and junior researchers, the book distinguishes itself through its approachable style and choice of topics.

Routledge  
December 2024 : 182pp  
Pb: 978-1-032-76687-4 : **£35.99**  
Hb: 978-1-032-76690-4 : **£135**  
eBook: 978-1-003-47964-2

\* For full contents and more information, visit: [www.routledge.com/9781032766874](http://www.routledge.com/9781032766874)

## Waste: The Basics



**Myra J. Hird**

*Series: The Basics*

This book answers the questions: why are we facing a global waste crisis, and how can we effectively solve it? It identifies the most common types of waste, its major producers, how we manage waste locally, regionally and globally, and why this management is leading to more waste. It unpacks the complex relationship that waste has with global structures of capitalism, neoliberalism, international trade, poverty, racialized and gendered relations, and social injustice. Waste is written for students and general readers interested in waste as a human health and environmental issue, and anyone curious about where objects go once we put them in the trash or recycling bin.

Routledge  
March 2025 : 172pp  
Pb: 978-1-032-50424-7 : **£18.99**  
Hb: 978-1-032-50428-5 : **£84.99**

\* For full contents and more information, visit: [www.routledge.com/9781032504247](http://www.routledge.com/9781032504247)



## Environmentalism: An Evolutionary Approach



**Douglas Spieles** Denison University, USA

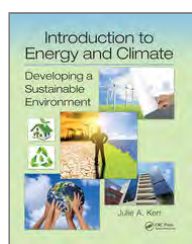
The premise of this book is that environmental dilemmas are products of biological and sociocultural evolution, and that through an understanding of evolution we can reframe debates of thought and action. The purpose is to explain the variety of environmental worldviews, their origins, commonalities, points of contention, and their implications for the modern environmental movement. Aimed at students taking courses in environmental studies, it brings clarity to a complex array of ideas and concepts of environmentalism.

Routledge  
December 2017 : 254pp  
Pb: 978-1-138-50242-0 : **£47.99**  
Hb: 978-1-138-50241-3 : **£150**  
eBook: 978-1-315-14491-7

\* For full contents and more information, visit: [www.routledge.com/9781138502420](http://www.routledge.com/9781138502420)

## Introduction to Energy and Climate

Developing a Sustainable Environment



**Julie Kerr**

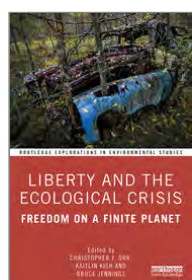
The purpose of this textbook is to provide a well-rounded working knowledge of both climate change and environmental sustainability for a wide range of students. Students will learn core concepts and methods to analyze energy and environmental impacts; will understand what is changing the earth's climate, and what that means for life on earth now and in the future. They will also have a firm understanding of what energy is and how it can be used. This text intends to develop working knowledge of these topics, with both technical and social implications. Students will find in one volume the integration and careful treatment of climate, energy, and sustainability.

CRC Press  
December 2019 : 484pp  
Pb: 978-0-367-87888-7 : **£49.99**  
Hb: 978-1-498-77439-0 : **£135**  
eBook: 978-1-315-15188-5

\* For full contents and more information, visit: [www.routledge.com/9780367878887](http://www.routledge.com/9780367878887)

## Liberty and the Ecological Crisis

Freedom on a Finite Planet



*Edited by* **Christopher J. Orr, Kaitlin Kish, Bruce Jennings**

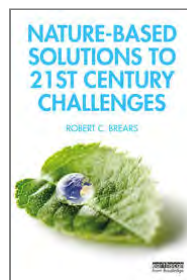
*Series: Routledge Explorations in Environmental Studies*

This book examines the concept of liberty in relation to civilization's ability to live within ecological limits. Mapping out new ways forward for long term ecological well-being, this book is essential reading for students and scholars of ecology, environmental ethics, politics and sociology and for the wider audience interested in the human-earth relationship and global sustainability.

Routledge  
December 2019 : 290pp  
Pb: 978-0-367-34677-5 : **£43.99**  
Hb: 978-0-367-33933-3 : **£135**  
eBook: 978-0-429-32710-0

\* For full contents and more information, visit: [www.routledge.com/9780367346775](http://www.routledge.com/9780367346775)

## Nature-Based Solutions to 21st Century Challenges



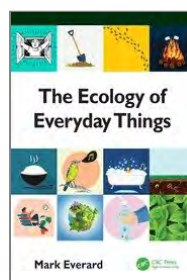
**Robert C. Brears**

This book provides a systematic review of nature-based solutions and their potential to address current environmental challenges. This book systematically reviews nature-based solutions from a public policy angle, assessing policy developments which encourage the implementation of nature-based solutions to address societal challenges while simultaneously providing human well-being and biodiversity benefits. It will be of great interest to policymakers, practitioners and researchers involved in nature-based solutions, sustainable urban planning, environmental management and sustainable development generally.

Routledge  
April 2020 : 352pp  
Pb: 978-0-367-26689-9 : **£37.99**  
Hb: 978-0-367-26617-2 : **£135**  
eBook: 978-0-429-29460-0

\* For full contents and more information, visit: [www.routledge.com/9780367266899](http://www.routledge.com/9780367266899)

## The Ecology of Everyday Things



**Mark Everard** University of the West of England, UK

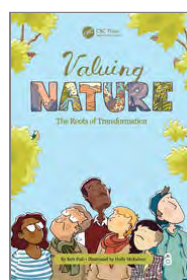
For many people, ecosystems may be a remote concept, yet we eat, drink, breathe and interface with them in every moment of our lives. In this engaging textbook, ecosystems scientist Dr Mark Everard considers a diversity of 'everyday things', including fascinating facts about their ecological origins: from the tea we drink, to things we wear, read and enjoy, to the ecology of communities and space flight, and the important roles played by germs and 'unappealing creatures' such as slugs and wasps. Ideal for use in undergraduate and school level teaching, it will also interest, educate, engage and enthuse a wide range of less technical audiences.

CRC Press  
December 2020 : 178pp  
Pb: 978-0-367-63631-9 : **£19.99**  
Hb: 978-0-367-63634-0 : **£53.99**  
eBook: 978-1-003-12005-6

\* For full contents and more information, visit: [www.routledge.com/9780367636319](http://www.routledge.com/9780367636319)

## Valuing Nature

The Roots of Transformation



**Robert Fish, Holly McKelvey**

This graphic novel-style textbook takes the reader on an exploration of the issues that arise from the growing interest in the valuation of nature. A 'motley' group of undergraduates are trying to complete a university assignment on 'nature in the modern world', leading to exploration of the diverse meanings assigned to nature, the different ways to characterise the relationship between people and nature, the many values systems held for the natural world and the approaches society can deploy to manage it. This highly interdisciplinary book invites consideration of a range of philosophical and applied debates and questions, ideal for use in the classroom.

CRC Press  
November 2021 : 144pp  
Pb: 978-0-367-76265-0 : **£22.99**  
Hb: 978-0-367-76266-7 : **£56.99**

\* For full contents and more information, visit: [www.routledge.com/9780367762650](http://www.routledge.com/9780367762650)



## Sociology Saves the Planet

An Introduction to Socioecological Thinking and Practice



**Thomas Macias**

*Series: Routledge Explorations in Environmental Studies*

Given its focus on inequality and the constituent elements of the social world, sociology has often been accused of negligence regarding the urgency of the world's environmental crisis. *Sociology Save the Planet* corrects this mis-perception by integrating the theme of environment and society to highlight the intrinsic value a sociological perspective brings to our understanding of the current ecological crisis. Highlighting how the environment and society are intrinsically linked, this book argues that environmental concerns need to be treated as a core concept in the study of sociology.

Routledge

December 2021 : 194pp

Pb: 978-0-367-62757-7 : **£35.99**

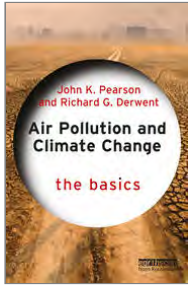
Hb: 978-0-367-62759-1 : **£135**

eBook: 978-1-003-11066-8

\* For full contents and more information, visit: [www.routledge.com/9780367627577](http://www.routledge.com/9780367627577)

## Air Pollution and Climate Change

The Basics



**John K. Pearson , Richard Derwent**

*Series: The Basics*

This book identifies four key forms of air pollution: indoor, urban, regional and global. It discusses how these four types of pollution are manifest in today's society and examines the scientific and policy challenges that stand in the way of progress. Written in a style that balances scientific underpinnings with accessible language, Pearson and Derwent examine the sources and historical context of air pollutants, before dedicating a chapter to each of the key forms.

Routledge

June 2022 : 184pp

Pb: 978-1-032-27518-5 : **£18.99**

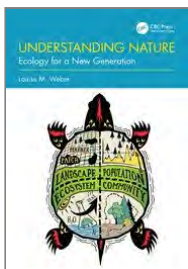
Hb: 978-1-032-27517-8 : **£94.99**

eBook: 978-1-003-29313-2

\* For full contents and more information, visit: [www.routledge.com/9781032275185](http://www.routledge.com/9781032275185)

## Understanding Nature

Ecology for a New Generation



**Louise M. Weber** University of Saint Francis, USA

Understanding Nature is a new kind of ecology textbook: a straight-forward resource that teaches natural history and ecological content, and a way to instruct students that will nurture both Earth and self. While meeting the textbook guidelines set forth by the ESA, the book has a unique ecotherapy theme, using a historical framework to teach ecological theory to undergraduates. Presenting all the core information without being wordy or lengthy, Weber uses simple, relatable language and discusses ecology in ways that any student can apply in real life. The book includes traditional ecological knowledge and the history of scientific ecological knowledge.

CRC Press

May 2023 : 376pp

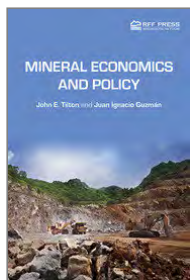
Pb: 978-1-032-22260-8 : **£61.99**

Hb: 978-1-032-22261-5 : **£165**

eBook: 978-1-003-27183-3

\* For full contents and more information, visit: [www.routledge.com/9781032222608](http://www.routledge.com/9781032222608)

## Mineral Economics and Policy



**John E. Tilton , Juan Ignacio Guzmán**

This textbook provides an introduction to the field of mineral economics and its use in understanding the behaviour of mineral commodity markets and in assessing both public and corporate policies in this important economic sector. The focus is on metal and non-metallic commodities rather than oil, coal, and other energy commodities. The book should be an ideal text for graduate and undergraduate students in the fields of mining engineering and natural resource economics and policy. It should also be of interest to professionals and investors in mining and commodity markets.

Routledge

March 2016 : 270pp

Pb: 978-1-138-83895-6 : **£56.99**

Hb: 978-1-617-26088-9 : **£160**

eBook: 978-1-315-73370-8

\* For full contents and more information, visit: [www.routledge.com/9781138838956](http://www.routledge.com/9781138838956)

## School Farms

Feeding and Educating Children



*Edited by* **Alshimaa Aboelmakarem Farag, Samaa Badawi, Gurbinder Lalli** University of Wolverhampton, UK, **Maya Kamareddine**

*Series: Routledge Studies in Food, Society and the Environment*

Hunger is one of the most pressing concerns we face today and there is a clear need to provide alternative sources of food to feed a fast growing population. School farms offer a sustainable opportunity to produce food locally in order to feed underprivileged students who rely on school meals as an integral part of their daily diet. Approaching the concept of school farms through four themes, problem, people, process and place, the book shows how they can play an essential role in providing sustainable and healthy food for students, and the positive impact hands-on farming can have on students' mental and physical well-being.

Routledge

November 2021 : 322pp

Pb: 978-1-032-00960-5 : **£36.99**

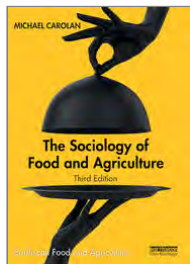
Hb: 978-1-032-00961-2 : **£135**

eBook: 978-1-003-17655-8

\* For full contents and more information, visit: [www.routledge.com/9781032009605](http://www.routledge.com/9781032009605)

3RD EDITION

## The Sociology of Food and Agriculture



**Michael Carolan** Colorado State University, USA

*Series: Earthscan Food and Agriculture*

Thoroughly revised and updated, the third edition of *The Sociology of Food and Agriculture* provides a cutting-edge, comprehensive introduction to the study of food and society. This title is perfect for students of food studies, including food justice, food and nutrition security, sustainable diets and food sovereignty, environmental sociology, agriculture and cultural studies.

Routledge

September 2021 : 278pp

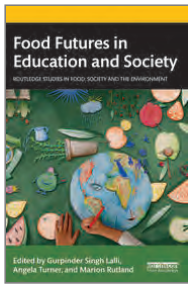
Pb: 978-0-367-68001-5 : **£35.99**

Hb: 978-0-367-68002-2 : **£135**

eBook: 978-1-003-13378-0

\* For full contents and more information, visit: [www.routledge.com/9780367680015](http://www.routledge.com/9780367680015)

## Food Futures in Education and Society



Edited by **Gurbinder Singh Lalli** University of Wolverhampton, UK, **Angela Turner**, **Marion Rutland**

*Series: Routledge Studies in Food, Society and the Environment*

This book brings together a unique collection of chapters to facilitate a broad discussion on food education that will stimulate readers to think about key policies, recent research, curriculum positions and how to engage with key stakeholders about the future of food. This book will be of great interest to students, scholars, policymakers and education leaders working on food education and pedagogy, food policy, health and diet and the sociology of food.

Routledge

July 2023 : 320pp

Pb: 978-1-032-28019-6 : **£38.99**

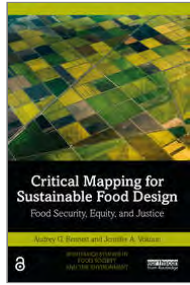
Hb: 978-1-032-28021-9 : **£135**

eBook: 978-1-003-29496-2

\* For full contents and more information, visit: [www.routledge.com/9781032280196](http://www.routledge.com/9781032280196)

## Critical Mapping for Sustainable Food Design

Food Security, Equity, and Justice



**Audrey G. Bennett , Jennifer A. Vokoun**

*Series: Routledge Studies in Food, Society and the Environment*

This book introduces critical mapping as a problem-focused design approach for analyzing systemic societal problems like food, to scope out existing solutions, and find opportunities for sustainable design intervention. This book will be of great interest to academics and professionals working in the field of design and sustainable food systems. Students interested in learning about food and sustainability from across design studies, food studies, innovation and entrepreneurship, urban studies and global development will also find this book of great use.

Routledge

May 2023 : 264pp

Pb: 978-1-032-11888-8 : **£32.99**

Hb: 978-1-032-11889-5 : **£135**

eBook: 978-1-003-22202-6

\* For **full contents** and more information, visit: [www.routledge.com/9781032118888](http://www.routledge.com/9781032118888)

3RD EDITION

## Food Policy in the United States

An Introduction



**Parke Wilde** Tufts University, USA

*Series: Earthscan Food and Agriculture*

This 3rd edition offers a timely update to the leading textbook dedicated to all aspects of food policy in the U.S. It begins with the economic interests of farmers and food producers and then moves on to examine nutrition policy, food justice, food security and the environment. Building on the success of the second edition, this edition offers greater attention both to food justice issues and to economic methods. It is essential reading for all students, researchers and policymakers seeking to understand U.S. food policy from a range of interdisciplinary backgrounds, including food studies, agricultural and food economics and policy, public health and nutrition and public policy.

Routledge

March 2025 : 286pp

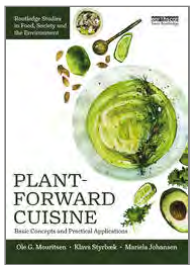
Pb: 978-1-032-48700-7 : **£39.99**

Hb: 978-1-032-49302-2 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032487007](http://www.routledge.com/9781032487007)

## Plant-Forward Cuisine

Basic Concepts and Practical Applications



**Ole G. Mouritsen, Klavs Styrbæk, Mariela Johansen**

*Series: Routledge Studies in Food, Society and the Environment*

This book promotes the environmental and health benefits of a plant-forward diet and will inspire readers with a range of exciting recipes. To ensure that there is enough food for a growing world population, to lessen the burden on the environment, and to promote healthier, sustainable eating patterns, it is crucial to transition to a diet that focuses primarily on plants as the key ingredients. The book includes a glossary of main ingredients and a compilation of taste-enhancing ingredients. It will interest those concerned with sustainable food systems and serve as a practical guide for transitioning to plant-rich diets without compromising taste.

Routledge

December 2024 : 298pp

Pb: 978-1-032-76537-2 : **£39.99**

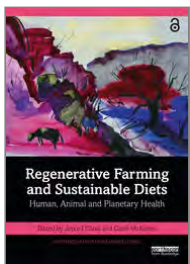
Hb: 978-1-032-76539-6 : **£135**

eBook: 978-1-003-47895-9

\* For full contents and more information, visit: [www.routledge.com/9781032765372](http://www.routledge.com/9781032765372)

## Regenerative Farming and Sustainable Diets

Human, Animal and Planetary Health



*Edited by* **Joyce D'Silva** Compassion in World Farming, UK, **Carol McKenna**

*Series: Earthscan Food and Agriculture*

This book makes the case for an urgent move away from industrial agriculture towards regenerative farming and the promotion of plant-based diets.

Routledge

September 2024 : 306pp

Pb: 978-1-032-68432-1 : **£35.99**

Hb: 978-1-032-68435-2 : **£150**

\* For full contents and more information, visit: [www.routledge.com/9781032684321](http://www.routledge.com/9781032684321)

3RD EDITION

## The Real Cost of Cheap Food



**Michael Carolan** Colorado State University, USA

*Series: Routledge Studies in Food, Society and the Environment*

This thought-provoking, accessible book examines the dominant food regime on its own terms, by seriously asking whether we can afford cheap food and by exploring what exactly cheap food affords us. Expanding an innovation introduced in the second edition, case studies of collective mobilization can be found throughout all chapters to support a narrative that balances being critical with being hopeful. The book is essential reading for those interested in critical food studies, food and agriculture and a sustainable and socially just food system.

Routledge

September 2024 : 238pp

Pb: 978-1-032-56734-1 : **£37.99**

Hb: 978-1-032-56777-8 : **£145**

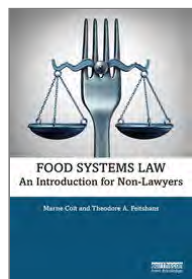
eBook: 978-1-003-43709-3

\* For full contents and more information, visit: [www.routledge.com/9781032567341](http://www.routledge.com/9781032567341)



## Food Systems Law

An Introduction for Non-Lawyers



**Marne Coit , Theodore A. Feitshans**

This introductory textbook provides an overview of US food law and regulations, providing the reader with a more comprehensive understanding of food systems. Chapters include explanations of key topics including food safety, food labelling, organic certification and food waste, with examples from US law and policy included. Geared towards a non-legal audience, it is aimed at students of food science and studies, as well as agricultural law, food policy and environmental law, plus professionals in the food industry.

Routledge

July 2020 : 214pp

Pb: 978-1-138-38689-1 : **£35.99**

Hb: 978-1-138-38687-7 : **£135**

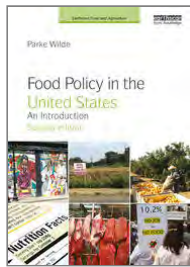
eBook: 978-0-429-42654-4

\* For full contents and more information, visit: [www.routledge.com/9781138386891](http://www.routledge.com/9781138386891)

2ND EDITION

**Food Policy in the United States**

An Introduction

**Parke Wilde** Tufts University, USA*Series: Earthscan Food and Agriculture*

The first edition of this book, published in 2013, quickly established itself as a core leading introductory text on food policy in the United States. This new edition offers a timely update, including policy changes in the 2014 Farm Bill, the 2015 Dietary Guidelines for Americans, new child nutrition legislation, reforms in food labeling policy, and many other developments. It also offers a new companion web site with additional resources for both students and instructors.

Routledge

March 2018 : 276pp

Pb: 978-1-138-20400-3 : **£45.99**Hb: 978-1-138-20398-3 : **£150**

eBook: 978-1-315-47033-7

\* For **full contents** and more information, visit: [www.routledge.com/9781138204003](http://www.routledge.com/9781138204003)

## Public Policies for Food Sovereignty

Social Movements and the State



*Edited by* **Annette Aurelie Desmarais** University of Manitoba, Canada, **Priscilla Claeys** University of Louvain, Belgium, **Amy Trauger** University of Georgia, USA

*Series: Routledge Studies in Food, Society and the Environment*

An increasing number of rural, including peasant, and urban-based movements are realizing some political traction in their demands for food sovereignty. Some are institutionalizing food sovereignty principles and practices through laws, policies, and programs. This volume engages with a variety of institutional processes that attempt to implement rights to local communities taking control of their food sovereignty.

Routledge

September 2017 : 238pp

Pb: 978-1-138-24096-4 : **£43.99**

Hb: 978-1-138-24095-7 : **£135**

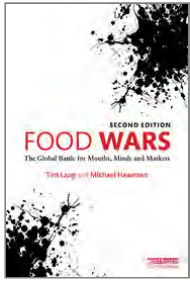
eBook: 978-1-315-28181-0

\* For full contents and more information, visit: [www.routledge.com/9781138240964](http://www.routledge.com/9781138240964)

2ND EDITION

**Food Wars**

The Global Battle for Mouths, Minds and Markets



**Tim Lang** City University London, UK, **Michael Heasman**  
University of Bradford, UK

In the ten years since publication of the first edition of Food Wars much has happened in the world of food policy. The key theme of the importance of integrating human and environmental health has become even more pressing. This new edition brings these developments fully up to date within the original analytical framework of competing paradigms or worldviews shaping the direction and decision-making within food politics and policy. The second edition includes updated examples, case studies and the new issues that show how these conflicting tendencies have played out in practice over recent years and what this tells us about the way the global food system is heading.

Routledge

October 2015 : 324pp

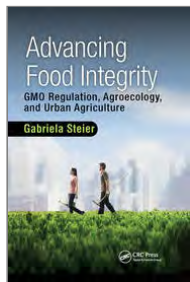
Pb: 978-1-138-80262-9 : **£39.99**Hb: 978-1-138-80258-2 : **£175**

eBook: 978-1-315-75411-6

\* For full contents and more information, visit: [www.routledge.com/9781138802629](http://www.routledge.com/9781138802629)

## Advancing Food Integrity

GMO Regulation, Agroecology, and Urban Agriculture



**Gabriela Steier**

Advancing Food Integrity: GMO Regulation, Agroecology, and Urban Agriculture describes how industrial agriculture is relying on GMOs and failed in its mandate to feed the world. The proliferation of GMOs has trivialized the underlying risks to food safety and food integrity, developments that coincide with urbanization, globalization, and the resulting centralization of our food system. Big Agriculture has enclosed farmland, forcing subsistence peasants off the land, so that it can be used for growing export crops rather than diverse crops for local populations. This book belongs on the shelf of all those interested in food law, environmental law, agroecology, and sustainable

CRC Press

June 2020 : 250pp

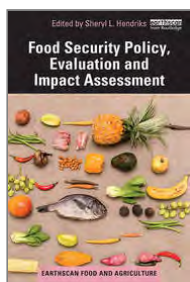
Pb: 978-0-367-57252-5 : **£45.99**

Hb: 978-1-138-30525-0 : **£68.99**

eBook: 978-0-203-72944-1

\* For full contents and more information, visit: [www.routledge.com/9780367572525](http://www.routledge.com/9780367572525)

## Food Security Policy, Evaluation and Impact Assessment



*Edited by* **Sheryl L. Hendriks**

*Series: Earthscan Food and Agriculture*

This book offers an essential, comprehensive yet accessible reference of contemporary food security discourse and guides readers through the steps required for food security analysis. It demonstrates how evaluation can integrate the four elements of food security (availability, access, nutrition and resilience) and offers practical tools for policy and programme impact assessment to support evidence-based planning.

Routledge

December 2019 : 272pp

Pb: 978-1-138-49709-2 : **£43.99**

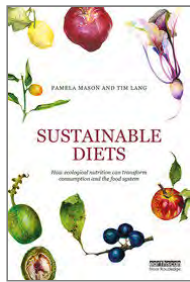
Hb: 978-1-138-49708-5 : **£135**

eBook: 978-1-351-01982-8

\* For full contents and more information, visit: [www.routledge.com/9781138497092](http://www.routledge.com/9781138497092)

## Sustainable Diets

How Ecological Nutrition Can Transform Consumption and the Food System



**Pamela Mason** Independent Researcher, UK, **Tim Lang**  
City University London, UK

The evidence on diet's impact on public health and the environment has grown in recent decades, yet changing food supply, consumer habits and economic aspirations proves hard. This book explores the case for sustainable diets in the Anthropocene. Food production and consumption are key factors in this realignment yet policy makers hesitate to reshape public eating habits and tackle the unsustainability of the global food system. The authors propose a multi-criteria approach to sustainable diets, giving equal weight to nutrition and public health, the environment, socio-cultural issues, food quality, economics and governance.

Routledge

March 2017 : 368pp

Pb: 978-0-415-74472-0 : **£44.99**

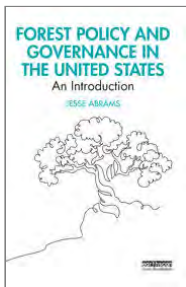
Hb: 978-0-415-74470-6 : **£180**

eBook: 978-1-315-80293-0

\* For full contents and more information, visit: [www.routledge.com/9780415744720](http://www.routledge.com/9780415744720)

## Forest Policy and Governance in the United States

An Introduction



**Jesse Abrams**

This new textbook provides an up to date and comprehensive introduction to both the policy background and contemporary governance of forests in the United States. Forest Policy and Governance in the United States is essential reading for students in forest and natural resource policy courses and will be of great use to students in environmental governance courses. It will also be of interest to policymakers and professionals working in forest conservation and in the forest industry.

Routledge

December 2022 : 310pp

Pb: 978-0-367-48955-7 : **£37.99**

Hb: 978-0-367-48957-1 : **£125**

eBook: 978-1-003-04366-9

\* For full contents and more information, visit: [www.routledge.com/9780367489557](http://www.routledge.com/9780367489557)

## European Forest Policy and Governance

An Integrative Analytical Framework



**Filip Aggestam**

This book provides a state-of-the-art overview covering distinct and relevant aspects of forest policy processes in Europe, presenting a fresh perspective on different analytical approaches, theories, and frameworks. Set against the background of a changing world, driven by significant social, environmental and economic developments, in Europe and elsewhere, there is a growing need for an improved understanding of forest governance and how to analyse the forest policymaking processes. This book introduces the reader to some of the key issues typically encountered in reviewing proposed as well as established forest policies.

Routledge

November 2024 : 300pp

Pb: 978-1-032-05746-0 : **£35.99**

Hb: 978-1-032-05747-7 : **£135**

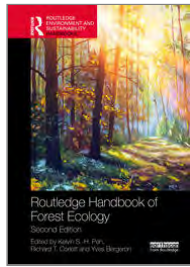
eBook: 978-1-003-19898-7

\* For full contents and more information, visit: [www.routledge.com/9781032057460](http://www.routledge.com/9781032057460)



2ND EDITION

## Routledge Handbook of Forest Ecology



Edited by **Kelvin S.-H. Peh** Uni of Soton, UK, **Richard T. Corlett** XTBG, CAS, CH, **Yves Bergeron** UQAT, Rouyn-Noranda, CA

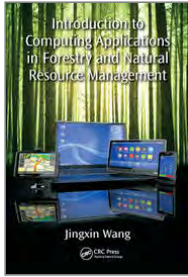
*Series: Routledge Environment and Sustainability Handbooks*

This new edition has fully revised and updated throughout to reflect the profound and unprecedented changes in both forests and climates since the publication of the first edition. The book reflects key developments in the field of forest dynamics and large-scale processes, as well as the changes that are now manifesting in different types of forest across the globe. It covers both natural and managed forests, from boreal, temperate, sub-tropical and tropical regions of the world. In this second edition, the breadth of the handbook has been expanded with new chapters on mountain forests, monodominance, pathogens and invertebrate pests and amphibian and reptiles in forest ecosystems.

Routledge  
October 2024 : 720pp  
Hb: 978-1-032-34838-4 : **£240**  
eBook: 978-1-003-32407-2

\* For full contents and more information, visit: [www.routledge.com/9781032348384](http://www.routledge.com/9781032348384)

## Introduction to Computing Applications in Forestry and Natural Resource Management



**Jingxin Wang**

Due to the complexity of operational forestry problems, computing applications are becoming pervasive in all aspects of forest and natural resource management. This book provides a comprehensive introduction to computers and their applications in forest and natural resource management and is designed for both undergraduate and graduate students in forestry and natural resources. It introduces state-of-the-art applications for several of the most important computer technologies in terms of data acquisition, data manipulation, basic programming techniques, and other related computer and Internet concepts and applications. This book consists of six parts and 19 chapters.

CRC Press

June 2020 : 398pp

Pb: 978-0-367-57308-9 : **£45.99**

Hb: 978-1-138-62630-0 : **£115**

eBook: 978-1-315-22617-0

\* For full contents and more information, visit: [www.routledge.com/9780367573089](http://www.routledge.com/9780367573089)

## Forest Insects in Europe

Diversity, Functions and Importance



**Beat Wermelinger** Swiss Federal Institute WSL, Zurich, Switzerland

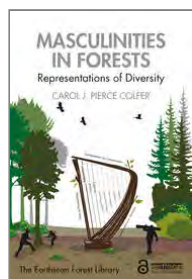
Forest insects play important roles ecologically and economically. They pollinate plants, decompose dead plant and animal tissue, provide food for vertebrates, regulate pest organisms, and shape entire landscapes. Some are considered pests, while others provide usable products. This book has been written for professional entomologists but also for nature lovers generally. The descriptions of the various roles insects play in forest ecosystems are intended to be easily comprehensible, but still scientific. The book is richly illustrated with 580 fascinating colour images of over 300 different insect and spider species.

CRC Press  
August 2021 : 365pp  
Pb: 978-0-367-45700-6 : **£54.99**  
Hb: 978-1-032-03031-9 : **£145**  
eBook: 978-1-003-18646-5

\* For full contents and more information, visit: [www.routledge.com/9780367457006](http://www.routledge.com/9780367457006)

## Masculinities in Forests

Representations of Diversity



**Carol J. Pierce Colfer**

Series: *The Earthscan Forest Library*

*Masculinities in Forests: Representations of Diversity* demonstrates the wide variability in ideas about, and practice of, masculinity in different forests, and how these relate to forest management. This book will be essential reading for students and scholars of forestry, gender studies and conservation and development, as well as practitioners and NGOs working in these fields.

Routledge  
September 2020 : 266pp  
Pb: 978-0-367-41700-0 : **£41.99**  
Hb: 978-0-367-40389-8 : **£150**

\* For full contents and more information, visit: [www.routledge.com/9780367417000](http://www.routledge.com/9780367417000)

## Sustainable Forest Management

From Concept to Practice



**Edited by John L. Innes** University of British Columbia, Vancouver, Canada, **Anna V. Tikina** University of British Columbia, Canada

Series: *The Earthscan Forest Library*

*Sustainable Forest Management* provides the necessary material to educate students about forestry and the contemporary role of forests in ecosystems and society. This comprehensive textbook on the concept and practice of sustainable forest management sets the standard for practice worldwide. Early chapters concentrate on conceptual aspects, relating sustainable forestry management to international policy. Later chapters are more practical in focus, concentrating on the management of the many values associated with forests.

Routledge  
December 2016 : 416pp  
Pb: 978-1-844-07724-3 : **£58.99**  
Hb: 978-1-844-07723-6 : **£175**  
eBook: 978-0-203-12654-7

\* For full contents and more information, visit: [www.routledge.com/9781844077243](http://www.routledge.com/9781844077243)

## The Earthscan Reader in Forestry and Development



*Edited by Jeffrey Sayer*

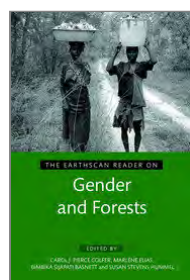
Series: *Earthscan Reader Series*

First Published in 2005. Routledge is an imprint of Taylor & Francis, an informa company.

Routledge  
July 2005 : 448pp  
Pb: 978-1-844-07154-8 : **£27.99**

\* For full contents and more information, visit: [www.routledge.com/9781844071548](http://www.routledge.com/9781844071548)

## The Earthscan Reader on Gender and Forests



*Edited by Carol Jean Pierce Colfer*, *Marlène Elias* Bioversity International, Italy, *Bimbika Sijapati Basnett* CIFOR, Indonesia, *Susan Stevens Hummel*

Series: *Earthscan Reader Series*

There is currently much interest in mainstreaming gender in natural resource management, including forestry. This Reader provides a collection of key articles published on gender and forests over the last thirty years. Including an editorial introduction and overview, it provides an accessible collection of excellent forestry-relevant social science, framed within an overarching analytical framework and demonstrating the leading debates in the field.

Routledge  
June 2017 : 404pp  
Pb: 978-1-138-23159-7 : **£32.99**  
Hb: 978-1-138-23158-0 : **£86.99**

\* For full contents and more information, visit: [www.routledge.com/9781138231597](http://www.routledge.com/9781138231597)

## Building the Critical Anthropology of Climate Change

Towards a Socio-Ecological Revolution



**Hans A. Baer, Merrill Singer**

*Series: Routledge Environmental Anthropology*

This book applies a critical perspective to anthropogenic climate change and the global socio-ecological crisis. It focuses on the critical anthropology of climate change by opening up a dialogue with the two main contending perspectives, namely the cultural ecological and the cultural interpretive perspectives. Engaging with perspectives from sociology, political science, and the geography of climate change, it explores various approaches to thinking about and responding to the existential threat of an ever-warming climate. This book will be of interest to researchers and students studying environmental anthropology, climate change, human geography, sociology, and political science.

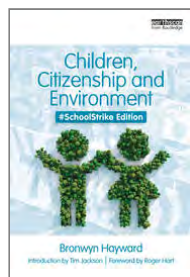
Routledge  
August 2024 : 296pp  
Pb: 978-1-032-74576-3 : **£38.99**  
Hb: 978-1-032-74577-0 : **£145**  
eBook: 978-1-003-46994-0

\* For full contents and more information, visit: [www.routledge.com/9781032745763](http://www.routledge.com/9781032745763)

2ND EDITION

## Children, Citizenship and Environment

#SchoolStrike Edition



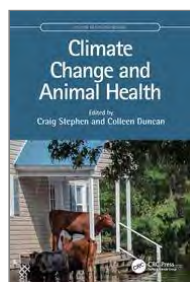
**Bronwyn Hayward**

When it was first published in 2012, *Children, Citizenship and Environment* correctly predicted a strong surge in youth activism. Nearly a decade on, while the experience of a world pandemic may have interrupted the rise of youthful street activism, it has also served to underscore the problems of deepening inequality and the risks of increasingly authoritarian government responses which young citizens must also confront. This groundbreaking book will be of interest to teachers and professionals who work in Environmental Citizenship Education, as well as students and community activists with an interest in environmental change, democracy and intergenerational justice.

Routledge  
October 2020 : 284pp  
Pb: 978-0-367-42963-8 : **£32.99**  
Hb: 978-0-367-42962-1 : **£135**  
eBook: 978-1-003-00039-6

\* For full contents and more information, visit: [www.routledge.com/9780367429638](http://www.routledge.com/9780367429638)

## Climate Change and Animal Health



*Edited by* **Craig Stephen** McEachran Institute, Canada,  
**Colleen Duncan** Colorado State Univ.

*Series: CRC One Health One Welfare*

This benchmark publication brings together information on the current and anticipated effects of climate change on animal health. It empowers educators, managers, practitioners, and researchers by providing evidence, experience, and opinions on what we need to do to prepare for, and cope with, the largest threat ever to have faced animals on this planet. After introducing animal health in a climate change context, chapters look at specific animal health impacts arising from climate change. The book concludes with suggestions on teachable and actionable ideas that could be used to mobilize concepts provided into education or advocacy.

CRC Press  
November 2022 : 334pp  
Pb: 978-0-367-71201-3 : **£46.99**  
Hb: 978-0-367-71202-0 : **£130**  
eBook: 978-1-003-14977-4

\* For full contents and more information, visit: [www.routledge.com/9780367712013](http://www.routledge.com/9780367712013)

## Surviving the Climate Crisis

Australian Perspectives and Solutions



**Stephen M. Turton** Central Queensland Univ.

This is the first textbook to adopt an integrated perspective of climate change in Australia, drawing on research from the latest IPCC (2021, 2022) Sixth Assessment Reports. Australia has been identified by a number of respected sources as a 'climate change hotspot', with all major sectors of the economy considered vulnerable or highly vulnerable to the anticipated adverse impacts of climate change. Ideal for advanced undergraduate and graduate students with limited science backgrounds, this book will inform those undertaking business, management, sustainability, education, environmental, development or heritage studies and other social science programs.

CRC Press  
December 2022 : 256pp  
Pb: 978-1-032-03947-3 : **£35.99**  
Hb: 978-1-032-03953-4 : **£89.99**  
eBook: 978-1-003-18990-9

\* For full contents and more information, visit: [www.routledge.com/9781032039473](http://www.routledge.com/9781032039473)

## Urban Blue Spaces

Planning and Design for Water, Health and Well-Being



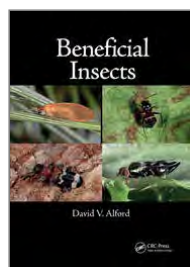
*Edited by* **Simon Bell** Estonian University of Life Sciences, Estonia, **Lora E. Fleming** University of Exeter, UK, **James Grellier** University of Exeter, UK, **Friedrich Kuhlmann** Estonian University of Life Sciences, Estonia, **Mark J. Nieuwenhuijsen** IS Global, UK, **Mathew P. White** University of Exeter, UK

This book presents an evidence-based approach to landscape planning and design for urban blue spaces that maximises the benefits to human health and well-being while minimising the risks. The international editorial team, consisting of researchers and professionals across several disciplines, leads the reader through theoretical aspects, evidence, illustrated case studies, risk assessment and a series of validated tools to aid planning and design, before finishing with overarching planning and design principles for a range of blue-space types. Over 200 full colour illustrations accompany the case study examples from geographic locations all over the world.

Routledge  
September 2021 : 506pp  
Pb: 978-0-367-17318-0 : **£44.99**  
Hb: 978-0-367-17317-3 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9780367173180](http://www.routledge.com/9780367173180)

## Beneficial Insects



**David V. Alford**

The beneficial role of insects is often overlooked or misunderstood, and in farming circles their very presence on crops is often seen to be unwelcome. In reality, however, many insects are genuinely beneficial, as in the case of parasitic and predacious species. The use of chemical pesticides to control crop pests is becoming more tightly regulated and environmentally undesirable, and low-input farming, in which natural enemies of pests are encouraged to survive or increase, is becoming far more prevalent. Accordingly, Integrated Pest Management (IPM) and Integrated Crop Management (ICM) strategies are increasingly being developed, advocated and adopted.

CRC Press  
June 2022 : 400pp  
Pb: 978-1-032-33841-5 : **£45.99**  
Hb: 978-1-482-26260-5 : **£165**  
eBook: 978-0-429-16194-0

\* For full contents and more information, visit: [www.routledge.com/9781032338415](http://www.routledge.com/9781032338415)

## Forest Insects in Europe

Diversity, Functions and Importance



**Beat Wermelinger** Swiss Federal Institute WSL, Zurich, Switzerland

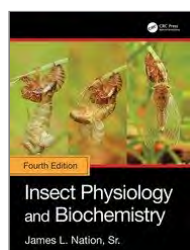
Forest insects play important roles ecologically and economically. They pollinate plants, decompose dead plant and animal tissue, provide food for vertebrates, regulate pest organisms, and shape entire landscapes. Some are considered pests, while others provide usable products. This book has been written for professional entomologists but also for nature lovers generally. The descriptions of the various roles insects play in forest ecosystems are intended to be easily comprehensible, but still scientific. The book is richly illustrated with 580 fascinating colour images of over 300 different insect and spider species.

CRC Press  
August 2021 : 365pp  
Pb: 978-0-367-45700-6 : **£54.99**  
Hb: 978-1-032-03031-9 : **£145**  
eBook: 978-1-003-18646-5

\* For full contents and more information, visit: [www.routledge.com/9780367457006](http://www.routledge.com/9780367457006)

4TH EDITION

## Insect Physiology and Biochemistry



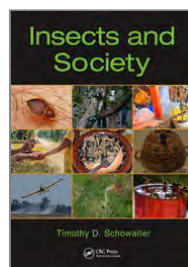
**James L. Nation, Sr.** University of Florida, Gainesville, USA

Insect Physiology and Biochemistry, Fourth Edition presents an engaging and authoritative guide to the latest findings in the dynamic field of insect physiology. The book supplies a comprehensive picture of the current state of the function, development, and reproduction of insects. Expanded and updated, now in full colour, it adds three new chapters on the role of the nervous system in behavior; the 'Genomics Revolution' in entomology; and global climate changes which have a major effect on insects, including warming and weather. The text will appeal to upper undergraduate and graduate students as well as practicing biologists.

CRC Press  
May 2022 : 586pp  
Hb: 978-1-032-24704-5 : **£84.99**  
eBook: 978-1-003-27982-2

\* For full contents and more information, visit: [www.routledge.com/9781032247045](http://www.routledge.com/9781032247045)

## Insects and Society



**Timothy D. Schowalter**

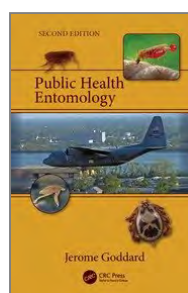
The first textbook to cater directly to those studying Insect and Society modules, this book will also be fascinating reading for anyone interested in learning how insects affect human affairs and in applying more sustainable approaches to "managing" insects. This includes K-12 teachers, undergraduate students, amateur entomologists, conservation practitioners, environmentalists, as well as natural resource managers, land use planners and environmental policy makers.

CRC Press  
December 2019 : 320pp  
Pb: 978-0-367-34780-2 : **£51.99**  
Hb: 978-0-367-41978-3 : **£105**  
eBook: 978-0-429-32792-6

\* For full contents and more information, visit: [www.routledge.com/9780367347802](http://www.routledge.com/9780367347802)

2ND EDITION

## Public Health Entomology



**Jerome Goddard** Mississippi State University, Starkville, USA

In the struggle against vector-borne diseases, we must bridge the gap between vector control workers on the ground and public health planners and administrators. This second edition of Public Health Entomology fits Certificate courses in public health entomology offered by universities and U.S. Centers of Excellence. It comprehensively examines vector-borne disease prevention, surveillance, and control from a governmental and public health perspective. Author Jerome Goddard's ability to communicate his knowledge and experience to public health students, professionals, and the general public make this book an essential resource.

CRC Press  
April 2022 : 322pp  
Pb: 978-0-367-63646-3 : **£58.99**  
Hb: 978-0-367-63647-0 : **£155**  
eBook: 978-1-003-12008-7

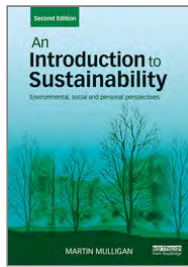
\* For full contents and more information, visit: [www.routledge.com/9780367636463](http://www.routledge.com/9780367636463)



## 2ND EDITION

**An Introduction to Sustainability**

Environmental, Social and Personal Perspectives

**Martin Mulligan** RMIT University, Australia

An Introduction to Sustainability provides students with a comprehensive overview of the key concepts and ideas which are encompassed within the growing field of sustainability. The fully updated second edition, including new figures and images, teases out the diverse but intersecting domains of sustainability and emphasises strategies for action. This textbook is an essential companion to any sustainability course.

Routledge

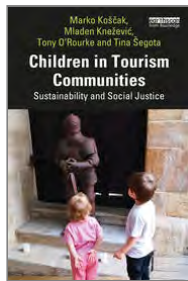
October 2017 : 338pp

Pb: 978-1-138-69830-7 : **£45.99**Hb: 978-1-138-69829-1 : **£180**

eBook: 978-1-315-51945-6

\* For full contents and more information, visit: [www.routledge.com/9781138698307](http://www.routledge.com/9781138698307)**Children in Tourism Communities**

Sustainability and Social Justice

**Marko Koščak, Mladen Knežević, Tony O'Rourke, Tina Šegota**

This book explores how children living in tourism destinations are particularly susceptible to the impacts of tourism and how they can be included in public policies, programmes and decision-making. The book is based on original, ground-breaking research with a specific focus on sustainable tourism and development, and it encourages a rethinking of sustainability as a concept and demonstrates how tourism can be utilised as a tool for achieving the sustainable development goals. This will be an important text for students, academics, and instructors in sustainable tourism and development, destination management, culture and heritage, as well as practitioners in these areas.

Routledge

May 2024 : 228pp

Pb: 978-1-032-44874-9 : **£38.99**Hb: 978-1-032-44876-3 : **£145**

eBook: 978-1-003-37429-9

\* For full contents and more information, visit: [www.routledge.com/9781032448749](http://www.routledge.com/9781032448749)**Dictionary of Sustainability****Margaret Robertson** Lane Community College, USA

The Dictionary of Sustainability provides clear definitions of the extensive vocabulary that has developed in this emerging and interdisciplinary field, saving time searching through the massive quantity of information of differing degrees of quality that is available online. Providing authoritative definitions of standard terms in use by scholars and practitioners it provides a clear and thorough conceptual framework and ensures those delving into topics for the first time can find what they need. The dictionary will be essential reading for all students studying sustainability topics, as well as a handy reference for practitioners wanting to make a sustainable difference in the workplace.

Routledge

May 2017 : 176pp

Pb: 978-1-138-69083-7 : **£37.99**Hb: 978-1-138-69082-0 : **£135**

eBook: 978-1-315-53670-5

\* For full contents and more information, visit: [www.routledge.com/9781138690837](http://www.routledge.com/9781138690837)

## 4TH EDITION

**Fundamentals of Sustainable Development****Niko Roorda**

This revised fourth edition provides an accessible and interdisciplinary introduction to sustainable development for undergraduate and postgraduate students across the natural and social sciences, and beyond. It is designed to easily align with structured modules to enable students to work through topics one by one. Timely topics on sustainable business are introduced across the book, including carbon footprints, ecolabels, greenwashing, measuring and reporting, degrowth, and personal and professional action points. This is the must-have resource for students and lecturers in all disciplines who have an interest in the sustainability of our planet, human society and global economy.

Routledge

January 2025 : 416pp

Pb: 978-1-032-50465-0 : **£46.99**Hb: 978-1-032-50466-7 : **£145**

eBook: 978-1-003-39862-2

\* For full contents and more information, visit: [www.routledge.com/9781032504650](http://www.routledge.com/9781032504650)

## 3RD EDITION

**Sustainability Principles and Practice****Margaret Robertson** Lane Community College, USA

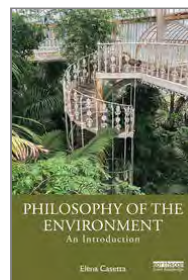
This textbook gives an overview of the interdisciplinary field of sustainability. Each chapter explores one aspect of the field, first introducing concepts and presenting issues, then supplying tools for working toward solutions. The 3rd edition includes greater coverage of resilience and systems thinking, an update on the Anthropocene as a formal geological epoch, the latest research from the IPCC, and a greater focus on diversity and social equity, together with new details such as sustainable consumption, textiles recycling, microplastics, and net-zero concepts. This edition has been expanded to include issues, solutions, and new case studies.

Routledge

February 2021 : 554pp

Pb: 978-0-367-36521-9 : **£43.99**Hb: 978-0-367-36519-6 : **£135**eBook: 978-0-367-72322-4 : **£43.99**\* For full contents and more information, visit: [www.routledge.com/9780367365219](http://www.routledge.com/9780367365219)**Philosophy of the Environment**

An Introduction

**Elena Casetta**

This textbook offers a reasoned and accessible introduction to the philosophy of the environment and the current environmental crisis, designed for scholars and students in both philosophy and the natural and environmental sciences. It addresses the history and meanings of the concept of "environment", provides a theory of the relation between living beings and their environments, and tackles a wide spectrum of key philosophical issues related to the environment and the environmental crisis in a straightforward framework and accessible style. Targeted at students, scholars, and junior researchers, the book distinguishes itself through its approachable style and choice of topics.

Routledge

December 2024 : 182pp

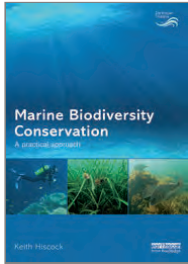
Pb: 978-1-032-76687-4 : **£35.99**Hb: 978-1-032-76690-4 : **£135**

eBook: 978-1-003-47964-2

\* For full contents and more information, visit: [www.routledge.com/9781032766874](http://www.routledge.com/9781032766874)

## Marine Biodiversity Conservation

A Practical Approach



**Keith Hiscock** Marine Biological Association, Plymouth, UK

*Series: Earthscan Oceans*

Effective marine biodiversity conservation is dependent upon a clear scientific rationale for practical interventions. This book is intended to provide knowledge and tools for marine conservation practitioners and to identify issues and mechanisms for upper-level undergraduate and Masters students. The main focus is on benthic species living on or in the seabed and immediately above. Such species are fundamental to a stable and sustainable marine ecosystem. The book is a practical guide based on a clear exposition of the principles of marine ecology and species biology to demonstrate how marine conservation has been tackled worldwide.

Routledge

August 2014 : 318pp

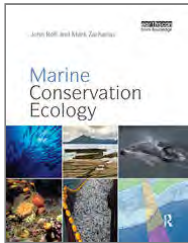
Pb: 978-0-415-72356-5 : **£53.99**

Hb: 978-0-415-72355-8 : **£165**

eBook: 978-1-315-85764-0

\* For full contents and more information, visit: [www.routledge.com/9780415723565](http://www.routledge.com/9780415723565)

## Marine Conservation Ecology



**John Roff , Mark Zacharias** Ministry of Environment & Climate Change Strategy, Canada

*Series: Earthscan Oceans*

This major textbook provides a broad coverage of the ecological foundations of marine conservation, including the rationale, importance and practicalities of various approaches to marine conservation and management. The scope of the book encompasses an understanding of the elements of marine biodiversity - from global to local levels - threats to marine biodiversity, and the structure and function of marine environments as related to conservation issues. The authors describe the potential approaches, initiatives and various options for conservation, from the genetic to the species, community and ecosystem levels in marine environments. They describe planning of ecologically integrated conservation strategies, including decision-making on size, boundaries, numbers and connectivity of protected area networks. The book also addresses relationships between fisheries and biodiversity, novel methods for conservation planning in the coastal zone and the evaluation of conservation init

Routledge

April 2011 : 476pp

Pb: 978-1-844-07884-4 : **£58.99**

Hb: 978-1-844-07883-7 : **£175**

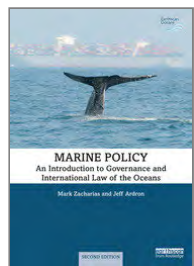
eBook: 978-1-849-77554-0

\* For full contents and more information, visit: [www.routledge.com/9781844078844](http://www.routledge.com/9781844078844)

2ND EDITION

## Marine Policy

An Introduction to Governance and International Law of the Oceans



**Mark Zacharias** Ministry of Environment & Climate Change Strategy, Canada, **Jeff Ardron** Commonwealth Secretariat, UK

*Series: Earthscan Oceans*

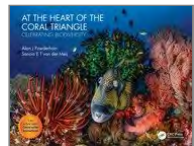
This textbook provides readers with a foundation in policy development and analysis, describing how policy, including legal mechanisms, are applied to the marine environment. It presents a systematic treatment of all aspects of marine policy, including climate change, energy, environmental protection, fisheries, mining and transportation. Aligned with current course offerings, this textbook is an ideal introduction for undergraduates and graduate students taking marine affairs, science and policy courses.

Routledge  
June 2019 : 346pp  
Pb: 978-0-815-37927-0 : **£49.99**  
Hb: 978-0-815-37926-3 : **£135**  
eBook: 978-1-351-21622-7

\* For full contents and more information, visit: [www.routledge.com/9780815379270](http://www.routledge.com/9780815379270)

## At the Heart of the Coral Triangle

Celebrating Biodiversity



**Alan J Powderham** Consulting Engineer, UK, **Sancia van der Meij**

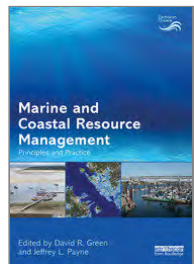
The Coral Triangle, lying at the confluence of the Indian and Pacific Oceans, harbours the greatest biodiversity of marine life on the planet. While it is hardly immune to the growing global impacts of climate change and pollution, it is home to a wondrous variety of species living within diverse habitats. With stunning photography supported by an engaging, informative and accessible text, this book celebrates this biodiversity with the underlying message that it needs our protection before it is too late.

CRC Press  
December 2020 : 252pp  
Hb: 978-0-367-42816-7 : **£45.99**  
eBook: 978-0-367-85531-4

\* For full contents and more information, visit: [www.routledge.com/9780367428167](http://www.routledge.com/9780367428167)

## Marine and Coastal Resource Management

Principles and Practice



*Edited by* **David R. Green** University of Aberdeen, UK, **Jeffrey L. Payne** Office for Coastal Management, NOAA, USA

*Series: Earthscan Oceans*

In this new and highly original textbook for a range of interdisciplinary courses and degree programmes focusing on marine and coastal resource management, readers are offered an introduction to the subject matter, a broad perspective and understanding, some case study applications, and a reference source. Each chapter is written by an international authority and expert in the respective field, bringing together perspectives from physical and human geography, marine biology and fisheries, planning and surveying, environmental change, engineering and tourism.

Routledge  
September 2017 : 336pp  
Pb: 978-1-849-71290-3 : **£54.99**  
Hb: 978-1-849-71289-7 : **£180**  
eBook: 978-0-203-12708-7

\* For full contents and more information, visit: [www.routledge.com/9781849712903](http://www.routledge.com/9781849712903)

3RD EDITION

## Marine Microbiology

Ecology &amp; Applications



**Colin Munn**, **Colin Munn** University of Plymouth, UK, **Colin B. Munn**

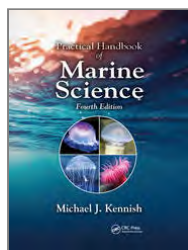
The third edition of this bestselling text has been rigorously updated to reflect major new discoveries and concepts since 2011, especially progress due to extensive application of high-throughput sequencing, single cell genomics and analysis of large datasets. Significant advances in understanding the diversity and evolution of bacteria, archaea, fungi, protists, and viruses are discussed and their importance in marine processes is explored in detail. A Companion Website provides extra resources to aid teaching and learning.

CRC Press  
January 2020 : 436pp  
Pb: 978-0-367-18356-1 : **£66.99**  
Hb: 978-0-367-18359-2 : **£135**  
eBook: 978-0-429-06104-2

\* For full contents and more information, visit: [www.routledge.com/9780367183561](http://www.routledge.com/9780367183561)

4TH EDITION

## Practical Handbook of Marine Science



**Michael J. Kennish**

This heavily revised fourth edition continues its tradition as a state-of-the-art reference that updates the field of marine science to meet the interdisciplinary research needs of physical oceanographers, marine biologists, marine chemists, and marine geologists. Maintaining its user-friendly, multi-sectional format, this comprehensive resource will also be of value to undergraduate and graduate students, administrators, and other professionals who deal with the management of marine resources. The new edition offers extensive illustrative and tabular reference material covering all the major disciplines related to the sea.

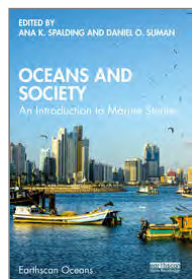
CRC Press  
June 2022 : 528pp  
Pb: 978-1-032-33823-1 : **£45.99**  
Hb: 978-1-138-06885-8 : **£210**  
eBook: 978-1-315-15759-7

\* For full contents and more information, visit: [www.routledge.com/9781032338231](http://www.routledge.com/9781032338231)



## Oceans and Society

An Introduction to Marine Studies



*Edited by* **Ana Spalding, Daniel Suman**

*Series:* Earthscan Oceans

This unique textbook presents an introduction to the interdisciplinary field of marine studies, exploring the dynamic relationship between people and the marine environment. *Oceans and Society* is essential reading for students on marine studies courses, as well as those studying marine governance, policy, conservation and law more broadly. It will also be of great interest to students, researchers and professionals interested in applying interdisciplinary approaches to environmental challenges.

Routledge

February 2023 : 310pp

Pb: 978-0-367-52486-9 : **£33.99**

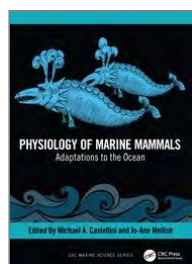
Hb: 978-0-367-52488-3 : **£125**

eBook: 978-1-003-05815-1

\* For full contents and more information, visit: [www.routledge.com/9780367524869](http://www.routledge.com/9780367524869)

## Physiology of Marine Mammals

Adaptations to the Ocean



*Edited by* **Michael Castellini** Univ. of Alaska, Fairbanks,  
**Jo-Ann Mellish** North Pacific Research Board, USA

*Series:* CRC Marine Biology Series

This unique undergraduate textbook considers what makes a marine mammal different from terrestrial mammals, focusing on the physiological and biochemical characteristics that have allowed this group of mammals to effectively exploit the hostile marine environment. The contents are organised around common student questions such as "How do mammals stay warm in a cold ocean?" while each chapter provides a set of PowerPoint slides for instructors to use in teaching. Study Questions and Future Implications points conclude each chapter, while full-colour images and comprehensive, accessible content make this the definitive textbook for marine mammal physiology.

CRC Press

July 2023 : 368pp

Pb: 978-1-032-28560-3 : **£53.99**

Hb: 978-1-032-28570-2 : **£145**

eBook: 978-1-003-29746-8

\* For full contents and more information, visit: [www.routledge.com/9781032285603](http://www.routledge.com/9781032285603)

## Transdisciplinary Marine Research

Bridging Science and Society



*Edited by* **Silvia Gómez, Vera Köpsel**

*Series:* Earthscan Oceans

Drawing on the expertise of marine researchers from both the natural and social sciences, this book examines how we, as both scientists and societies, can return to a sustainable co-existence with the ocean and use the tools of transdisciplinarity to bring together the diverse forms of knowledge needed to achieve this important task. This book will be of great interest to students and scholars studying marine science and ocean research across a wide range of disciplines, including marine biology, environmental governance and policy, ocean resource management, oceanography, environmental anthropology, human geography and sustainability.

Routledge

December 2022 : 320pp

Pb: 978-1-032-31758-8 : **£35.99**

Hb: 978-1-032-31760-1 : **£125**

eBook: 978-1-003-31117-1

\* For full contents and more information, visit: [www.routledge.com/9781032317588](http://www.routledge.com/9781032317588)

## Fishing Europe's Troubled Waters

Fifty Years of Fisheries Policy



**David Symes**

*Series: Earthscan Oceans*

Spanning the last fifty years of fisheries policy in Europe, this book is the parting contribution and career spanning reflection from one of Europe's most renowned social scientists working in the field of fisheries management and policy. This book will be essential reading for students, scholars, professionals and policymakers working on fisheries, marine governance, natural resource management, environmental policy and the European Project.

Routledge

March 2023 : 188pp

Pb: 978-1-032-42470-5 : **£31.99**

Hb: 978-1-032-42471-2 : **£125**

eBook: 978-1-003-36291-3

\* For full contents and more information, visit: [www.routledge.com/9781032424705](http://www.routledge.com/9781032424705)

## An Introduction to Severe Storms and Hazardous Weather



**Jeffrey B. Halverson**

This book presents a deep and encompassing survey of severe weather in all its forms. *An Introduction to Severe Storms and Hazardous Weather* is an exciting new textbook which allows students to learn the principles of atmospheric science through the drama, exhilaration and even tragedy of severe weather.

Routledge

June 2024 : 472pp

Pb: 978-1-032-38424-5 : **£56.99**

Hb: 978-1-032-38423-8 : **£145**

eBook: 978-1-003-34498-8

\* For full contents and more information, visit: [www.routledge.com/9781032384245](http://www.routledge.com/9781032384245)

## Judging Extreme Weather

Climate Science in Action



**Randy Cerveney**

Written by the World Meteorological Organization (WMO) Rapporteur of Weather and Climate Extremes, this book addresses the reality of extreme weather—how does it occur; how do we measure it; and what does it mean for our future.

Routledge

February 2024 : 208pp

Pb: 978-1-032-43572-5 : **£21.99**

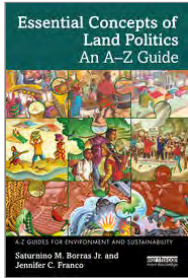
Hb: 978-1-032-43570-1 : **£96.99**

eBook: 978-1-003-36795-6

\* For full contents and more information, visit: [www.routledge.com/9781032435725](http://www.routledge.com/9781032435725)

## Essential Concepts of Land Politics

An A–Z Guide



**Saturnino M. Borras Jr., Jennifer C. Franco**

*Series: A-Z Guides for Environment and Sustainability*

This book compiles, discusses and explains sixty seven key concepts in land politics in an easy-to-navigate A-Z format. This book takes a broad view on land, across the rural and urban corridor, and advocates for a holistic view of the politics of land, as an aggregation of land and global social life, that is, the politics of food, climate, labour, citizenship and geopolitics. With further reading recommendations included alongside the entries, this innovative and accessible volume will be of great interest to students, scholars, policy practitioners, and political activists.

Routledge

June 2025 : 230pp

Pb: 978-1-032-65841-4 : **£39.99**

Hb: 978-1-032-65845-2 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032658414](http://www.routledge.com/9781032658414)

## An Introduction to Sustainable Resource Use



**Callum Hill**

This book explores the challenges our society faces in making the transition to renewable resource use in a way that is truly sustainable – environmentally, economically and socially. Suitable for under- and postgraduate courses on environmental limits and resource use, and continuing professional development – particularly resource management, materials, industrial ecology, energy, resource economics and engineering.

Routledge

January 2011 : 256pp

Pb: 978-1-844-07927-8 : **£43.99**

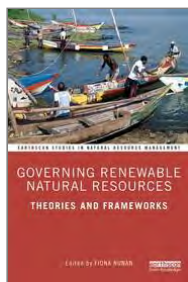
Hb: 978-1-844-07926-1 : **£180**

eBook: 978-1-849-77530-4

\* For full contents and more information, visit: [www.routledge.com/9781844079278](http://www.routledge.com/9781844079278)

## Governing Renewable Natural Resources

Theories and Frameworks



*Edited by* **Fiona Nunan**

*Series: Earthscan Studies in Natural Resource Management*

In one volume, this book brings together a diversity of approaches, theory and frameworks that can be used to analyse the governance of renewable natural resources. The book serves as an essential introduction to the governance of renewable natural resources for students, researchers and practitioners.

Routledge

December 2019 : 264pp

Pb: 978-0-367-14670-2 : **£41.99**

Hb: 978-0-367-14669-6 : **£135**

eBook: 978-0-429-05300-9

\* For full contents and more information, visit: [www.routledge.com/9780367146702](http://www.routledge.com/9780367146702)

## Natural Resource Conflicts and Sustainable Development



*Edited by* **E. Gunilla Almered Olsson** University of Gothenburg, Sweden, **Pernille Gooch** Lund University, Sweden

*Series: Earthscan Studies in Natural Resource Management*

Providing both a theoretical background and practical examples of natural resource conflict, this volume explores the pressures on natural resources leading to scarcity and conflict. A range of global examples is presented including water resources, fisheries, forests, human-wildlife conflicts, urban environments and the consequences of climate change. It will be a valuable text for advanced students of natural resource management, development studies and peace and conflict management. The book will also be of interest to practitioners in the field of natural resource management.

Routledge

April 2019 : 242pp

Pb: 978-1-138-57689-6 : **£37.99**

Hb: 978-1-138-57688-9 : **£135**

eBook: 978-1-351-26864-6

\* For full contents and more information, visit: [www.routledge.com/9781138576896](http://www.routledge.com/9781138576896)

## Our Extractive Age

Expressions of Violence and Resistance



Edited by **Judith Shapiro , John-Andrew McNeish**

*Series: Routledge Studies of the Extractive Industries and Sustainable Development*

Chronicling the increasing rates of brutal suppression of local environmental and labor activists in rural and urban sites of extraction, this volume also foregrounds related violence in areas we might not expect, such as infrastructural developments, protected areas for nature conservation, and even geoengineering in the name of carbon mitigation. The book is essential reading for activists and for students and scholars of environmental politics, natural resource management, political ecology, sustainable development, and globalization.

Routledge

May 2021 : 280pp

Pb: 978-0-367-65052-0 : **£36.99**

Hb: 978-0-367-65053-7 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9780367650520](http://www.routledge.com/9780367650520)

## The Anthropology of Resource Extraction



*Edited by* **Lorenzo D'Angelo , Robert Jan Pijpers**

*Series: Routledge Studies of the Extractive Industries and Sustainable Development*

Resources play a crucial role in the contemporary economy and society, required in the production of a vast range of consumer products and are at the core of geopolitical strategies and environmental concerns for the future of humanity. Scholars have widely debated the economic and sociological aspects of resource management in our societies, offering interesting and useful abstractions. However, anthropologists offer different and fresh perspectives - sometimes complementary and at other times alternative to these abstractions. This book offers an overview of the key debates in the burgeoning anthropological literature on resource extraction.

Routledge

January 2022 : 248pp

Pb: 978-0-367-68753-3 : **£36.99**

Hb: 978-0-367-86259-6 : **£135**

eBook: 978-1-003-01801-8

\* For full contents and more information, visit: [www.routledge.com/9780367687533](http://www.routledge.com/9780367687533)

2ND EDITION

## Research Methods for Environmental Studies

A Social Science Approach



**Mark Kanazawa** Carleton College, USA

The methodological needs of environmental studies are unique in the breadth of research questions that can be posed, calling for a textbook that covers a broad swath of approaches to conducting research with potentially many different kinds of evidence. Drawing on a variety of extended and updated examples to encourage problem-based learning and fully addressing the challenges associated with interdisciplinary investigation, this book will be an essential resource for students embarking on courses exploring research methods in environmental studies.

Routledge

July 2023 : 498pp

Pb: 978-1-032-19840-8 : **£38.99**

Hb: 978-1-032-19841-5 : **£145**

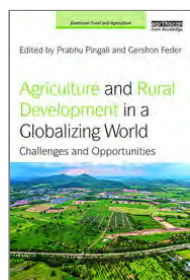
eBook: 978-1-003-26111-7

\* For full contents and more information, visit: [www.routledge.com/9781032198408](http://www.routledge.com/9781032198408)



## Agriculture and Rural Development in a Globalizing World

Challenges and Opportunities



Edited by **Prabhu Pingali** Cornell University, USA,  
**Gershon Feder**

*Series: Earthscan Food and Agriculture*

Rapid structural transformation and urbanization are transforming agriculture and food production in rural areas across the world. This textbook provides a comprehensive review and assessment of the multi-faceted nature of agriculture and rural development, particularly in the developing world where the greatest challenges occur. It provides a "state of the art" review of the literature on each of the facets of the transformation process and a policy agenda for tackling key issues.

Routledge

May 2017 : 404pp

Pb: 978-1-138-23182-5 : **£54.99**

Hb: 978-1-138-23181-8 : **£135**

eBook: 978-1-315-31405-1

\* For full contents and more information, visit: [www.routledge.com/9781138231825](http://www.routledge.com/9781138231825)

2ND EDITION

## The New Peasantries

Rural Development in Times of Globalization



**Jan Douwe van der Ploeg** Wageningen University,  
Netherlands

*Series: Earthscan Food and Agriculture*

When first published in 2008, "The New Peasantries" revolutionized our ways of thinking of what constitutes the peasantry and re-peasantization. This new edition is thoroughly revised, with a reorganization of chapters and several new chapters added. It includes a new chapter on China, based on the author's extensive fieldwork there, and much more information on Brazil. It has been re-structured more as a textbook for students or rural sociology and related disciplines.

Routledge

June 2018 : 324pp

Pb: 978-1-138-07131-5 : **£47.99**

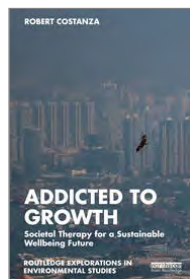
Hb: 978-1-138-07130-8 : **£180**

eBook: 978-1-315-11471-2

\* For full contents and more information, visit: [www.routledge.com/9781138071315](http://www.routledge.com/9781138071315)

## Addicted to Growth

Societal Therapy for a Sustainable Wellbeing Future



**Robert Costanza**

*Series: Routledge Explorations in Environmental Studies*

This book takes a compelling approach to describing what is needed to create the kind of future that most people on Earth really want. Our global society is hopelessly addicted to a particular vision of the world and a future that has become both unsustainable and undesirable. Addicted to Growth frames our current predicament as a societal addiction to a 'growth at all costs' economic paradigm.

Routledge

December 2022 : 156pp

Pb: 978-1-032-00336-8 : **£31.99**

Hb: 978-1-032-00334-4 : **£125**

eBook: 978-1-003-17371-7

\* For full contents and more information, visit: [www.routledge.com/9781032003368](http://www.routledge.com/9781032003368)

## Unsustainable World

Are We Losing the Battle to Save Our Planet?



**Peter N. Nemetz**

Using a cross-disciplinary, science and economics-based approach, this book provides a sobering and comprehensive assessment of the multifaceted barriers to achieving sustainability at a global level. Scientific evidence is presented in detail, in keeping with the advice of Swedish climate activist, Greta Thunberg, to let the science speak for itself. The author outlines why sustainability is unlikely to be achieved in several key areas of human endeavour and readers are challenged to weigh the scientific evidence for themselves. This book introduces students and general readers to the challenges of sustainability and the environmental difficulties facing humanity today.

Routledge

February 2022 : 418pp

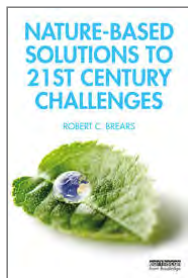
Pb: 978-1-032-05858-0 : **£35.99**

Hb: 978-1-032-05862-7 : **£135**

eBook: 978-1-003-19954-0

\* For full contents and more information, visit: [www.routledge.com/9781032058580](http://www.routledge.com/9781032058580)

## Nature-Based Solutions to 21st Century Challenges



**Robert C. Brears**

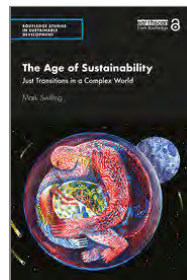
This book provides a systematic review of nature-based solutions and their potential to address current environmental challenges. This book systematically reviews nature-based solutions from a public policy angle, assessing policy developments which encourage the implementation of nature-based solutions to address societal challenges while simultaneously providing human well-being and biodiversity benefits. It will be of great interest to policymakers, practitioners and researchers involved in nature-based solutions, sustainable urban planning, environmental management and sustainable development generally.

Routledge  
April 2020 : 352pp  
Pb: 978-0-367-26689-9 : **£37.99**  
Hb: 978-0-367-26617-2 : **£135**  
eBook: 978-0-429-29460-0

\* For full contents and more information, visit: [www.routledge.com/9780367266899](http://www.routledge.com/9780367266899)

## The Age of Sustainability

Just Transitions in a Complex World



**Mark Swilling** University of Stellenbosch, South Africa

Series: *Routledge Studies in Sustainable Development*

With transitions to more sustainable ways of living already underway, this book examines how we understand the underlying dynamics of the transitions that are unfolding. Without this understanding, we enter the future in a state of informed bewilderment. Shedding light on the highly complex challenge of a sustainable and just transition, this book is essential reading for anyone concerned with establishing a more sustainable and equitable world. Ultimately, this is a book about hope, but without easy answers.

Routledge  
November 2019 : 350pp  
Pb: 978-0-367-17816-1 : **£37.99**  
Hb: 978-0-367-17815-4 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9780367178161](http://www.routledge.com/9780367178161)

## Negotiating the Sustainable Development Goals

A transformational agenda for an insecure world



**Felix Dodds** University of North Carolina & Tellus

Institute, USA, **Ambassador David Donoghue**

Permanent Mission of Ireland to the United Nations, USA, **Jimena Leiva Roesch** International Peace Institute, USA

The Sustainable Development Goals (SDGs) are a universal set of 17 goals, targets and indicators agreed by UN member states to frame their policy agendas for the next fifteen years (2015 to 2030). Written by three authors who have been engaged in the development of the SDGs from the beginning, this book offers an insider view of the process. It reviews how the SDGs were developed, what happened in key meetings and how this transformational agenda which took several years to negotiate came together. It is essential reading for all interested in sustainable development and the future of the planet and humankind, in order to understand the complexity and importance of these issues.

Routledge  
November 2016 : 240pp  
Pb: 978-1-138-69508-5 : **£43.99**  
Hb: 978-1-138-69507-8 : **£135**  
eBook: 978-1-315-52709-3

\* For full contents and more information, visit: [www.routledge.com/9781138695085](http://www.routledge.com/9781138695085)

## Sustainability and Design Ethics, Second Edition



**Jean Russ**

Since the first edition, there has been a significant shift across the economy in terms of recognizing the importance of sustainability. This shift is discussed in the second edition through a substantial revision of all the chapters and the addition of a new chapter on business principles, practices, and sustainability. This book unveils a broad understanding of the theories and practices of ethical reasoning- from the general introduction to the more sophisticated theories, followed by the practices of design professionals and organizations that embody these theories, and, the detailed measures and actions to achieve future sustainability.

CRC Press  
November 2018 : 200pp  
Pb: 978-1-138-58368-9 : **£71.99**  
Hb: 978-1-138-39041-6 : **£145**  
eBook: 978-0-429-50658-1

\* For full contents and more information, visit: [www.routledge.com/9781138583689](http://www.routledge.com/9781138583689)

## Local Consumption and Global Environmental Impacts

Accounting, Trade-offs and Sustainability



**Kuishuang Feng** University of Maryland, USA, **Klaus Hubacek** University of Maryland, USA, **Yang Yu**

*Series: Routledge-SCORAI Studies in Sustainable Consumption*

This book describes how local consumption, particularly in urban areas, is increasingly met by global supply chains. These supply chains often extend over large geographical distances and have greater global environmental impacts, contributing to pollution, climate change, water scarcity and deforestation. The book will be key reading for students taking courses in environmental sciences, sustainability sciences, ecological economies and geography.

Routledge

August 2019: 128pp

Pb: 978-1-138-82606-9 : **£39.99**

Hb: 978-1-138-82605-2 : **£135**

eBook: 978-1-315-73959-5

\* For full contents and more information, visit: [www.routledge.com/9781138826069](http://www.routledge.com/9781138826069)

## Tomorrow's People and New Technology

Changing How We Live Our Lives



**Felix Dodds** University of North Carolina & Tellus Institute, USA, **Carolina Duque Chopitea**, **Ranger Ruffins**

The Fourth Industrial Revolution is characterized by the emergence of new technologies that are blurring the boundaries between the physical, the digital, and the biological worlds. This book allows readers to explore how these technologies will impact peoples' lives by 2030. Providing an indication of what the world might look like in 2030, this book is essential reading for students, scholars, professionals, and policymakers interested in the nexus between emerging technologies and sustainable development, politics and society, and global governance.

Routledge

October 2021 : 246pp

Pb: 978-0-367-49288-5 : **£36.99**

Hb: 978-0-367-49290-8 : **£135**

eBook: 978-1-003-04549-6

\* For full contents and more information, visit: [www.routledge.com/9780367492885](http://www.routledge.com/9780367492885)

## Circular Economy Realities

Critical Perspectives on Sustainability



Edited by **Pauline Deutz**, **Walter J.V. Vermeulen**, **Rupert J. Baumgartner**, **Tomás B. Ramos**, **Andrea Raggi**

*Series: Routledge/ISDRS Series in Sustainable Development Research*

This book addresses the realities of the circular economy, a resource efficiency concept that has risen to global prominence in academic, policy and business circles over the last decade. Considered an approach to sustainable growth, the volume critically analyses how sustainable emerging applications of a circular economy are in practice. Benefitting from extensive empirical research, this critical assessment of sustainability in the context of the circular economy will appeal to a broad readership of academics, upper-level students, practitioners and policy-makers in sustainable development, business, economics, geography, sociology and environmental engineering.

Routledge

July 2024 : 244pp

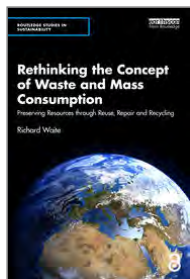
Pb: 978-1-032-28181-0 : **£38.99**

Hb: 978-1-032-28184-1 : **£145**

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## Rethinking the Concept of Waste and Mass Consumption

Preserving Resources through Reuse, Repair and Recycling



**Richard Waite**

*Series: Routledge Studies in Sustainability*

This book presents hard facts, drawn from extensive research, to highlight our unsustainable consumption of the Earth's resources and the limitations of the UK's current management of waste and recycling. It challenges the whole concept of waste, leading to a proposed new strategy for the management of household waste, including a simplified household collection system, the introduction of an incineration tax and the banning of all household waste exports. The book will be of interest to manufacturers, retailers, consumers, local authorities, policy makers, students and professionals looking to reduce our impact on the environment.

Routledge

July 2024 : 256pp

Pb: 978-1-032-82486-4 : **£39.99**

Hb: 978-1-032-82487-1 : **£150**

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2ND EDITION

## Sustainability at Work

Careers That Make a Difference



**Marilyn Waite** Consultant, USA

Sustainability at Work is a compelling guide for anyone who seeks both a successful career and a career that makes a positive difference in society. In this thoroughly revised new edition, Marilyn Waite builds upon recent career trends to include two all-important themes that are redefining sustainability: justice, equity, diversity, and inclusion and climate-related career pathways. Through inspiring narratives and a structured framework, Sustainability at Work illustrates how sustainability can be incorporated into every imaginable career to impact the quadruple bottom line: environment, economy, society, and future generations.

Routledge

June 2024 : 216pp

Pb: 978-1-032-61582-0 : **£38.99**

Hb: 978-1-032-61583-7 : **£145**

eBook: 978-1-032-61584-4

\* For full contents and more information, visit: [www.routledge.com/9781032615820](http://www.routledge.com/9781032615820)

3RD EDITION

## Sustainable Business

Key Issues



**Helen Kopnina** University of Amsterdam, The Netherlands, **Rory Padfield**, **Josephine Mylan**

*Series: Key Issues in Environment and Sustainability*

Sustainable Business: Key Issues is the first comprehensive introductory-level textbook to address the interface between environmental challenges and business solutions to provide an overview of the basic concepts of sustainability, sustainable business, and business ethics.

Routledge

June 2023 : 334pp

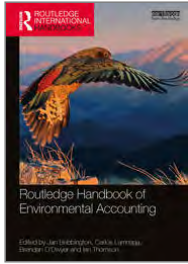
Pb: 978-1-032-20968-5 : **£38.99**

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\* For full contents and more information, visit: [www.routledge.com/9781032209685](http://www.routledge.com/9781032209685)

## Routledge Handbook of Environmental Accounting



Edited by **Jan Bebbington , Carlos Larrinaga , Brendan O'Dwyer , Ian Thomson**

*Series: Routledge Environment and Sustainability Handbooks*

This handbook showcases the broad spectrum of diverse approaches to environmental accounting which have developed during the last 30 years across the globe. It covers a range of physical issues such as water, carbon and biodiversity, as well as specific accounting matters such as management control, finance and audit. Edited by leading scholars in the area and with key contributions from across the discipline, and covering a diverse range of perspectives and locations, this handbook will serve as a vital resource for students and scholars of environmental accounting and environmental economics.

Routledge

January 2023 : 438pp

Pb: 978-0-367-72490-0 : **£41.99**

Hb: 978-0-367-15233-8 : **£210**

eBook: 978-0-367-15236-9

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## Essential Concepts of Sustainable Finance

An A-Z Guide



*Edited by* **Elisa Aracil, Ibrahim Sancak**

*Series: A-Z Guides for Environment and Sustainability*

This book compiles and explains technical terms in sustainable finance in an easy-to-navigate A-Z format. With related terms and further reading included alongside the entries, this innovative and accessible volume will be of great interest to students, scholars and practitioners alike.

Routledge

July 2023 : 286pp

Pb: 978-1-032-31687-1 : **£38.99**

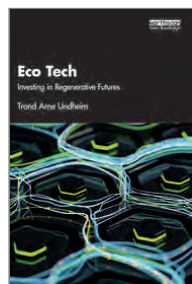
Hb: 978-1-032-31686-4 : **£145**

eBook: 978-1-003-31089-1

\* For full contents and more information, visit: [www.routledge.com/9781032316871](https://www.routledge.com/9781032316871)

## Eco Tech

Investing in Regenerative Futures



**Trond Undheim**

The book is a seminal contribution from a leading futurist who, over the past three decades, has explored each of the most disruptive forces shaping our world today, including emerging technologies, entrepreneurship, venture investments, and industrial manufacturing.

Routledge

August 2023 : 216pp

Pb: 978-1-032-47419-9 : **£35.99**

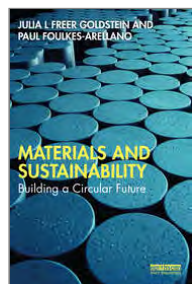
Hb: 978-1-032-47394-9 : **£145**

eBook: 978-1-003-38604-9

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## Materials and Sustainability

Building a Circular Future



**Julia L. Freer Goldstein, Paul Foulkes-Arellano**

This book examines sustainable manufacturing, from the extraction of materials to processing, use and disposal, and argues that significant changes in all of the above are needed for the world to progress toward a more circular economy.

Routledge

April 2024 : 270pp

Pb: 978-1-032-52932-5 : **£34.99**

Hb: 978-1-032-52931-8 : **£145**

eBook: 978-1-003-40926-7

\* For full contents and more information, visit: [www.routledge.com/9781032529325](https://www.routledge.com/9781032529325)

4TH EDITION

## Fundamentals of Sustainable Development



**Niko Roorda**

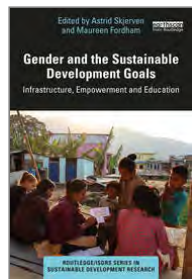
This revised fourth edition provides an accessible and interdisciplinary introduction to sustainable development for undergraduate and postgraduate students across the natural and social sciences, and beyond. It is designed to easily align with structured modules to enable students to work through topics one by one. Timely topics on sustainable business are introduced across the book, including carbon footprints, ecolabels, greenwashing, measuring and reporting, degrowth, and personal and professional action points. This is the must-have resource for students and lecturers in all disciplines who have an interest in the sustainability of our planet, human society and global economy.

Routledge  
January 2025 : 416pp  
Pb: 978-1-032-50465-0 : **£46.99**  
Hb: 978-1-032-50466-7 : **£145**  
eBook: 978-1-003-39862-2

\* For full contents and more information, visit: [www.routledge.com/9781032504650](http://www.routledge.com/9781032504650)

## Gender and the Sustainable Development Goals

Infrastructure, Empowerment and Education



Edited by **Astrid Skjerven** Oslo and Akershus University College of Applied Sciences, Norway, **Maureen Fordham**

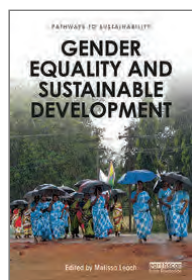
Series: *Routledge/ISDRS Series in Sustainable Development Research*

This book sheds light on the important and mostly neglected role that gender plays in achieving the UN Sustainable Development Goals, doing so by investigating three key problem areas: empowerment, education and infrastructure. This edited collection contains twelve chapters from scholars and researchers from around the world and it includes numerous case studies discussing the current status of gender equality relating to the SDGs. The book will generate important discussions in interdisciplinary research and higher education settings focusing on sustainable development, gender, equality, human rights and education.

Routledge  
September 2022 : 208pp  
Pb: 978-1-032-00452-5 : **£36.99**  
Hb: 978-1-032-00456-3 : **£135**  
eBook: 978-1-003-17425-7

\* For full contents and more information, visit: [www.routledge.com/9781032004525](http://www.routledge.com/9781032004525)

## Gender Equality and Sustainable Development



Edited by **Melissa Leach** University of Sussex, UK

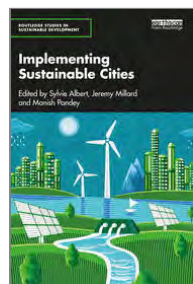
Series: *Pathways to Sustainability*

This book calls for policies, investments and initiatives in sustainable development that recognize women's knowledge, agency and decision-making as fundamental. Such gender-equitable approaches can improve resource productivity and efficiency and enhance ecosystem conservation and sustainable use. They can also build fairer and greener economies, and more sustainable, low-carbon and climate-resilient food, energy, water and sanitation, and health systems. Four key sets of issues – work and industrial production; population and reproduction; food and agriculture, and water, sanitation and energy – provide focal lenses through which the book's chapters consider these challenges.

Routledge  
August 2015 : 228pp  
Pb: 978-1-138-92131-3 : **£28.99**  
Hb: 978-1-138-92130-6 : **£135**  
eBook: 978-1-315-68645-5

\* For full contents and more information, visit: [www.routledge.com/9781138921313](http://www.routledge.com/9781138921313)

## Implementing Sustainable Cities



Edited by **Sylvie Albert** University of Winnipeg, Canada, **Jeremy Millard** Third Millennium Governance, Denmark, **Manish Pandey**

Series: *Routledge Studies in Sustainable Development*

This edited volume brings together international authors to explore how cities around the world are implementing their commitment toward the UN Sustainable Development Goals. It highlights the innovative ways cities can plan their implementation by drawing on comprehensive research and literature reviews. It describes examples of various cities' governance mechanisms, resourcing strategies and implementation strategies. The book will be of great interest to students, researchers, and professionals of urban sustainability, planning, smart cities, and sustainable communities, as well city and government stakeholders including policy makers, economic development corporations and NGOs.

Routledge  
September 2024 : 286pp  
Pb: 978-1-032-58768-4 : **£39.99**  
Hb: 978-1-032-58770-7 : **£135**  
eBook: 978-1-003-45140-2

\* For full contents and more information, visit: [www.routledge.com/9781032587684](http://www.routledge.com/9781032587684)

## Learning Strategies for Sustainable Organisations



**Bryan Hopkins**

Series: *Routledge Studies in Sustainable Development*

This book explores sustainability in the context of organisational practice and its implications for learning. Based on a systems thinking approach, it provides a thorough grounding in the principles of systems thinking and tools that can be used to help implement sustainability-focused learning strategies. This book is a practical guide showing how to facilitate sustainability learning and development within organisations, explaining how to identify gaps in current practice, take into account different contexts and perspectives about what sustainability means, and evaluate results following implementation.

Routledge  
May 2022 : 306pp  
Pb: 978-1-032-11070-7 : **£32.99**  
Hb: 978-1-032-11069-1 : **£135**  
eBook: 978-1-003-21829-6

\* For full contents and more information, visit: [www.routledge.com/9781032110707](http://www.routledge.com/9781032110707)

## Negotiating the Sustainable Development Goals

A transformational agenda for an insecure world



**Felix Dodds** University of North Carolina & Tellus Institute, USA, **Ambassador David Donoghue** Permanent Mission of Ireland to the United Nations, USA, **Jimena Leiva Roesch** International Peace Institute, USA

The Sustainable Development Goals (SDGs) are a universal set of 17 goals, targets and indicators agreed by UN member states to frame their policy agendas for the next fifteen years (2015 to 2030). Written by three authors who have been engaged in the development of the SDGs from the beginning, this book offers an insider view of the process. It reviews how the SDGs were developed, what happened in key meetings and how this transformational agenda which took several years to negotiate came together. It is essential reading for all interested in sustainable development and the future of the planet and humankind, in order to understand the complexity and importance of these issues.

Routledge  
November 2016 : 240pp  
Pb: 978-1-138-69508-5 : **£43.99**  
Hb: 978-1-138-69507-8 : **£135**  
eBook: 978-1-315-52709-3

\* For full contents and more information, visit: [www.routledge.com/9781138695085](http://www.routledge.com/9781138695085)

## Technology, Globalization, and Sustainable Development

Transforming the Industrial State



**Nicholas A Ashford , Ralph P Hall**

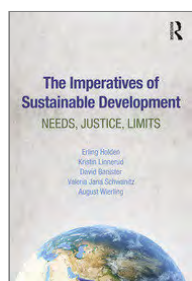
Technology, Globalization and Sustainable Development offers a unified, trans-disciplinary approach for transforming the industrial state in order to promote sustainable development. The authors present a deep analysis of the ways that industrial states – both developed and developing – are currently unsustainable and how economic and social welfare are related to the environment, to public health and safety, and to earning capacity and meaningful and rewarding employment. This book is essential reading for those teaching and studying sustainable development and the critical roles of the economy, employment, and the environment.

Routledge  
August 2018 : 804pp  
Pb: 978-1-138-60553-4 : **£58.99**  
Hb: 978-1-138-60552-7 : **£135**  
eBook: 978-0-429-46805-6

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## The Imperatives of Sustainable Development

Needs, Justice, Limits



**Erling Holden , Kristin Linnerud , David Banister , Valeria Schwanitz , August Wierling**

This book focuses on how our concern for future generations, for the poor, and for the planet puts constraints on our behaviour. Within these constraints, we can pursue the life we want to live. Outside these constraints, development will be unsustainable. These constraints reflect three moral imperatives: satisfying human needs, ensuring social equity, and respecting environmental limits. More importantly, they reflect both moral imperatives laid out in classical philosophical texts on needs and equity, and recent scientific insights on environmental limits. By identifying indicators and thresholds, we show how these moral imperatives can guide policymaking.

Routledge  
September 2017 : 282pp  
Pb: 978-1-138-71426-7 : **£41.99**  
Hb: 978-1-138-71424-3 : **£145**  
eBook: 978-0-203-02217-7

\* For full contents and more information, visit: [www.routledge.com/9781138714267](http://www.routledge.com/9781138714267)

## The Politics of Knowledge in Inclusive Development and Innovation



**Edited by David Ludwig** Wageningen University and Research, Netherlands, **Birgit Boogaard , Phil Macnaghten , Cees Leeuwis**

*Series: Pathways to Sustainability*

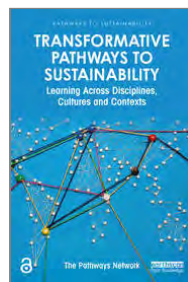
This book develops an integrated perspective on the practices and politics of making knowledge work in inclusive development and innovation. The six parts of the book address the complex interplay of knowledge and politics, starting with the need for knowledge integration in the first part and decolonial perspectives on the politics of knowledge integration in the second part. The following three parts focus on the practices of inclusive development and innovation through three major themes of transformative learning, evidence, and digitization. The final part of the book addresses the governance of knowledge and innovation in the light of political struggles about inclusivity.

Routledge  
October 2021 : 314pp  
Pb: 978-0-367-63225-0 : **£32.99**  
Hb: 978-0-367-63229-8 : **£135**

\* For full contents and more information, visit: [www.routledge.com/9780367632250](http://www.routledge.com/9780367632250)

## Transformative Pathways to Sustainability

Learning Across Disciplines, Cultures and Contexts



*Edited by Adrian Ely*

*Series: Pathways to Sustainability*

The book draws on content and cases from across the 'Pathways' consortium; an international group of six regional hubs that defines sustainability challenges in their own local or national contexts, in the following research areas: agri-food systems, with a focus on open-source seeds in Argentina and sustainable land management in the UK; low-carbon energy transitions that serve the needs of the poor, focusing on mobile-enabled solar home systems in Kenya and social aspects of the green transformation in China; and sustainable urban water and waste, looking at Xochimilco wetland in Mexico and Gurgaon in India.

Routledge  
September 2021 : 266pp  
Pb: 978-0-367-35523-4 : **£32.99**  
Hb: 978-0-367-35522-7 : **£135**

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3RD EDITION

## Understanding Sustainable Development



**John Blewitt** Aston University, UK

A truly comprehensive introduction to the topic, Understanding Sustainable Development is designed to give students on a wide range of courses an appreciation of the key concepts and theories of sustainable development. Fully updated, the third edition includes detailed coverage of the Sustainable Development Goals and their impact on global development.

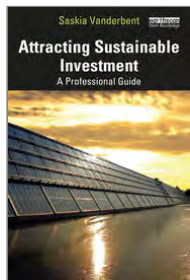
Routledge  
December 2017 : 426pp  
Pb: 978-1-138-20595-6 : **£39.99**  
Hb: 978-1-138-20593-2 : **£150**  
eBook: 978-1-315-46585-2

\* For full contents and more information, visit: [www.routledge.com/9781138205956](http://www.routledge.com/9781138205956)



## Attracting Sustainable Investment

A Professional Guide



**Saskia Vanderbent**

This book is a practitioner's guide to sustainable development, laying out strategies for attracting investment for communities and their partners. It proposes an innovative Sustainable Development Proposition (SDP) decision-making tool based on a propositional calculus that can be used to analyse the sustainability of an infrastructure investment. This book provides sustainable development practitioners, including government agencies, financiers, developers, lawyers and engineers, with a positive, practical guide to addressing and overcoming global issues with local and community-based solutions and funding options.

Routledge  
December 2022 : 282pp  
Pb: 978-1-032-34959-6 : **£31.99**  
Hb: 978-1-032-34963-3 : **£125**  
eBook: 978-1-003-32466-9

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## Designing for Longevity

Expert Strategies for Creating Long-Lasting Products



**Louise Møller Haase, Linda Nhu Laursen**

This book provides designers, developers, and creators with five distinctive expert strategies, detailed case studies, action guides and worksheets that support both beginning and advanced design practitioners in creating new product concepts with long-lasting strategic fits. Key case studies of products such as Bang & Olufsen's A9, LEGO Ninjago and Friends and Coloplast's Sensura Mio, among others, offer readers inspiration, guidance and real-world insights from design teams. Illustrated in full colour throughout, this book combines original research and the hands-on tools and strategies that design practitioners need to create useful, sustainable products.

Routledge  
October 2022 : 278pp  
Pb: 978-1-032-28466-8 : **£31.99**  
Hb: 978-1-032-28470-5 : **£125**  
eBook: 978-1-003-29695-9

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## Reimagining Alternative Technology for Design in the 21st Century



**Brook S. Kennedy**

This book proposes a new approach to design that harnesses still-valuable alternative, traditional and abandoned technologies over the creation of new ones to address contemporary global concerns. It focuses on design concepts that reduce energy and material consumption to tackle issues such as climate change and pollution in industrialised economies. Written for practicing designers and students in industrial design, architecture, sustainable design, and human-centred design, this book provides new ideas and tools for creating more useful, energy- and resource-efficient product designs and systems.

Routledge  
May 2023 : 176pp  
Pb: 978-0-367-41022-3 : **£32.99**  
Hb: 978-0-367-41023-0 : **£125**  
eBook: 978-0-367-81430-4

\* For full contents and more information, visit: [www.routledge.com/9780367410223](http://www.routledge.com/9780367410223)

## Repair

Sustainable Design Futures



*Edited by Markus Berger, Kate Irvin*

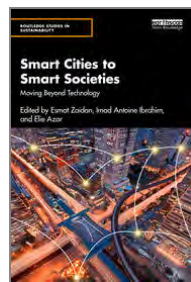
This book investigates repair as a contemporary expression of empowerment, agency, and resistance to our unmaking of the world and our environment. This richly illustrated book, with over 100 visuals, features an international, interdisciplinary group of contributors whose voices and artwork speak to multiple forms of repair as entry points for sparking novel insights into how we might attend to our broken social and physical worlds. Repair will be an essential tool for students, academics, researchers and practitioners in art, design and architecture practice and theory, cultural studies, environment and sustainability.

Routledge  
September 2022 : 288pp  
Pb: 978-1-032-15407-7 : **£36.99**  
Hb: 978-1-032-15405-3 : **£135**  
eBook: 978-1-003-24402-8

\* For full contents and more information, visit: [www.routledge.com/9781032154077](http://www.routledge.com/9781032154077)

## Smart Cities to Smart Societies

Moving Beyond Technology



*Edited by Esmat Zaidan, Imad Antoine Ibrahim, Elie Azar*

*Series: Routledge Studies in Sustainability*

This book explores the governance of smart cities from a holistic approach, arguing that the creation of smart cities must consider the specific the circumstances of each country to improve the preservation, revitalisation, liveability, and sustainability of urban areas. This book argues that a comprehensive approach is necessary to consider all relevant aspects. The book will be an important asset for students and researchers studying law, engineering, political science, international relations, geopolitics, economics and engineering.

Routledge  
May 2025 : 268pp  
Pb: 978-1-032-57430-1 : **£39.99**  
Hb: 978-1-032-57429-5 : **£145**

\* For full contents and more information, visit: [www.routledge.com/9781032574301](http://www.routledge.com/9781032574301)

## Smart Green World?

Making Digitalization Work for Sustainability



**Steffen Lange, Tilman Santarius**

*Series: Routledge Studies in Sustainability*

In this book, the authors investigate how digitization can influence environmental and social sustainability. Smart Green World? provides guiding principles for sustainable digitalization and develops hands-on proposals that show how politicians, individuals, businesses and civil society actors can help achieve it. It also analyses the ecological and economic implications of digitalization and shows how we can actively shape the digital future in order to make it a driving force for sustainable social transformation. Smart Green World? Making Digitalization Work for Sustainability will be of interest to students of sustainability and sustainable development.

Routledge  
May 2020 : 198pp  
Pb: 978-0-367-46757-9 : **£22.99**  
Hb: 978-0-367-46761-6 : **£135**  
eBook: 978-1-003-03088-1

\* For full contents and more information, visit: [www.routledge.com/9780367467579](http://www.routledge.com/9780367467579)

## Waste Matters

Adaptive Reuse for Productive Landscapes



Edited by **Nikole Bouchard** University of Wisconsin-Milwaukee, USA

Waste Matters presents a series of historical and contemporary design ideas that reimagine a range of repurposed materials at diverse scales and in various contexts by exploring methods of hacking, disassembly, reassembly, recycling, adaptive reuse and preservation of the built environment. This book will inspire designers to sample and rearrange bits of artifacts from the past and present to produce culturally relevant and ecologically sensitive materials, objects, architecture and environments.

Routledge

December 2020 : 256pp

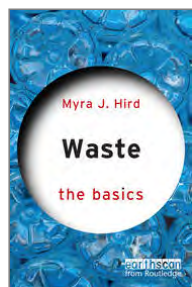
Pb: 978-1-138-59236-0 : **£37.99**

Hb: 978-1-138-59235-3 : **£135**

eBook: 978-0-429-49007-1

\* For full contents and more information, visit: [www.routledge.com/9781138592360](http://www.routledge.com/9781138592360)

## Waste: The Basics



**Myra J. Hird**

Series: *The Basics*

This book answers the questions: why are we facing a global waste crisis, and how can we effectively solve it? It identifies the most common types of waste, its major producers, how we manage waste locally, regionally and globally, and why this management is leading to more waste. It unpacks the complex relationship that waste has with global structures of capitalism, neoliberalism, international trade, poverty, racialized and gendered relations, and social injustice. Waste is written for students and general readers interested in waste as a human health and environmental issue, and anyone curious about where objects go once we put them in the trash or recycling bin.

Routledge

March 2025 : 172pp

Pb: 978-1-032-50424-7 : **£18.99**

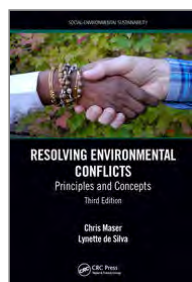
Hb: 978-1-032-50428-5 : **£84.99**

\* For full contents and more information, visit: [www.routledge.com/9781032504247](http://www.routledge.com/9781032504247)

3RD EDITION

## Resolving Environmental Conflicts

Principles and Concepts, Third Edition



Chris Maser, Lynette de Silva

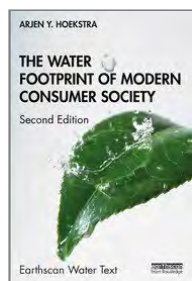
Previous editions have proven highly useful to both academics and practitioners who engage in environmental conflicts. Written in a clear and concise style, the text is a valuable, solution-oriented contribution that explains environmental conflict management. The new edition illustrates how to successfully mediate actual environmental disputes and how to teach conflict resolution at any level for a wide variety of social-environmental situations. Questions are posed at the end of each chapter and a new chapter on water conflicts is added to discuss the applied practice of conflict management.

CRC Press  
January 2023 : 264pp  
Pb: 978-1-032-47556-1 : £43.99  
Hb: 978-1-138-49882-2 : £105  
eBook: 978-0-429-20014-4

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2ND EDITION

## The Water Footprint of Modern Consumer Society



Arjen Y. Hoekstra

Series: Earthscan Water Text

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## Urban Blue Spaces

Planning and Design for Water, Health and Well-Being



Edited by **Simon Bell** Estonian University of Life Sciences, Estonia, **Lora E. Fleming** University of Exeter, UK, **James Grellier** University of Exeter, UK, **Friedrich Kuhlmann** Estonian University of Life Sciences, Estonia, **Mark J. Nieuwenhuijsen** IS Global, UK, **Mathew P. White** University of Exeter, UK

This book presents an evidence-based approach to landscape planning and design for urban blue spaces that maximises the benefits to human health and well-being while minimising the risks. The international editorial team, consisting of researchers and professionals across several disciplines, leads the reader through theoretical aspects, evidence, illustrated case studies, risk assessment and a series of validated tools to aid planning and design, before finishing with overarching planning and design principles for a range of blue-space types. Over 200 full colour illustrations accompany the case study examples from geographic locations all over the world.

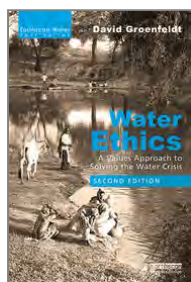
Routledge  
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Pb: 978-0-367-17318-0 : £44.99  
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2ND EDITION

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A Values Approach to Solving the Water Crisis



David Groenfeldt Water-Culture Institute, USA

Series: Earthscan Water Text

This book introduces the idea that ethics are an intrinsic dimension of any water policy, program, or practice, and that understanding what ethics are being acted out in water policies is fundamental to an understanding of water resource management. Fully revised and updated, the new edition continues to consolidate the new field of "water ethics" as a recognized dimension of water-related decision-making, and to provide an introduction to this topic for students of environmental ethics and water governance and management.

Routledge  
March 2019 : 248pp  
Pb: 978-0-815-39202-6 : £39.99  
Hb: 978-0-815-39201-9 : £135  
eBook: 978-1-351-20019-6

\* For full contents and more information, visit: [www.routledge.com/9780815392026](http://www.routledge.com/9780815392026)

## Water Politics

Governance, Justice and the Right to Water



Edited by **Farhana Sultana** Syracuse University, USA, **Alex Loftus** King's College London, UK

Series: Earthscan Water Text

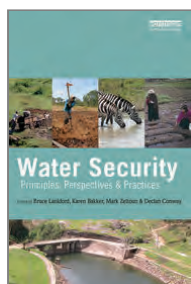
Scholarship on the right to water has proliferated in recent years. This volume broadens existing discussions on the right to water in order to critically shed light on the pathways, pitfalls, prospects, and constraints that exist in achieving global goals, as well as advance debates around water governance and water justice. This textbook is essential reading for students of water governance, environmental policy, politics, geography, and law. It will be of great interest to policymakers and practitioners working in water governance and the human right to water and sanitation.

Routledge  
September 2019 : 238pp  
Pb: 978-1-138-32003-1 : £39.99  
Hb: 978-1-138-32002-4 : £135  
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## Water Security

Principles, Perspectives and Practices



Edited by **Bruce Lankford** University of East Anglia, UK, **Karen Bakker** University of British Columbia, Canada, **Mark Zeitoun** University of East Anglia, UK, **Declan Conway** London School of Economics, UK

Series: Earthscan Water Text

The purpose of this book is to present an overview of the latest research, policy, practitioner, academic and international thinking on water security – an issue that, like water governance a few years ago, has developed much policy awareness and momentum with a wide range of stakeholders. As a concept it is open to multiple interpretations and the authors here set out the various approaches to the topic from different perspectives. Delivered by international authorities on their subjects, it should serve as an introductory textbook as well as being of value to professionals, NGOs and policy-makers.

Routledge  
October 2013 : 376pp  
Pb: 978-0-415-53471-0 : £61.99  
Hb: 978-0-415-53470-3 : £165  
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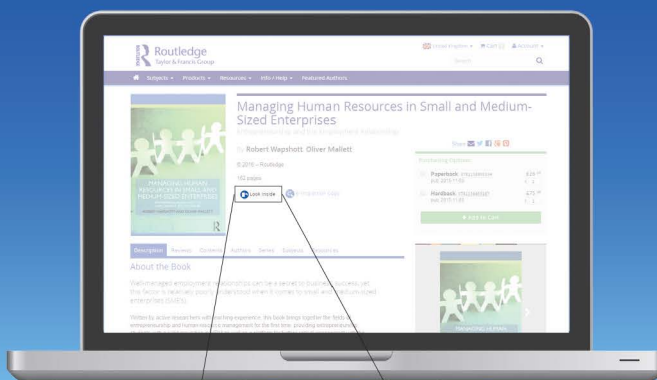
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