

## Routeledge Handbook Of Sustainability And Fashion Routledge International Handbooks

Praise for the first edition: This book should be of interest to anyone interested in sustainable development, and especially sustainability indicators. Bell and Morse easily succeed in exposing the fundamental paradoxes of these concepts and, more importantly, they offer us a way forward. Readers ... will find their practical recommendations for those attempting to do sustainability analysis in the field most welcome, which is also the book's greatest strength. Local Environment: The International Journal of Justice and Sustainability This book makes a valuable contribution to the theory and practice of using indicators for sustainability. It introduces systems ideas and a range of tools and techniques that have the potential to broaden and deepen our understanding of a whole range of complex situations. Well worth a closer look. Christine Blackmore, Open University This is a book that explores new ways of thinking about how to measure sustainability... It offers stimulating food for thought for environmental educators and researchers. Environmental Education Research This book tells me, as an SI 'practitioner,' where I have been and why, and more importantly how I should be thinking in order to effectively present to and empower the local community in the years ahead." David Ellis, Principal Pollution Monitoring Officer, Norwich City Council A practical guide to the development of sustainability indicators which offers a systemic and participative way to use them at local scale. Our preliminary results are highly positive and the approach is applicable in many contexts. Elizabeth Couderet, Programme Officer Prospective and Regional Development, Blue Plan The groundbreaking first edition of Sustainability Indicators reviewed the development and value of sustainability indicators and discussed the advantage of taking a holistic and qualitative approach rather than focusing on strictly quantitative measures. In the new edition the authors bring the literature up to date and show that the basic requirement for a systemic approach is now well grounded in the evidence. They examine the origins and development of Systemic Sustainability Analysis (SSA) as a theoretical approach to sustainability which has been developed in practice in a number of countries on an array of projects since the first edition. They look at how SSA has evolved into the practical approaches of Systemic Prospective Sustainability Analysis (SPSA) and IMAGINE, and, in particular, how a wide range of participatory methodologies have been adopted over the years. They also provide an assessment of the strengths and weaknesses of projects that undertake work in the general field of sustainable development.

The Routledge Handbook of the History of Sustainability is a far-reaching survey of the deep and contemporary history of sustainability. This innovative resource will help to define the history of sustainability as an identifiable field. It provides a unique resource for advanced undergraduates, graduate students, and scholars, and delivers essential context for understanding the current state and future path of the sustainability movement. The history of sustainability is an increasingly important domain within the discipline of history, which draws on an interdisciplinary set of fields, ranging from energy studies, transportation, and urbanism to environmental history, economics, and philosophy. Key sections in this handbook cover the historiography of sustainability, resilience and collapse in historical societies, the deep roots of sustainability (seventeenth century to nineteenth century), the recent history of sustainability (twentieth century to present), and core issues and key debates in sustainability. This handbook is an invaluable research and teaching tool for those interested in the history and development of sustainability and an essential resource for the many sustainability studies programs that now exist in the world's universities.

This handbook offers a comprehensive transdisciplinary examination of the research and practices that constitute the emerging research agenda in energy democracy. With protests over fossil fuels and controversies over nuclear and renewable energy technologies, democratic ideals have contributed to an emerging social movement. Energy democracy captures this movement and analyses the issues of energy access, participation at a time when there are expanding social, political, environmental, and economic demands on energy systems. This volume defines energy democracy as both a social movement and an academic area of study and examines it through a social science and humanities lens, explaining key concepts and reflecting state-of-the-art research. The collection is comprised of six parts: 1 Sclarar Dimensions of Power and Governance in Energy Democracy 2 Discourses of Energy Democracy 3 Grassroots and Critical Modes of Action 4 Democratic and Participatory Principles 5 Energy Resource Tensions 6 Energy Democracies in Practice The vision of this handbook is explicitly transdisciplinary and global, including contributions from interdisciplinary international scholars and practitioners. The Routledge Handbook of Energy Democracy 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.

This volume provides an overview of key themes in Indigenous Environmental Knowledge (IEK) and anchors them with brief but well-grounded empirical case studies of relevance for each of these themes, drawn from bioculturally diverse areas around the world. It provides an incisive, cutting-edge overview of the conceptual and philosophical issues, while providing constructive examples of how IEK studies have been implemented to beneficial effect in ecological restoration, stewardship, and governance schemes. Collectively, the chapters in the Routledge Handbook of Indigenous Environmental Knowledge cover Indigenous Knowledge not only in a wide range of cultures and livelihood contexts, but also in a wide range of environments, including drylands, savannah grassland, tropical forests, mountain landscapes, temperate and boreal forests, Pacific and Indian Ocean islands, and coastal environments. The chapters discuss the complexities and nuances of Indigenous cosmologies and ethno-metaphysics and the treatment and incorporation of IEK in local, national, and international environmental policies. Taken together, the chapters in this volume make a strong case for the potential of Indigenous Knowledge in addressing today's local and global environmental challenges, especially when approached from a perspective of appreciative inquiry, using cross-cultural methods and ethical, collaborative approaches which limit bias and inappropriate extraction of IEK. The book is a guide for graduate and advanced undergraduate teaching, and a key reference for academics in development studies, environmental studies, geography, anthropology, and beyond, as well as anyone with an interest in Indigenous Environmental Knowledge.

The Routledge Handbook of Democracy and Sustainability  
 Routledge Handbook of Environmental Conflict and Peacebuilding  
 Routledge Handbook of Ecocultural Identity  
 Routledge Handbook of Environmental Journalism  
 Routledge Handbook of Energy Democracy

**The natural environment is a central issue in both academic and wider societal discourse. The global sport industry is not immune from this discussion and has to confront its responsibility to reduce its impact on the natural environment. This book goes further than any other in surveying both the challenges and the opportunities presented to the sports industry as it engages with the sustainability agenda, exploring the various ways in which sport scholars can integrate sustainability into their research. With a multidisciplinary sweep, including management, sociology, law, events, and ethics, this is a ground-breaking book in the study of sport. Drawing on cutting-edge research, it includes over thirty chapters covering all the most important themes in contemporary sport studies such as: climate change, sustainability, and corporate social responsibility ethics, governance, and the law event management, tourism, and pollution marketing, branding, and consumer behavior the Olympics, urban development, and mega-event legacies. With contributions from world-leading researchers and practitioners from around the globe, this is the most comprehensive book ever published on sport and the environment.**

**This handbook provides a comprehensive and authoritative survey of Global Environmental Politics. It brings together leading international academic experts and features 40 chapters that: Describe the history of global environmental politics as a discipline and explain the various theories and perspectives used by scholars and students to understand it. Examine the key actors and institutions in global environmental politics, explaining the role of states, international organizations, regimes, international law, foreign policy institutions, domestic politics, corporations and transnational actors. Address the ideas and themes shaping the practice and study of global environmental politics, including supply, competition, expertise, uncertainty, security, diplomacy, Non-50th relations, justice, ethics, participation and citizenship. Assess the key issues and policies within global environmental politics, including energy, climate change, ozone depletion, air pollution, acid rain, sustainable transport, persistent organic pollutants, hazardous wastes, rivers, wetlands, oceans, fisheries, marine mammals, biodiversity, migratory species, natural heritage, forests, desertification, food and agriculture. With an in-depth new preface by the Editor, this edition of the handbook is an invaluable resource for students, scholars, researchers and practitioners of environmental politics, environmental studies, environmental science, geography, international relations and political science.**

**Routledge Handbook of Tourism and Sustainability** edited by C. Michael Hall, Stefan Gössling, Daniel Scott is one of the winners of the ITB BookAwards 2016 in the category Specialist tourism literature! Sustainability remains one of the major issues in tourism today. Concerns over climate and environmental change, the fallout from the global economic and financial crisis, and the seeming failure to meeting UN Millennium development goals have only reinforced the need for more sustainable approaches to tourism, however they be defined. Given the centrality of sustainability in tourism curricula, policies, research and practice it is therefore appropriate to prepare a state of the art handbook on the relationship between tourism and sustainability. This timely Handbook of Tourism and Sustainability is developed from specifically commissioned original contributions from recognised authors in the field, providing a systematic guide to the current state of knowledge on this area. It is interdisciplinary in coverage and international in scope through its authorship and content. The volume commences with an assessment of tourism's global environmental, e.g. climate, emissions, energy use, biodiversity, water use, land use, and socio-economic effects, e.g. economic impacts, employment and livelihoods, culture. This then provides the context for sections outlining the main theoretical frameworks and constructs that inform tourism and sustainability, management tools and approaches, and the approaches used in different tourism and travel industry sectors. The book concludes by examining emerging and future concerns in tourism and sustainability such as peak-oil, post-carbon tourism, green economy and transition tourism. This is essential reading for students, researchers and academics interested in the possibilities of sustainable forms of tourism and tourism's contribution to sustainable development. Its assessment of tourism's global impact along with its overviews of sectoral and management approaches will provide a benchmark by which the sustainability of tourism will be measured for years to come.

**This Handbook gives a comprehensive, international and cutting-edge overview of Sustainable Development. It integrates the key imperatives of sustainable development, namely institutional, environmental, social and economic, and calls for greater participation, social cohesion, justice and democracy as well as limited throughput of materials and energy. The nature of sustainable development and the book's theorization of the concept underline the need for interdisciplinarity in the discourse as exemplified in each chapter of this volume. The Handbook employs a critical framework that problematises the concept of sustainable development and the struggle between discursivity and control that has characterised the debate. It provides original contributions from international experts coming from a variety of disciplines and regions, including the Global South. Comprehensive in scope, it covers, amongst other areas: Sustainable architecture and design Biodiversity Sustainable business Climate change Conservation Sustainable consumption De-growth Disaster management E-co-system services Education Environmental justice Food and sustainable development Governance Gender Health Indicators for sustainable development Indigenous perspectives Urban transport The Handbook offers researchers and students in the field of sustainable development invaluable insights into a contested concept and the alternative worldviews that it has fostered.**

Routledge Handbook of Gender and Environment  
 Routledge Handbook of Sustainable and Resilient Infrastructure  
 Sustainability Indicators  
 Routledge Handbook of Sustainability Indicators

**The Routledge Handbook of Sustainable Food and Gastronomy**  
*The Routledge International Handbook of Higher Education for Sustainable Development gives a systematic and comprehensive overview of existing and upcoming research approaches for higher education for sustainable development. It provides a unique resource for researchers engaged in the field of higher education for sustainable development by connecting theory and aspects of a range of relevant methodologies, showing the interdisciplinarity of the research field and illustrating the breadth of research directions. With a team of international authors from leading universities in research and teaching in higher education for sustainable development this Handbook brings together a broad range of research approaches and shows how these are reflected in the research practice in higher education for sustainable development. Key topics include: Research Paradigms and Methodologies Ongoing and Future Directions of Research Meta-Analysis and Reviews Policy and Politics Challenges for Implementation Action Research and Transdisciplinary Perspective Gender, Diversity and Post-Colonial Perspectives Operationalising Complexities Outcome-Oriented Research Curriculum Change Organisational Change and Organisational Learning Community and Partnerships University Appraisal Systems and Indicators Evaluation Approaches Engaging Academic Teachers Good Practice Learning and Teaching Transformative Leadership and Change Strategies This Handbook is an invaluable research and teaching tool for all those working in higher education for sustainable development.*  
*The last twenty years have seen a rapid increase in scholarly activity and publications dedicated to environmental migration and displacement, and the field has now reached a point in terms of profile, complexity, and sheer volume of reporting that a general review and assessment of existing knowledge and future research priorities is warranted. So far, such a product does not exist. The Routledge Handbook of Environmental Displacement and Migration provides a state-of-the-science review of research on how environmental variability and change influence current and future global migration patterns and, in some instances, trigger large-scale population displacements. Drawing together contributions from leading researchers in the field, this compendium will become a go-to guide for established and newly interested scholars, for government and policymaking entities, and for students and their instructors. It explains theoretical, conceptual, and empirical developments that have been made in recent years; describes their origins and connections to broader topics including migration research, development studies, and international public policy and law; and highlights emerging areas where new and/or additional research and reflection are warranted. The structure and the nature of the book allow the reader to quickly find a concise review relevant to conducting research or developing policy on particular topics, and to obtain a broad, reliable survey of what is presently known about the subject.*

*Climate change is one of the greatest challenges facing human kind owing to the great uncertainty regarding future impacts, which affect all regions and many ecosystems. Many publications deal with economic issues relating to mitigation policies, but the economics of adaptation to climate change has received comparatively little attention. However, this area is critical and a central pillar of any adaptation strategy or plan and is the economic dimension, which therefore merits the increase in attention it is receiving. This book deals with the difficulties that face the economics of adaptation. Critical issues include: uncertainty; baselines; reversibility, flexibility and adaptive management; distributional impacts; discount rates and time horizons; mixing monetary and non-monetary evaluations and limits to the use of cost-benefit analysis; economy-wide impacts and cross-sectoral linkages. All of these are addressed in the book from the perspective of economics of adaptation. Other dimensions of adaptation are also included, such as the role of low- and middle-income countries, technology and the impacts of extreme events. This timely book will prove essential reading for international researchers and policy makers in the fields of natural resources, environmental economics and climate change.*  
*This handbook showcases the broad spectrum of diverse approaches to environmental accounting which have developed during the last 30 years across the globe. The volume 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. Moreover, seven chapters present environmental accounting issues that arise in the regions of Africa, Asia, Europe, MENA, North America, the Pacific and South America. The handbook also highlights future challenges in all the topic areas addressed as well as introducing new topics, such as links between environmental accounting and the circular economy, and the issues associated with animal rights. Edited by leading scholars in the area and with key contributions from across the discipline, and covering a diverse range of perspectives and locations, the volume is divided into five key parts: • Part 1: Framing the issues • Part 2: Financial accounting and reporting • Part 3: Management accounting • Part 4: Global and local perspectives • Part 5: Thematic topics in environmental accounting This handbook will act as a significant publication in drawing together the history of the field and important reference points in its future development, and will serve as a vital resource for students and scholars of environmental accounting and environmental economics.*

Routledge Handbook of Global Environmental Politics  
 Routledge Handbook of the History of Sustainability  
 Routledge Handbook of Sustainable Development in Asia  
 Measuring the Immeasurable?  
 The Routledge Handbook of Sustainable Cities and Landscapes in the Pacific Rim

**This Handbook includes contributions from established and emerging scholars from around the world and draws on multiple approaches and subjects to explore the socio-economic, cultural, ecological, institutional, legal and policy aspects of regenerative food practices. The future of food is uncertain. We are facing an overwhelming number of interconnected and complex challenges related to the ways we grow, distribute, access, eat, and dispose of food. Yet, there are stories of hope and opportunities for radical transition towards food systems that enhance the ability of living things to co-evolve. Given this, activities and imaginaries looking to improve, rather than just sustain, communities and ecosystems are needed, as are fresh perspectives and new terminology. The Routledge Handbook of Sustainable and Regenerative Food Systems addresses this need. The chapters cover diverse practices, geographies, scales and entry-points. They focus not only on the core requirements to deliver sustainable agriculture and food supply, but go beyond this to think about how these can also actively participate with social-ecological systems. The book is presented in an accessible way, with reflection questions meant to spark discussion and debate on how to transition to safe, just and healthy food systems. Taken together, the chapters in this Handbook highlight the consequences of current food practices and showcase the multiple ways that people are doing food differently. The Routledge Handbook of Sustainable and Regenerative Food Systems is essential reading for students and scholars interested in food systems, governance and practices, agroecology, rural sociology and socio-environmental studies.**

**The Routledge Handbook of Gender and Environment** gathers together state-of-the-art theoretical reflections and empirical research from leading researchers and practitioners working in this transdisciplinary and transnational academic field. Over the course of the book, these contributors provide critical analyses of the gender dimensions of a wide range of timely and challenging topics, from sustainable development and climate change politics, to queer ecology and interspecies ethics in the so-called Anthropocene. Presenting a comprehensive overview of the development of the field from early political critiques of the male domination of women and nature in the 1980s to the sophisticated intersectional and inclusive analyses of the present, the volume is divided into four parts: Part I: Foundations Part II: Politics, policy and practice Part IV: Futures. Comprising chapters written by forty contributors with different perspectives and working in a wide range of research contexts around the world, this Handbook will serve as a vital resource for scholars, students, and practitioners in environmental studies, gender studies, human geography, and the environmental humanities and social sciences more broadly.

**The Routledge Handbook of Environmental Journalism** provides a thorough understanding of environmental journalism around the world. An increasing number of media platforms – from newspapers and television to Internet social media networks – are the major providers of indispensable information about the natural world and environmental risk. Despite the dramatic changes in the news industry that have tended to reduce the number of full-time newspaper reporters, environmental journalists remain key to bringing stories to light across the globe. With contributions from around 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 – this book provides support for today's environmental 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 students and scholars of environmental communication, journalism, and global environmental issues more generally, as well as professionals working in this vital area.

**The Routledge Handbook of Sport and Sustainable Development** is a comprehensive and powerful survey of the ways in which sport engages with its social, environmental, and ethical responsibilities. It considers how sport can use its unique profile and platform to influence the attitudes of sport fans and consumers to promote positive social and environmental action around the world and to contribute to sustainable development, perhaps the most important issue of our time. The book is structured around the 17 UN Sustainable Development Goals, with a section devoted to each goal that contains chapters reviewing key theory and current research, measurement and evaluation issues, and the application of current knowledge in real-world development situations. Drawing on research and expertise from management, sociology, development studies, psychology, and other disciplines, the book examines the role that sport must play in areas such as health and well-being, poverty, education, gender equality, decent work, responsible consumption, and climate action. Representing a keynote work on the wider social responsibilities of sport as both an industry and sociocultural activity, this is essential reading for any advanced student or researcher working in sport development, sport management, sport sociology, event studies, development studies, or environmental studies, and for any development practitioner or sport management professional looking to understand how to achieve positive social change in and through sport.

The Routledge Handbook of Sport and Sustainable Development  
 Routledge Handbook of Sustainable Design  
 Shaping a sustainable and healthy future  
 Routledge Handbook of Sustainability and Fashion

*To best serve current and future generations, infrastructure needs to be resilient to the changing world while using limited resources in a sustainable manner. Research on and funding towards sustainability and resilience are growing rapidly, and significant research is being carried out at a number of institutions and centers worldwide. This handbook brings together current research on sustainable and resilient infrastructure and, in particular, stresses the fundamental nexus between sustainability and resilience. It aims to coalesce work from a large and diverse group of contributors across a wide range of disciplines including engineering, technology and informatics, urban planning, public policy, economics, and finance. Not only does it present a theoretical formulation of sustainability and resilience but it also demonstrates how these ideals can be realized in practice. This work will provide a reference text to students and scholars of a number of disciplines.*  
*The issues surrounding the provision, preparation and development of food products is fundamental to every human being on the planet. Given the scarcity of agricultural land, environmental pollution, climate change and the exponential growth of the world's population where starvation and obesity are both widespread it is little wonder that exploring the frontiers of food is now a major focus for many food and agriculture practitioners. This timely Handbook provides a systematic guide to the current state of knowledge on sustainable food. It begins by analyzing the historical development surrounding food production and consumption, then moves on to discuss the current food crisis and challenges as well as the impacts linked to modern agriculture and food security. Finally, it concludes with a section that examines emerging sustainable food trends and movements in addition to an analysis of current food science innovations. Developed from specifically commissioned original contributions the Handbook's inherent multidisciplinary approach paves the way for deeper understanding of all aspects linked to the evolution of food in society, including insights into local food, food and tourism, organic food, indigenous and traditional food, sustainable restaurant practices, consumption patterns and sourcing. This book is essential reading for students, researchers and academics interested in the possibilities of sustainable forms of gastronomy and gastronomy's contribution to sustainable development. The title includes a foreword written by Roberto Fleur, Head Chef at the Nordic Food Lab, Copenhagen, Denmark.*

*The Routledge Handbook of Ecocultural Identity brings the ecological turn to sociocultural understandings of self. The editors introduce a broad, insightful assembly of original theory and research on planetary positionalities in flux in the Anthropocene – or what in this Handbook cultural ecologist David Abram presciently renames the Humlocene, a new "epoch of humility." Forty international authors craft a kaleidoscopic lens, focusing on the following key interdisciplinary inquiries: Part I illuminates identity as always ecological, expanding dominant understandings of who we are and how our ways of identifying engender earthly outcomes. Part II examines ways ecocultural identities are fostered and how difference and spaces of interaction can be sources of environmental conviviality. Part III illustrates consequential ways the media sphere informs, challenges, and amplifies particular ecocultural identities. Part IV delves into the constitutive power of ecocultural identities and illuminates ways ecological forces shape the political sphere. Part V demonstrates multiple and unspooling ways in which ecocultural identities can evolve and transform to real ways forward to reciprocal surviving and thriving. The Routledge Handbook of Ecocultural Identity provides an essential resource for scholars, teachers, students, protectors, and practitioners interested in ecological and sociocultural regeneration. The Routledge Handbook of Ecocultural Identity has been awarded the 2020 Book Award from the National Communication Association's (USA) Environmental Communication Division.*  
*The idea that nature provides services to people is one of the most powerful concepts to have emerged over the last two decades. It is shaping our understanding of the role that biodiverse ecosystems play in the environment and their benefits for humankind. As a result, there is a growing interest in operational and methodological issues surrounding ecosystem services amongst environmental managers, and many institutions are now developing teaching programmes to equip the next generation with the skills needed to apply the concepts more effectively. This handbook provides a comprehensive reference text on ecosystem services, integrating natural and social science (including economics). Collectively the chapters, written by the world's leading authorities, demonstrate the importance of nature for people, policy and practice. They also show how the value of ecosystems to society can be expressed in monetary and non-monetary terms, so that the environment can be better taken into account in decision making. The significance of the ecosystem service paradigm is that it helps us redefine and better communicate the relationships between people and nature. It is shown how these are essential to resolving challenges such as sustainable development and poverty reduction, and the creation of a green economy in developing and developed world contexts.*

The Routledge Handbook of Indigenous Environmental Knowledge  
 Routledge Handbook of Sustainable and Regenerative Food Systems  
 Routledge International Handbook of Sustainable Development  
 Design for Change  
 Routledge Handbook of the Extractive Industries and Sustainable Development

In recent years the concept of the resource "nexus" has been both hotly debated and widely adopted in research and policy circles. It is a powerful new way to understand and better govern the myriad complex relationships between multiple resources, actors and their security concerns. Particular attention has been paid to water, energy and food interactions, but land and materials emerge as critical too. This comprehensive handbook presents a detailed review of current knowledge about resource nexus-related frameworks, methods and governance, including a broad set of inter-disciplinary perspectives. Written by an international group of scholars and practitioners, the volume focuses on rigorous research, including tools, methods and modelling approaches to analyse resource use patterns across societies and scales from a "nexus perspective". It also provides numerous examples from political economy to demonstrate how resource nexus frameworks can illuminate issues such as land grants, mining, renewable energy and the growing importance of economies such as China, as well as to propose lessons and outlooks for sound governance. The volume seeks to serve as an essential reference text, source book and state-of-the-art, science-based assessment of this increasingly important topic – the resource nexus – and its utility in efforts to enhance sustainability of many kinds and implement the United Nations Sustainable Development Goals in an era of environmental and geopolitical change.

"The Routledge Handbook of the Extractive Industries and Sustainable Development provides a cutting edge, comprehensive overview of current trends, challenges and opportunities for metal and mineral production and use, in the context of climate change and the United Nation Sustainable Development Agenda 2030. Minerals and metals are used throughout the world in manufacturing, construction, infrastructure, production of electronics and consumer goods. Alongside this widespread use, extraction and processing of mineral resources take place in almost every nation at varying scales, both in developing countries through to major developed nations. The chapters in this interdisciplinary handbook examine the international governance mechanisms regulating social, environmental and economic implications of mineral resource extraction and use. The original contributors, from a range of scholars, examine the relevance of the mining industry to the United Nations Sustainable Development Goals (SDGs), reviewing important themes such as local communities indigenous peoples, gender equality and fair trade, showing how mining can influence global sustainable development. The chapters are organised into three sections: Global Trends in Mineral Resource Consumption and Production; Technology, Minerals and Sustainable Development; and Management of Social Environmental and Economic Issues in the Mining Industry. This handbook will serve as an important resource for students and researchers of geology, geography, earth science, environmental studies, engineering, international development, sustainable development and business management, among others. It will also be of interest to professionals in governmental, international and non-governmental organisations that are working on issues of resource governance, environmental protection and social justice" -

As a cultivated form of invention, product design is a deeply human phenomenon that enables us to shape, modify and alter the world around us – for better or worse. The recent emergence of the sustainability imperative in product design compels us to recalibrate the parameters of good design in an unsustainable age. Written by designers, for designers, the Routledge Handbook of Sustainable Product Design presents the first systematic overview of the burgeoning field of sustainable product design. Brimming with intelligent viewpoints, critical propositions, practical examples and rich theoretical analyses, this book provides an essential point of reference for scholars and practitioners at the intersection of product design and sustainability. The book takes readers to the depth of our engagements with the designed world to advance the social and ecological purpose of product design as a critical twenty-first-century practice. Comprising 35 chapters across 6 thematic parts, the book's contributors include the most significant international thinkers in this dynamic and evolving field.

The Routledge Handbook of Environmental Justice presents an extensive and cutting-edge introduction to the diverse, rapidly growing body of research on pressing issues of environmental justice and injustice. With wide-ranging discussion of current debates, controversies, and questions in the history, theory, and methods of environmental justice research, contributed by over 90 leading social scientists, natural scientists, humanists, and scholars from professional disciplines from six continents, it is an essential resource both for newcomers to this research and for experienced scholars and practitioners. The chapters of this volume examine the roots of environmental justice activism, lay out and assess key theories and approaches, and consider the many different substantive issues that have been the subject of activism, empirical research, and policy development throughout the world. The Handbook features critical reviews of quantitative, qualitative, and mixed methodological approaches and explicitly addresses interdisciplinarity, transdisciplinarity, and engaged research. Instead of adopting a narrow regional focus, it tackles substantive issues and presents perspectives from political and cultural systems across the world, as well as addressing activism for environmental justice at the global scale. Its chapters do not simply review the state of the art, but also propose new conceptual frameworks and directions for research, policy, and practice. Providing detailed but accessible overviews of the complex, varied dimensions of environmental justice and injustice, the Handbook is an essential guide and reference not only for researchers engaged with environmental justice, but also for undergraduate and graduate teaching and for policymakers and activists.

Routledge Handbook of the Resource Nexus  
 Routledge Handbook of Sustainable Product Design  
 The Routledge Handbook of Vegan Studies  
 Routledge Handbook of Global Sustainability Governance  
 The Routledge Handbook of Planning for Health and Well-Being

This handbook provides comprehensive and critical coverage of the dynamic and complex relationship between democracy and sustainability in contemporary theory, discourse, and practice. Distinguished scholars from different disciplines, such as political science, sociology, philosophy, international relations, look at the present state of this relationship, asking how it has evolved and where it is likely to go in the future. They examine compatibilities and tensions, continuities and changes, as well as challenges and potentials across theoretical, empirical and practical contexts. This wide-spanning collection brings together multiple established and emerging viewpoints on the debate between democracy and sustainability which have, until now, been fragmented and diffuse. It comprises diverse theoretical and methodological perspectives discussing democracy's role in, and potential for, coping with environmental issues at the local and global scales. This handbook provides a comprehensive overview of arguments, claims, questions, and insights that are put forward regarding the relationship between democracy and sustainability. In the process, it not only consolidates and condenses, but also broadens and captures the many nuances of the debate. By showing how theoretical, empirical and practical accounts are interrelated, focusing on diverse problem areas and spheres of action, it serves as a knowledge source for professionals who seek to develop action strategies that do justice to both sustainability and democracy, as well as providing a valuable reference for academic researchers, lecturers and students.

This volume provides a comprehensive overview of the interactions and feedbacks between urbanization and global environmental change. A key focus is the examination of how urbanization influences global environmental change, and how global environmental change in turn influences urbanization processes. It has four thematic foci: Theme 1 addresses the pathways through which urbanization drives global environmental change. Theme 2 addresses the pathways through which global environmental change affects the urban system. Theme 3 addresses the interactions and responses within the urban system in response to global environmental change. Theme 4 centers on critical emerging research.

Routledge Handbook of Sustainability and Fashion  
 Routledge Handbook of Sustainable Design  
 This handbook provides researchers and students with an overview of the field of sustainability indicators (SIs) as applied in the interdisciplinary field of sustainable development. The editors have sought to include views from the center ground of SI development but also divergent views which represent some of the diverse, challenging and even edgy observations which are prominent in the wider field of SI thinking. The contributions in this handbook: • Clearly set out the theoretical background and history of SIs, their origins, roots and initial goals • Expand on the disciplines and modalities employed to develop SIs of various kinds • Assess the various ways in which SI data are gathered and the availability (over space and time) and quality issues that surround them • Explore the multiplex world of SIs as expressed in agencies around the world, via examples of SSI practice and the lessons that have emerged from them. • Critically review the progress that SIs have made over the last thirty year • Express the divergence of views which are held about the value of SIs including differing views about their efficacy, efficiency and ethics • Explore the frontier of contemporary SI thinking, reviewing anti/ post and systemic alternatives This multidisciplinary and international Handbook will be of great interest to researchers, students and practitioners working in sustainability research and practice.

Routledge Handbook of Ecosystem Services  
 Routledge Handbook of Sport and the Environment  
 The Routledge Handbook of Research Methods for Social-Ecological Systems  
 Routledge Handbook of Sustainable Real Estate  
 The Routledge Handbook of Urbanization and Global Environmental Change

**This handbook includes contributions from established and emerging scholars from around the world and draws on multiple approaches and subjects to explore the socio-economic, cultural, ecological, institutional, legal, and policy aspects of regenerative food practices. The future of food is uncertain. We are facing an overwhelming number of interconnected and complex challenges related to the ways we grow, distribute, access, eat, and dispose of food. Yet, there are stories of hope and opportunities for radical change towards food systems that enhance the ability of living things to co-evolve. Given this, activities and imaginaries looking to improve, rather than just sustain, communities and ecosystems are needed, as are fresh perspectives and new terminology. The Routledge Handbook of Sustainable and Regenerative Food Systems addresses this need. The chapters cover diverse practices, geographies, scales, and entry-points. They focus not only on the core requirements to deliver sustainable agriculture and food supply, but go beyond this to think about how these can also actively participate with social-ecological systems. The book is presented in an accessible way, with reflection questions meant to spark discussion and debate on how to transition to safe, just, and healthy food systems. Taken together, the chapters in this handbook highlight the consequences of current food practices and showcase the multiple ways that people are doing food differently. The Routledge Handbook of Sustainable and Regenerative Food Systems is essential reading for students and scholars interested in food systems, governance and practices, agroecology, rural sociology, and socio-environmental studies.**

**The Routledge Handbook of Global Sustainability Governance** provides a state-of-the-art review of core debates and contributions that offer a more normative, critical, and transformatively aspirational view on global sustainability governance. In this landmark text, an international group of acclaimed scholars provides an overview of key analytical and normative perspectives, material and ideational structural barriers to sustainability transformation, and transformative strategies. Drawing on pivotal new and contemporary research, the volume highlights aspects to be considered and blind spots to be avoided when trying to understand and implement global sustainability governance. In this context, the authors of this book debunk many myths about all-too optimistic accounts of progress towards a sustainability transition. Simultaneously, they suggest approaches that have the potential for real sustainability transformation and systemic change, while acknowledging existing hurdles. The wide-ranging chapters in the collection are organised into four key parts: • Part 1: Conceptual lenses • Part 2: Ethics, principles, and debates • Part 3: Key challenges • Part 4: Transformative approaches This handbook will serve as an important resource for academics and practitioners working in the fields of sustainability governance and environmental politics.

**The Routledge Handbook of Sustainable Design** considers the design, not only of artifacts, but of structures, systems, and interactions that bear our decisions and identities in the context of sustaining our shared planet. In addressing issues of design for global impact, behavior change, systems and strategy, ethics and values, this handbook presents a unique and powerful design perspective. Just as there are multiple definitions of design, so there are several definitions of sustainability, making it difficult to find unity. The term can sometimes be seen as a goal to achieve, or a characteristic to check off on a list of criteria. In actuality, we will never finish being sustainable. We must instead always strive to design, work, and live sustainably. The voices throughout this handbook present many different characteristics, layers, approaches, and perspectives in this journey of sustaining. This handbook divides into five sections, which together present a holistic approach to understanding the many facets of sustainable design: Part 1: Systems and Design Part 2: Global Impact Part 3: Values, Ethics, and Identity Part 4: Design for Behavior Change Part 5: Moving Forward This handbook will be invaluable to those wishing to broaden their understanding of sustainable design and students and practitioners of Environmental Studies, Architecture, Product Design and the Visual Arts.

**This volume provides a comprehensive overview of a large body of research examining the linkage between environmental scarcity, violent conflict, and cooperation. However, this environmental security polemic is still trying to deliver a well-defined approach to achieving peace. Studies are being undertaken to find the precise pathways by which cooperative actions are expected not only to prevent or moderate resource conflicts but also to help diffuse cooperative behaviour to other disputed issues. The recognition that environmental resources can contribute to violent conflict accentuates their potential significance as pathways for cooperation and the consolidation of peace in post-conflict societies. Conceived as a single and reliable reference source which will be a vital resource for students, researchers, and policy makers alike, the Routledge Handbook of Environmental Conflict and Peacebuilding presents a wide range of chapters written by key thinkers in the field, organised into four key parts: Part I: Review of the concept and theories; Part II: Review of thematic approaches (resources, scarcity, intervention, adaptation, and peacebuilding); Part III: Case studies (Middle East, Iraq, Jordan, Liberia, Nepal, Colombia, Philippines); Part IV: Analytical challenges and future-oriented perspectives. Enabling the reader to find a concise expert review on topics that are most likely to arise in the course of conducting research or policy making, this volume presents a truly global overview of the key issues and debates in environmental conflict and peacebuilding.**

Routledge Handbook of Higher Education for Sustainable Development

