Routledge Handbook of Sustainable Design

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. To this end, this handbook presents 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: Sustainable Strategies Part 3: Ethics and Values Part 4: 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.

Routledge Handbook of Sustainable and Regenerative Food Systems

With the built environment contributing almost half of global greenhouse emissions, there is a pressing need for the property and real estate discipline to thoroughly investigate sustainability concerns. The Routledge Handbook of Sustainable Real Estate brings together the latest research of leading academics globally, demonstrating the nature and extent of the impact as well as suggesting means of mitigating humankind’s impact and building resilience. Four sections examine the different aspects of sustainable real estate: governance and policy valuation, investment and finance management redevelopment and adaptation. Covering all land uses from residential to commercial, retail and industrial, the Routledge Handbook of Sustainable Real Estate is an exciting mixture of received wisdom and emerging ideas and approaches from both the developed and developing world. Academics, upper-level students and researchers will find this book an essential guide to the very best of sustainable real estate research.

Routledge Handbook of Sustainable Real Estate

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 theoretical aspects of the range of relevant methodologies, showing the interdisciplinary aspects 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 approaches 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 Competencies 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.
social cohesion, justice and democracy as well as limited throughout 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 Routledge Handbook of Sustainable Development in Asia seeks to examine these issues in depth. Presenting 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 Indicators

In the present global context, some countries still face many challenges to bringing about inclusive, efficient, and environmentally
sustainable development. Simultaneously, the stakes of survival are rising, as climate change exacerbates both environmental and social
ills. Asia as a region is particularly vulnerable, as it is densely populated and includes both developed and developing countries. The
Routledge Handbook of Sustainable Development in Asia seeks to examine these issues in depth. Presenting a comprehensive literature
review, as well as numerous case studies, this book examines sustainable development 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
- Governance
- Gender

The book’s theorization of the concept underline the need for interdisciplinarity in the discourse as exemplified in each chapter of this
volume. The Routledge Handbook of Sustainability Indicators includes a foreword written by Roberto Flore, Head Chef at the Nordic Food Lab, Copenhagen, Denmark.

The Routledge Handbook of Waste, Resources and the Circular Economy

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 Social and Sustainable Finance

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.

The Routledge Handbook of Sport and Sustainable Development

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 researchers and 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 Flore, Head Chef at the Nordic Food Lab, Copenhagen, Denmark.

The Routledge Handbook of Urbanization and Global Environmental Change

The clothing industry employs 25 million people globally contributing to many livelihoods and the prosperity of communities, to women’s independence, and the establishment of significant infrastructures in poorer countries. Yet the fashion industry is also a significant contributor to the degradation of natural systems, with the associated environmental footprint of clothing high in comparison with other

The Routledge Handbook of Ecological and Environmental Restoration

Ecological restoration is a rapidly evolving discipline that is engaged with developing both methodologies and strategies for repairing
damaged and polluted ecosystems and environments. During the last decade the rapid pace of climate change coupled with continuing
habitat destruction and the spread of non-native species to new habitats has forced restoration ecologists to re-evaluate their goals and
the methods they use. This comprehensive handbook brings together an internationally respected group of established and rising experts
in the field. The book begins with a description of current practices and the state of knowledge in particular areas of restoration, and then
identifies new directions that will help the field achieve increasing levels of future success. Part I provides basic background about
ecological and environmental restoration. Part II systematically reviews restoration in key ecosystem types located throughout the world.
In Part III, management and policy issues are examined in detail, offering the first comprehensive treatment of policy relevance in the
field, while Part IV looks to the future. Ultimately, good ecological restoration depends upon a combination of good science, policy,
planning and outreach – all issues that are addressed in this unrivalled volume.
products. Routledge Handbook of Sustainability and Fashion recognizes the complexity of aligning fashion with sustainability. It explores fashion and sustainability at the levels of products, processes, and paradigms and takes a truly multi-disciplinary approach to critically question and suggest creative responses to issues of: • Fashion in a post-growth society • Fashion, diversity and equity • Fashion, fluidity and balance across natural, social, and economic systems This handbook is a unique resource for a wide range of scholars and students in the social sciences, arts and humanities interested in sustainability and fashion.

Routledge Handbook of Global Environmental Politics

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 provides an accessible and thought-provoking overview of the complex and sometimes contradictory debates around sustainability indicators. It is a valuable contribution to the growing literature on the role of indicators in policy-making and decision-making processes.’ Environmental Education Research

The Routledge Handbook of Sustainable Food and Gastronomy

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 has 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 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 Development and Environment

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 grabs, 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.

Routledge Handbook of the History of Sustainability

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.

Routledge Handbook of the Resource Nexus
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 explore 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 sustainability, consumption, expertise, uncertainty, security, diplomacy, North-South relations, globalisation, 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, water, 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 and practitioners of environmental politics, environmental studies, environmental science, geography, international relations and political science.

Routledge Handbook of International Environmental Law

The Routledge Handbook of Research Methods for Social-Ecological Systems provides a synthetic guide to the range of methods that can be employed in social-ecological systems (SES) research. The book is primarily targeted at graduate students, lecturers and researchers working on SES, and has been written in a style that is accessible to readers entering the field from a variety of different disciplinary backgrounds. Each chapter discusses the types of SES questions to which the particular methods are suited and the potential resources and skills required for their implementation, and provides practical examples of the application of the methods. In addition, the book contains a conceptual and practical introduction to SES research, a discussion of key gaps and frontiers in SES research methods, and a glossary of key terms in SES research. Contributions from 97 different authors, situated at SES research hubs in 16 countries around the world, bring a wealth of expertise and experience to this book. The first book to provide a comprehensive and contemporary overview of the corpus of international environmental law (IEL). The Handbook features specially commissioned papers by leading experts in the field of international environmental law, drawn from a range of both developed and developing countries in order to put forward a truly global approach to the subject. Furthermore, it addresses emerging and cross-cutting issues of critical importance for the years ahead. The book is split into six parts for ease of reference: The Legal Framework, Theories and Principles of International Environmental Law - focuses on the origins, theory, principles and development of the discipline; Implementing International Environmental Law - addresses the role of various actors and institutions in the implementation of IEL; Including cross-cutting issues, like intergovernmental organisations and NGOs; Key Issues and Legal Frameworks - brings fresh perspectives of the common general issues of international environmental law, such as biological diversity and marine environmental law; Regional Environmental Law - explores the specific regimes developed to address regional environmental issues, considering the evolution, prospects and role of relation to regional law and mechanisms to IEL; Cross-Cutting Issues - considers the engagement of international environmental law with other key fields and legal regimes, including international trade, human rights and armed conflict; Contemporary and Future Challenges - analyses pressing current and emerging issues in the field including environmental refugees and climate change, REDD and deforestation, and ‘treaty congestion’ in IEL. This up-to-date and authoritative book makes it an essential reference work for students, scholars and practitioners working in the field.

Routledge Handbook of Indigenous Environmental Knowledge

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 book will also be of interest to upper-level undergraduates and professionals working at the science–policy interface in the environmental arena.

Routledge Handbook of Gender and Environment

The Routledge Handbook of International Environmental Law is an advanced level reference guide which provides a comprehensive and contemporary overview of the corpus of international environmental law (IEL). The Handbook features specially commissioned papers by leading experts in the field of international environmental law, drawn from a range of both developed and developing countries in order to put forward a truly global approach to the subject. Furthermore, it addresses emerging and cross-cutting issues of critical importance for the years ahead. The book is split into six parts for ease of reference: The Legal Framework, Theories and Principles of International Environmental Law - focuses on the origins, theory, principles and development of the discipline; Implementing International Environmental Law - addresses the role of various actors and institutions in the implementation of IEL; Including cross-cutting issues, like intergovernmental organisations and NGOs; Key Issues and Legal Frameworks - brings fresh perspectives of the common general issues of international environmental law, such as biological diversity and marine environmental law; Regional Environmental Law - explores the specific regimes developed to address regional environmental issues, considering the evolution, prospects and role of relation to regional law and mechanisms to IEL; Cross-Cutting Issues - considers the engagement of international environmental law with other key fields and legal regimes, including international trade, human rights and armed conflict; Contemporary and Future Challenges - analyses pressing current and emerging issues in the field including environmental refugees and climate change, REDD and deforestation, and ‘treaty congestion’ in IEL. This up-to-date and authoritative book makes it an essential reference work for students, scholars and practitioners working in the field.

Routledge Handbook of Tourism and Sustainability

The handbook seeks to illuminate the key concepts in the study of development-environment through showcasing some of the Majoritarian (formerly "Developing") world’s emerging scholars in order to explore theoretical connections through critical/radical theory, “small” theory, various conceptual frameworks, and non-Western and subaltern viewpoints. The volume examines the themes around the study of the relationship between the development and social development and the environment. Part 1 covers theoretical and conceptual approaches to the study of development and environment by examining the diverse ways in which people perceive, understand, and act Upon the world around them. Cross-scalar topics such as neo-liberalism and globalization, human rights, climate change, sustainability, and technology are covered in Part 2. The book shifts to examinations of resources and production in Part 3, where authors with a focus on one or more environmental resources or types of economic production are presented. Topics range from water, agriculture, and food, to energy, bioeconomy, and mining. The fourth section presents chapters where people are at the center of the development-environment nexus through topics such as gender relations, children, health, and cities. Finally, policy and governance of development and environment are explored in Part 5. The section includes both academics and practitioners who have worked with policy makers and are policy makers themselves. The book is primarily intended for scholars and graduate students in geography, environmental studies, and development studies for whom it will provide an invaluable and up-to-date guide to current thinking across the range of disciplines, which converge in the study of development and environment.

Routledge Handbook of Sustainable Development in Asia

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 (twentieth century to present), and core issues and key debates in sustainability. This handbook is an invaluable resource 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.

**Sustainability Indicators**

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 years • 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 Environmental Conflict and Peacebuilding**

The Handbook introduces, contextualises, critiques, and discusses a range of perspectives associated with the concept of the circular economy. These perspectives span an array of subjects including economics, environmental policymaking, sociology, environmental science, environmental and industrial engineering, management, international development, and human geography. A fundamental underpinning of the Handbook is that it takes account of a wide range of sectors, as well as geographical perspectives that incorporate both Global North and Global South world contexts. This approach is crucial because it is only within such a holistic perspective that the circular economy concept can truly be examined. In addition, these issues are examined both from a theoretical as well as a practical perspective, using real-world case studies for illustration. Given its wide subject, sectoral, and geographical areas of focus, the Handbook should be of value not only for those undertaking research in the field of circular economy, but also stakeholders involved in policymaking, as well as decision-making on the front line.

**Routledge Handbook of Sustainable and Resilient Infrastructure**

Featuring a stellar international cast list of leading and cutting-edge scholars, The Routledge Handbook of the Political Economy of the Environment presents the state of the art of the discipline that considers ecological issues and crises from a political economy perspective. This collective volume sheds new light on the effect of economic and power inequality on environmental dynamics and, conversely, on the economic and social impact of environmental dynamics. The chapters gathered in this handbook make four original contributions to the field of political economy of the environment. First, they revisit essential concepts and methods of environmental economics in the light of their political economy. Second, they introduce readers to recent theoretical and empirical advances in key issues of political economy of the environment with a special focus on the relationship between inequality and environmental degradation, a nexus that has dramatically come into focus with the COVID crisis. Third, the authors of this handbook open the field to its critical global and regional dimensions: global issues, such as the environmental justice movement and inequality and climate change as well as regional issues such as agriculture systems, air pollution, natural resources appropriation and urban sustainability. Fourth and finally, the work shows how novel analysis can translate into new forms of public policy that require institutional reform and new policy tools. Ecosystems preservation, international climate negotiations and climate mitigation policies all have a strong distributional dimension that chapters point to. Pressing environmental policy such as carbon pricing and low-carbon and energy transitions entail numerous social issues that also need to be accounted for with new analytical and technological tools. This handbook will be an invaluable reference, research and teaching tool for anyone interested in political economy approaches to environmental issues and ecological crises.

**Routledge Handbook of Sustainable Product Design**

The past two decades have witnessed the emergence 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 peace pathways by which cooperative actions are expected not only to preempt 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 Sustainable Product Design**

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 age of unprecedented environmental change. Written by designers, for designers, this book introduces the reader 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.
Sustainability And Fashion Routledge

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Routledge Handbook of Ecotourism

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: Approaches Part III: 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 Green Social Work

Routledge Handbook of Social and Sustainable Finance brings together an international cast of leading authorities to map out and display the disparate voices, traditions and professional communities engaged in social finance activity. With a clear societal or environmental mission, foundations, individual and group investors, as well as public bodies around the world have become increasingly eager to finance and support innovative forms of doing business. Together, founders and established businesses alike are embracing new sustainable business models with a distinct stakeholder approach to tackle social or environmental problems in what they see as a failed economic system in crisis. As a result, the topic of social and sustainable finance is at the forefront of financial economic thought. This Handbook is divided up into three parts. The first, "The Landscape of Social and Sustainable Finance and Investments", comprises of chapters from a multitude of perspectives in an effort to grasp the entirety of the landscape. The second, "Challenges, Suggestions, Critiques and Debates", focuses on issues ranging from sociological underpinnings to critical takes on markets, and the identification of specialized business models. Amongst ethical considerations, topics include the scaling of impact, an analysis of sustainability as risk prevention and comparative analyses of various methods of justification and measurement. In the third and final section, "Markets and Institutions", contributions range from various perspectives on sustainable banking to environmental marketplaces, and finally on to practical cases and country specific observations. This volume is essential reading for both academics and students in economics and finance. It is also of interest to those who study environmental economics, microeconomics and banking.

The Routledge Handbook of Environmental 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 the Bioarchaeology of Climate and Environmental Change

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 stance, this work brings together sport management, sociology of sport, sport law, events, and ethics, 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.

Routledge International Handbook of Sustainable Development

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 operationalizing the value of ecosystems 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 biodiversity 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.

Routledge Handbook of Research Methods for Social-Ecological Systems

Green social work espouses a holistic approach to all peoples and other living things – plants and animals, and the physical ecosystem; emphasises the relational nature of all its constituent parts; and redresses the duty to care for and about others as one that includes the duty to care for and about planet earth. By acknowledging the interdependency of all living things it allows for the inclusion of all systems and institutions in its remit, including both (hu)man-made and natural disasters arising from the (hu)made ones of poverty to chemical pollution of the earth’s land, waters and soils and climate change, to the natural hazards like earthquakes and volcanoes which turn to disasters through human (in)action. Green social work’s value system is also one that favours equality, social inclusion, the equitable distribution of resources, and a rights-based approach to meeting people’s needs to live in an ethical and sustainable manner. Responding to these issues is one of the biggest challenges facing social workers in the twenty-first century which this Handbook is
Routledge Handbook of Ecosystem Services

This handbook examines human responses to climatic and environmental changes in the past, and their impacts on disease patterns, migration, and socio-economic effects, e.g., economic impacts, employment and livelihoods. 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 impact, e.g., climate, emissions, biodiversity, water use, land use, and socio-economic effects, e.g., economic impacts, employment and livelihoods, culture. The volume concludes with an examination of likely future trajectories for the tourism sector and management approaches, and the approaches used in different tourism and travel industry sectors. The book includes 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.

Routledge Handbook of Environmental Displacement and Migration

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, methodological advances, and evaluation issues, and the application of research 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 can play in areas such as health and well-being, poverty, education, gender equality, decent work, responsible consumption, and climate action. Representing a key milestone in the field of sustainable development, the book’s global impact along with its overviews of sectoral and management approaches will provide a benchmark by which the sustainability of sport will be measured for years to come.

Routledge Handbook of the Political Economy of the Environment

This handbook provides a comprehensive statement and reference point for theory, research and practice with regard to environment and communication, and it does this from a perspective which is both international and multi-disciplinary in scope. Offering comprehensive critical reviews of the history and state of the art of research into the key dimensions of environmental communication, the chapters of this handbook together demonstrate the strengths of multi-disciplinary and cross-disciplinary approaches to understanding the centrality of communication to how the environment is constructed, and indeed contested, socially, politically and culturally. Organised in five thematic sections, The Routledge Handbook of Environmental and Communication includes contributions from internationally recognised leaders in the field. The first section looks at the history and development of the discipline from a range of theoretical perspectives. Section two considers the sources, communicators and media professionals involved in producing environmental communication. Section three examines research on news, entertainment media and cultural representations of the environment. The fourth section looks at the social and political implications of environmental communication, with the final section discussing likely future trajectories for the field. The first reference Handbook to offer a state of the art comprehensive overview of the emerging field of environmental communication research, this authoritative text is a must for scholars of environmental communication across a range of disciplines, including environmental studies, media and communication studies, cultural studies and related disciplines.

Routledge Handbook of Higher Education for Sustainable Development

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 idealational 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 Environment and Communication

This handbook presents a timely, broad-ranging, and provocative overview of the essential nature of ecotourism. The chapters will both advance the existing central themes of ecotourism and provide challenging and divergent observations that will thrust ecotourism into new areas of research, policy, and practice. The volume is arranged around four key themes: sustainability, ethics and identity, change, conflict, and consumption, and environment and learning, with a total of 28 chapters. The first section focuses on sustainability as a core ecotourism criterion, with a primary focus on some of the macro sustainability issues that have an impact on ecotourism. Foremost among these topics is the linkage to the UN’s Sustainable Development Goals, which have relevance to ecotourism as one of the greenest or most responsible forms of tourism. The chapters in the second section provide a range of different topics that pull ecotourism research into new directions, including a chapter on enriching indigenous ecotourism through culturally sensitive universalism. The third section includes chapters on topics ranging from persons with disabilities as a neglected body of research in ecotourism, to ecotourism as a form of luxury consumption. The final section emphasises the link between ecotourism and learning about the natural world, including a deeply theoretical chapter on rewilding Europe. With contributions from authors around the world, this handbook gives a global platform to local voices, in both developed and emerging country contexts. The multidisciplinary and international Routledge Handbook of Ecotourism will be of great interest to researchers, students, and practitioners working in tourism and sustainability.

Routledge Handbook of Global Sustainability Governance

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 interdisciplinary, transdisciplinary, 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 Sport and the Environment

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.

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