

Dictionary Of Environment And Ecology Over 7 000 Terms Clearly Defined Peter Collin

Routledge Handbook of Environment and Society in Asia Governance, Politics and the Environment *50 Years of Environment Handbook of Environment and Waste Management* **The Routledge Handbook of Environment and Communication A Dictionary of Environment and Conservation** *Transformational Change for People and the Planet* The End of Sustainability **Green Development Routledge Handbook of the Environment in Southeast Asia** *Essentials of Environmental Public Health Science* **The Politics of the Environment Handbook of Security and the Environment** *Economics of Environment and Development* **The Routledge Handbook of Development and Environment** Pharmaceuticals in the Environment Environmental Science For Dummies Environmental Movements and Politics of the Asian Anthropocene **Histories of Technology, the Environment and Modern Britain** **Environmental Oceanography Handbook Of Environment And Waste Management - Volume 2: Land And Groundwater Pollution Control Environment and Development** **Routledge Handbook of Environmental Policy in China** *Environmental Impacts of Road Vehicles* **Humanities for the Environment Status of Environment and Climate in the Western Balkans** The League of Nations and the Protection of the Environment **Evaluation of the Built Environment for Sustainability** *Aesthetics and Environment* *Encyclopedia of Environment and Society* **In Pursuit of Healthy Environments**

Environment and Natural Resource Conservation and Management in Mozambique **Migration, Development and Environment** *Environment Quiz Book* *Environment As a Focus for Public Policy* Implementation of Environmental Treaties **Envisioning a Sustainable Society** *Routledge Handbook of Environmental Security* Materials and the Environment *The SAGE Handbook of Environment and Society*

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Routledge Handbook of Environmental Security
Oct 24 2019 The Routledge Handbook on

Environmental Security provides a comprehensive, accessible, and sophisticated overview of the field of environmental security.

The volume outlines the defining theories, major policy and programming interventions, and applied research surrounding the relationship between the natural environment and human and national security. Through the use of large-scale research and ground-level case analyses from across the globe, it details how environmental factors affect human security and contribute to the onset and continuation of violent conflict. It also examines the effects of violent conflict on the social and natural environment and the importance of environmental factors in conflict resolution and peacebuilding. Organized around the conflict cycle, the handbook is split into four thematic sections: • Section I: Environmental factors contributing to conflict; • Section II: The environment during conflict; • Section III: The role of the environment in post-conflict peacebuilding; and • Section IV: Cross-cutting themes and critical perspectives. This handbook will be essential reading for students of

environmental studies, human security, global governance, development studies, and international relations in general.

[Implementation of Environmental Treaties](#) Dec 26 2019

A Dictionary of Environment and

Conservation Jul 25 2022 With over 8500 entries, this informative dictionary addresses the social, legal, political and economic aspects of the environment and conservation as well as the scientific terms.

Green Development Apr 22 2022 This revised and updated new edition retains the clear and powerful argument which characterized the original. It gives a valuable analysis of the theory and practice of sustainable development and suggests that at the start of the new millennium, we should think radically about the challenge of sustainability. Fully revised, this latest edition includes further reading, chapter outlines, chapter summaries and new discussion topics, and explores: the roots of sustainable

development thinking and its evolution in the last three decades of the twentieth century the dominant ideas within mainstream sustainable development the nature and diversity of alternative ideas about sustainability the problems of environmental degradation and the environmental impacts of development strategies for building sustainability in development from above and below. Offering a synthesis of theoretical ideas on sustainability based on the industrialized economies of the North and the practical, applied ideas in the South which tend to ignore 'First World' theory, this important text gives a clear discussion of theory and extensive practical insights drawn from Africa, Latin America and Asia.

The SAGE Handbook of Environment and Society Aug 22 2019 "A monumental and timely contribution to scholarship on society and environments. The handbook makes it easy and compelling for anyone to learn about that scholarship in its full manifestations and as

represented by some of the most highly respected researchers and thinkers in the English-speaking world. It is wide-reaching in scope and far-reaching in its implications for public and private action, a definite must for serious researchers and their libraries." - Bonnie J McCay, Rutgers University "This is the desert island book for anyone interested in the relationship between society and the environment. The editors have assembled a masterful collection of contributions on every conceivable dimension of environmental thinking in the social sciences and humanities. No library should be without it!" - Robyn Eckersley, University of Melbourne *The SAGE Handbook of Environment and Society* focuses on the interactions between people, societies and economies, and the state of nature and the environment. Editorially integrated but written from multi-disciplinary perspectives, it is organised in seven sections: Environmental thought: past and present Valuing the

environment Knowledges and knowing Political economy of environmental change Environmental technologies Redesigning natures Institutions and policies for influencing the environment Key themes include: locations where the environment-society relation is most acute: where, for example, there are few natural resources or where industrialization is unregulated; the discussion of these issues at different scales: local, regional, national, and global; the cost of damage to resources; and the relation between principal actors in the environment-society nexus. Aimed at an international audience of academics, research students, researchers, practitioners and policy makers, The SAGE Handbook of Environment and Society presents readers in social science and natural science with a manual of the past, present and future of environment-society links. *Environmental Impacts of Road Vehicles* Jan 07 2021 The first concerns that come to mind in relation to pollution from road vehicles are

direct emissions of carbon dioxide and toxic air pollutants. These are, of course, important but the impacts of road traffic are altogether more substantial. This volume of the Issues in Environmental Science and Technology Series takes a broader view of the effects on the environment and human health, excluding only injury due to road traffic accidents. By looking across the environmental media, air, water and soil, and taking account also of noise pollution, the volume addresses far more than the conventional atmospheric issues. More importantly, however, it examines present and future vehicle technologies, the implications of more extensive use of batteries in electric vehicles and the consequences of recycling vehicles at the end of use. Finally, examples of life-cycle analysis as applied to road vehicles are reviewed. This book is a comprehensive source of authoritative information for students studying pollution, and for policy-makers concerned with vehicle emissions and road

traffic impacts more generally.

Governance, Politics and the Environment

Nov 29 2022 In the past two decades, research on environmental issues in East and Southeast Asian countries has mainly focused on existing institutional mechanisms of environmental management, the establishment of new environmental management structures, the introduction of incentives to improve natural capital and foster environmental protection, and the culture of environmental or "green" groups. Virtually no rigorous research has been directed into the nature and significance of the existing relationship between government and civil society in individual country studies, with specific reference to the environmental policy sector, or into how this relationship may be evolving. This book explores this connection in Singapore, and what causes it to evolve, through three case narratives. Its rationale is to address this gap in the literature from a "governance theory" perspective that focuses on state

adaptation to the external environment and new forms of coordination and collaboration between government and civil society to tackle new societal problems. The application of the "governance theory" approach to specific case studies is itself a topic that deserves much greater study than what it has so far received. *Environment Quiz Book* Feb 26 2020 This is a fascinating book that will give you all the information about the environment. Every civilised person should be conscious of his or her environment and its good health. We have already done much harm to it due to our ignorance or a callous negligence. Nowadays environmental studies have been incorporated in general education system right from our primary school level. In order to increase awareness about the environment, schools and also various NGOs organise quiz shows and other programmes regularly. Hundreds of questions on almost all aspects of environment, and lots of other important details you can find in this book.

You'll never have a dull moment with this extraordinary compendium of fascinating facts, interesting information, and tantalizing trivia. *Aesthetics and Environment* Aug 02 2020 The essays collected in *Aesthetics and Environment* comprise a set of variations on art and culture guided by the theme of environment. The essays deal with the physical reality of environment such as the city, the shore, the water and the garden, but also with the virtual environment and the social one. Environmental aesthetics is a theme whose variations are as endless as the possibilities of the human performers and conditions from which it is fashioned. This enticing set of essays testifies to Berleant's special talent in moving easily between both natural and human environments and opens out the contemporary discussion beyond that of the wilderness to the cultural and social environment. Berleant argues that neither the natural nor human environment stands alone and both are best understood as distinctions that

are in experience coextensive, that one can only speak of environment in relation to human experience. The theme of this book is that such experience suffuses the so-called natural world and shapes the human world. It maintains the idea that in as much as people are embedded in these worlds, relationships, including human relationships, are part of them. The melding of these two worlds leads Berleant to defend ultimately what he has termed 'social aesthetics' .

Encyclopedia of Environment and Society Jul 01 2020 The *Encyclopedia of Environment and Society* brings together multiplying issues, concepts, theories, examples, problems, and policies, with the goal of clearly explicating an emerging way of thinking about people and nature. With more than 1,200 entries written by experts from incredibly diverse fields, this innovative resource is a first step toward diving into the deep pool of emerging knowledge. The five volumes of this *Encyclopedia* represent

more than a catalogue of terms. Rather, they capture the spirit of the moment, a fascinating time when global warming and genetic engineering represent only two of the most obvious examples of socio-environmental issues.

Humanities for the Environment Dec 06 2020

Humanities for the Environment, or HfE, is an ambitious project that from 2013-2015 was funded by a generous grant from the Andrew W. Mellon Foundation. The project networked universities and researchers internationally through a system of 'observatories'. This book collects the work of contributors networked through the North American, Asia-Pacific, and Australia-Pacific observatories. Humanities for the Environment showcases how humanists are working to 'integrate knowledges' from diverse cultures and ontologies and pilot new 'constellations of practice' that are moving beyond traditional contemplative or reflective outcomes (the book, the essay) towards solutions to the greatest social and environmental

challenges of our time. With the still controversial concept of the 'Anthropocene' as a starting point for a widening conversation, contributors range across geographies, ecosystems, climates and weather regimes; moving from icy, melting Arctic landscapes to the bleaching Australian Great Barrier Reef, and from an urban pedagogical 'laboratory' in Phoenix, Arizona to Vatican City in Rome. Chapters explore the ways in which humanists, in collaboration with communities and disciplines across academia, are responding to warming oceans, disappearing islands, collapsing fisheries, evaporating reservoirs of water, exploding bushfires, and spreading radioactive contamination. This interdisciplinary work will be of great interest to scholars in the humanities, social sciences, and sciences interested in interdisciplinary questions of environment and culture.

Envisioning a Sustainable Society Nov 24 2019 The evidence is increasingly persuasive.

We are changing the way our planet's physical systems work--irrevocably. These changes are global and interconnected and unavoidable. They are upon us already, making it virtually impossible for any modern society to continue its present trajectory of growth. This book provides a penetrating analysis of how we have come to this point, of why science and technology will fail to solve these problems, and of how we as a society must change in order to avoid ecological catastrophe. The scope is broad, the urgency of the message is impossible to ignore.

Materials and the Environment Sep 22 2019

Addressing the growing global concern for sustainable engineering, *Materials and the Environment*, 2e is the only book devoted exclusively to the environmental aspects of materials. It explains the ways in which we depend on and use materials and the consequences these have, and it introduces methods for thinking about and designing with materials within the context of minimizing

environmental impact. Along with its noted in-depth coverage of material consumption, the material life-cycle, selection strategies, and legislative aspects, the second edition includes new case studies, important new chapters on Materials for Low Carbon Power and Material Efficiency, all illustrated by in-text examples and expanded exercises. This book is intended for instructors and students as well as materials engineers and product designers who need to consider the environmental implications of materials in their designs. Introduces methods and tools for thinking about and designing with materials within the context of their role in products and the environmental consequences. Contains numerous case studies showing how the methods discussed in the book can be applied to real-world situations. Includes full-color data sheets for 40 of the most widely used materials, featuring such environmentally relevant information as their annual production and reserves, embodied energy and process

energies, carbon footprints, and recycling data
New to this edition: New chapter of Case Studies of Eco-audits illustrating the rapid audit method
New chapter on Materials for Low Carbon Power examines the consequences for materials supply of a major shift from fossil-fuel based power to power from renewables
New chapter exploring Material Efficiency, or design and management for manufacture to provide the services we need with the least production of materials
Recent news-clips from the world press that help place materials issues into a broader context.
are incorporated into all chapters
End-of-chapter exercises have been greatly expanded
The datasheets of Chapter 15 have been updated and expanded to include natural and man-made fibers

Handbook of Security and the Environment

Dec 18 2021 This comprehensive Handbook tackles the increasingly urgent problem of the impact of climate change on conflict and human security. It analyses the ways in which scarcity

of resources leads to food, water and health insecurities, resulting in population migration. Featuring contributions from leading international scholars, chapters cover how these contribute globally to societal insecurity and violent conflict in a growing number of regions.
Pharmaceuticals in the Environment Sep 15 2021 An important reference for researchers in the pharmaceutical industry, environmentalists and policy makers wanting to better understand the impacts of pharmaceuticals on the environment.

The Politics of the Environment Jan 19 2022

The continuous rise in the profile of the environment in politics reflects growing concern that we may be facing a large-scale ecological crisis. The new edition of this highly acclaimed textbook surveys the politics of the environment, providing a comprehensive and comparative introduction to its three components: ideas, activism and policy. Part I explores environmental philosophy and green political

thought; Part II considers parties and environmental movements; and Part III analyses policy-making and environmental issues at international, national and local levels. This second edition has been thoroughly updated with new and revised discussions of many topics including the ecological state, ecological citizenship, ecological modernisation and the Greens in government and also includes an additional chapter on 'Globalisation, Trade and the Environment'. As well as considering a wide variety of examples from around the world, this textbook features a glossary, guides to further study, chapter summaries and critical questions throughout.

Environmental Movements and Politics of the Asian Anthropocene Jul 13 2021 "This collection provides a powerful and sophisticated analysis of how environmental movements influence politics in Asia, and how politics influences movements." -- John S. Dryzek, Centenary Professor, University of Canberra "This important book

reflects the challenges and questions currently foremost in scholars', activists' and policy-makers' minds-the Anthropocene, environmental justice, China's Belt and Road Initiative, and post-politics-all addressed through the lens of environmental movements in Asia. -- Jonathan Rigg, Professor at the School of Geographical Sciences, University of Bristol "How have authoritarianism, democratization and political change affected environmentalism in East and Southeast Asia? How have environmental mobilization and demands for environmental justice at the grassroots influenced politics there? These are among the vital questions answered by this insightful and well-crafted volume." --Paul G. Harris, Chair Professor of Global and Environmental Studies, Education University of Hong Kong "This book shows convincingly that the concept of Anthropocene is as relevant in Asia as anywhere." -- Philip Hirsch, Emeritus Professor of Human Geography, University of Sydney "Despite its

claims to universality, the Anthropocene concept remains largely a Western phenomenon. This book is crucial in correcting this view by putting environmental movements in Asia center stage."
-- Eva Horn, Professor of Literature and Cultural History, University of Vienna

In Pursuit of Healthy Environments May 31 2020 In Pursuit of Healthy Environments brings temporal depth to a highly topical issue, the interaction between health and the environment. By means of a rich set of historical case studies from Americas to Europe and from the tropics to the Arctic, the volume demonstrates that the concern for creating and finding healthy environments is not a new one, shows how the link between the environment and health has been perceived at different times and in different cultures, and discusses the practical implications of these conceptualizations. The book written by scholars from architecture, cultural anthropology, history, Indigenous Studies, media studies and sociology will be of

interest to a reader interested in the historical roots of present health-related environmental issues. It discusses the spatiality and materiality of the conceptions of health and the practices of nurture in colonial and post-colonial environments and shows how greatly indigenous and colonial mindsets have differed during the last three hundred years. It also investigates how certain environments have become labelled as healthy and life-preserving and others stigmatized by disease and death, and how fluctuating these notions can be. Finally, it analyses the materialities and immaterialities, as well as the transgenerational and transboundary characters of environmental and medical knowledge.

50 Years of Environment Oct 28 2022 In conjunction with Singapore's 50th birthday in August 2015, 50 Years of Environment: Singapore's Journey Towards Environmental Sustainability takes the reader through Singapore's environmental journey over the past

50 years, to its present day challenges and solutions, and seeks to explore what lies ahead for Singapore's environmental future. This book is divided into three parts. The first, drawn largely from the book *Clean, Green and Blue: Singapore's Journey Towards Environmental and Water Sustainability*, will explore the historical developments in Singapore's environmental journey and the development of NEWater. The second part will be a collection of essays that examine the present environmental challenges that Singapore faces and the ways in which it is addressing those issues through community engagement, international engagement, research and technology, and industry solutions in order to develop sustainable strategies and solutions. Part Three will bring the book to a close by tying the historical and contemporary threads together and discusses the future challenges for Singapore's environment.

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ContributorsAppreciationJourney to the Present:Reflections on Singapore's Environmental Journey (Tan Yong Soon, Lee Tung Jean and Karen Tan)Cleaning the Land and Rivers (Tan Yong Soon, Lee Tung Jean and Karen Tan)Applying Economic Principles to Environmental Policy (Tan Yong Soon, Lee Tung Jean and Karen Tan)The Search for NEWater: The Singapore Water Story (Lee Ek Tieng)Environmental Planning For Sustainable Development (Tan Yong Soon)Present Challenges:Frontier Research in Environment and Water: Integrated Research Approach for Sustainable Solutions (Lee Lai Yoke and Ong Choon Nam)Energy Transitions — Energy Efficiency and Renewable Energy Challenges in the Tropics (Nilesh Y Jadhav, Subodh Mhaisalkar and Hans B (Teddy) Püttgen)Developing a Vibrant Sustainable Energy Industry (Edwin Khew, Christophe Inglin, Sanjay Kuttan and Low Kian Beng)Community Engagement to Promote Environmental Ownership and Secure Our

Future (Chew Gek Khim)Island in the World: Singapore's Environment and the International Dimensions (Simon Tay and Cheong Poh Kwan)Moving into the Future:Environmental Sustainability and Sustainable Development (Tan Yong Soon and Kwek Leng Joo) Readership: General readers who are interested in learning more about Singapore's environmental journey, present day developments, and the potential environmental challenges in the future. Key Features:Contains a great variety of contributions from leading individuals in the public, private and people sectors, and leading academics at the forefront of environmental research and developmentProvides a good overview of Singapore's history in improving environmental conditions, present challenges, and possible future developments for Singapore's environmentSuitable for a variety of readers, ranging from the general reader to academics and practitionersKeywords:Singapore;Environment;S

ustainability;R&DReview: "Singapore's transformation from an impoverished and polluted island to the world's beacon of environmental progress has been nothing short of miraculous. Miracles, however, are hard to repeat elsewhere, therefore, we are very fortunate that Singapore's environmental transformation was not at all a miracle. Instead, it happened thanks to clever and consistent strategies and brilliant execution. Over the last 30 years, as I got to gradually know the Singapore miracle workers and their methods, I often prayed that other jurisdictions would learn the steps involved. This book about the Singapore miracle provides an opportunity for environmental leaders everywhere to extract the policies and procedures they need to bring about progress in their own jurisdiction." Dr Andrew Benedek Founder, Chairman and CEO of ZENON Environmental Inc. and Anaergia Inc. Winner of the inaugural Lee Kuan Yew Water Prize in 2008 "For a seriously resource-

constrained nation, Singapore has come a long way since its independence in 1965. Very few people, if any, 50 years ago would have predicted that this city-state would become the envy of the world by 2015. While everyone knows and admires the remarkable progress of the past half century, not many people are familiar with the achievements in the field of environment and the enabling conditions that made this possible. One of the very few serious studies that is available is Tan Yong Soon's earlier book *Clean, Green and Blue: Singapore's Journey Towards Environmental and Water Sustainability*. The present text is a worthy complement that adds to the in-depth analysis of this important journey. The book is strongly recommended." Professor Asit K Biswas Distinguished Visiting Professor Lee Kuan Yew School of Public Policy, Singapore and Co-founder, Third World Centre for Water Management, Mexico "This book charts a 50-year visionary journey that began on the right

foot, with recognition that sustainable economic growth and a clean environment are mutually reinforcing goals. Over these decades, Singapore has moved from cleaning up the land and rivers, through controlling pollution and meeting water needs, to the current use of cutting-edge research and technology to build clean and renewable energy for the future. With the city-state now ranking near the top of the world in terms of environmental standards, the book offers many lessons for other countries looking for ways to meet the growing demand for water and energy while preserving a health-promoting environment." Dr Margaret Chan Director-General, World Health Organization "Singapore celebrates its 50th anniversary of nationhood in a milestone year as countries of the world come together to agree a climate-safe path to sustainable development. Since its establishment, Singapore has sought to leverage sound environmental stewardship and social engagement into prosperity and growth.

Singapore has been remarkably successful. The 50 Years of Environment publication demonstrates how progressive policy such as ecologically sound natural resource management, incentives to innovate and emphasis on clean development are at the heart of this vibrant modern economy. This is a welcome addition to the global dialogue on development as a powerful case study for what is possible. As governments move towards a set of Sustainable Development Goals and a new, universal climate change agreement in Paris this year, the knowledge and experiences in this book showcase real world policy success and inspire the world." Ms Christiana Figueres Executive Secretary, UN Framework Convention on Climate Change "Singapore's success in becoming a developed country and, at the same time, taking good care of its environment, is a vindication of what we were trying to achieve at the 1992 Earth Summit. This important book explains how Singapore did it

and outlines present and future challenges as Singapore continues its journey into environmental sustainability and sustainable development." Professor Tommy Koh Chairman, Preparatory Committee and Chairman, Main Committee UN Conference on Environment and Development 2006 Champion of the Earth, awarded by UNEP 2006 President's Award for the Environment, Singapore "Singapore is well known globally for its brilliant economic success story. It deserves to be equally well-known for its environmental success story. It is truly remarkable that unlike other successful economies, Singapore did not sacrifice its environment in pursuit of economic growth. This is why this book edited by Tan Yong Soon could not be more timely. The world can learn a lot of lessons from this volume." Professor Kishore Mahbubani Dean, LKY School of Public Policy, National University of Singapore, and author of The Great Convergence: Asia, the West, and the Logic of One World "With a population density of

around 7,500 people to the square kilometre, Singapore is one of the most densely populated countries on Earth. This book of essays by some of those most closely involved shows how the country evolved through half a century of commitment and foresight into one of the world's most liveable cities with green spaces and fresh water and how it is addressing present environmental challenges to develop sustainable strategies and solutions. Others take notice and follow!" Lord Ronald Oxburgh Former Rector of Imperial College of Science, Technology and Medicine (1993-2000) Former Chairman of the UK House of Lords Select Committee on Science and Technology (2000-2004) Honorary President of the Carbon Capture and Storage Association

Handbook of Environment and Waste Management Sep 27 2022 This is a compilation of topics that are at the forefront of many technical advances and practices in air and water control. These include air pollution control, water pollution control, water

treatment, wastewater treatment, industrial waste treatment and small scale wastewater treatment.

The Routledge Handbook of Development and Environment Oct 16 2021 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 economic 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.

Histories of Technology, the Environment

and Modern Britain Jun 12 2021 Histories of Technology, the Environment and Modern Britain brings together historians with a wide range of interests to take a uniquely wide-lens view of how technology and the environment have been intimately and irreversibly entangled in Britain over the last 300 years. It combines, for the first time, two perspectives with much to say about Britain since the industrial revolution: the history of technology and environmental history. Technologies are modified environments, just as nature is to varying extents engineered. Furthermore, technologies and our living and non-living environment are both predominant material forms of organisation - and self-organisation - that surround and make us. Both have changed over time, in intersecting ways. Technologies discussed in the collection include bulldozers, submarine cables, automobiles, flood barriers, medical devices,

museum displays and biotechnologies. Environments investigated include bogs, cities, farms, places of natural beauty and pollution, land and sea. The book explores this diversity but also offers an integrated framework for understanding these intersections.

The Routledge Handbook of Environment and Communication Aug 26 2022 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 Environment 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.

Environment and Development Mar 09 2021
Environment and Development: Basic Principles, Human Activities, and Environmental Implications focuses on the adverse impact that human activities, developments, and economic growth have on both natural and inhabited environments. The book presents the associated problems, along with solutions that can be used to achieve a harmonic, sustainable development that provides for the co-existence of man and natural life. Chapters provide detailed information on a range of environments including: atmospheric, aquatic, soil, natural, urban, energy, and extraterrestrial, as well as the relationship between the environment and development. In addition, this comprehensive book presents the latest research findings and trends in global environmental policy for each issue. Offers a discussion of the extraterrestrial

environment and waste in earth orbit as one of the distinctive topics of the book Addresses global environmental policy issues and policies Presents tabulated data to support the analysis and explain the issues presented Includes case studies covering many topics of current interest Analyzes environmental issues and proposes solutions grounded in recent research findings Discusses the various interpretations of the development concept as well as alternative pathways to sustainable development

Routledge Handbook of Environment and Society in Asia Dec 30 2022 Nowhere is the connection between society and the environment more evident and potentially more harmful for the future of the world than in Asia. In recent decades, rapid development of Asian countries with very large populations has led to an unprecedented increase in environmental problems such as air and water pollution, solid and hazardous wastes, deforestation, depletion of natural resources and extinction of native

species. This handbook provides a comprehensive survey of the cultural, social and policy contexts of environmental change across East Asia. The team of international experts critically examine a wide range of environmental problems related to energy, climate change, air, land, water, fisheries, forests and wildlife. The editors conclude that, with nearly half of the human population of the planet, and several rapidly growing economies, most notably China, Asian societies will determine much of the future of human impacts on the regional and global environments. As climate change-related threats to society increase, the book strongly argues for increased environmental consciousness and action in Asian societies. This handbook is a very valuable companion for students, scholars, policy makers and researchers working on environmental issues in Asia.

Status of Environment and Climate in the Western Balkans Nov 05 2020 Accurate and complete environmental information is at the

basis of any effective sustainable development policy. This report summarises for the first time the status of air, climate, water and soil in the Western Balkans (WB), describing current knowledge as of 2021 and gaps with respect to the EU aquis in order to: a) benchmark the progress during the accession process, and b) support the implementation of the Green Agenda for the WB with particular reference to depollution and decarbonisation priorities. This information is also relevant for the EU Green Deal zero pollution ambition, as depollution in WB also reduces pollutant levels in neighbouring EU Member States. Despite significant improvements in the alignment of the climate and GHG emissions monitoring and reporting legislation and the good progress in the areas of air and water pollution in the latest two years, the EU aquis implementation is still lagging. The overall WB air quality situation is still critical and the pollution trend is often upwards, despite PM10 and PM2.5 concentration have decreased

in certain areas. Due to its dominant impact on mortality, PM2.5 can be considered the main pollutant to target in the WB. The energy sector, in particular coal-fuelled power plants, is the major source of SO2 and CO2 emissions and an important source of other pollutants. It offers a concrete opportunity for co-benefits between air quality and climate policies. The increase in intensity and frequency of summer heatwaves in the latest decades is an indicator of climate change in the WB and the need to design appropriate adaptation plans to cope with it. The status of waterbodies in the WB can generally be assessed as unsatisfactory. In the case of chemical status, 45% of waterbodies assessed failed to reach good status, while in the ecological assessment 54% failed to reach good status. Case studies on antibiotic resistance, as well as effect-based studies on mixtures of pollutants confirmed that aquatic ecosystems, particularly large fluvial rivers, are under considerable anthropogenic pressure. Soil

degradation is prevalent and extensive throughout the WB region. Soil erosion is the most relevant degradation process followed by soil pollution. Unsustainable land management practices and natural causes of soil degradation in the region are interlinked. In order to make progress in the implementation of the environmental legislation it is necessary to improve the integration of the environmental measures into key sectorial policies (e.g. energy production, energy efficiency, industry, transport). This principle is reflected in the Green Agenda for the WB and the new EU Soil Strategy. Due to the relatively small area of the WB and the interconnections between ecosystems across and beyond the region, strengthening regional and international cooperation is essential to involve all the relevant actors and stakeholders in the design and implementation of environmental policies.

Migration, Development and Environment
Mar 29 2020 This book explores the conceptual

framework of the interrelationships between migration, environment and development, which are among the most pressing issues on the contemporary global agenda. After a conceptualization of this relationship, the paper treats, in a depth analysis with tables and figures, main issues such as: environment as cause of migration in case of environmental disasters and environmental degradation; climate change and migration; displacement by large projects and impacts of migration on destination environments. The implications these have for policy are also considered.

Evaluation of the Built Environment for Sustainability Sep 03 2020 Sustainability in the built environment is a major issue facing policy-makers, planners, developers and designers in the UK, Europe and worldwide. The measuring of buildings and cities for sustainability becomes increasingly important as pressure for green, sustainable development translates into policy and legislation. The problems of such

measurement and evaluation are presented by the authors in contributions which move from the general to the particular, e.g. from a general framework for an environmentally sustainable form of urban development to a specific input-output model application to environmental problems. The book is divided into three parts: the first covers city models and sustainable systems - research programmes, environmental policies, green corporations and collaborative strategies to make urban development more sustainable; part two discusses the problems of evaluating the built environment in planning and construction, covering economic and environmental methods and construction, development and regeneration processes; part three illustrates a number of applications using different approaches and techniques and referring to a range of environmental aspects of the natural and built environment, from maintaining historic buildings to transport management and air pollution monitoring.

Environment As a Focus for Public Policy Jan 27 2020 Before the environmental movement had gained prominence in this country, one writer began to explore the environment and the human condition as a topic of public policy. From 1963 through 1973 Lynton K. Caldwell was alone among political scientists and policy analysts in writing about the subject in any breadth or depth. His pioneering work led to his role as one of the architects of the National Environmental Policy Act of 1970 and established environmental policy and politics as a field of academic research. Caldwell's early work is richly relevant to current understanding of environmental policy. This volume brings together the best of his writing from that first decade, making it available for policy debates, theorizing, and reference. This collection is of both historical significance and contemporary relevance and will be invaluable to the many scholars and professionals across various disciplines, fields, and nations who have read

and been profoundly influenced by Caldwell's more recent work, including nine widely praised and cited books and dozens of articles. The fourteen articles and papers in this volume address the definition of environmental policy, analysis of international environmental policy development, and environmental policy as a product of and fundamental challenge to modernity. An original analytical introduction by the volume editors places Caldwell's early work in the context of the research that has followed. Caldwell has written, especially for this book, a new, retrospective chapter, a brief introduction to each article, and an epilogue on the meaning of environmental policy.

Environment and Natural Resource Conservation and Management in Mozambique Apr 29 2020 This is an eloquent, engaged and extremely well informed narrative of the environmental and natural resource conservation and management issues in Mozambique. While the topics in this volume are

diverse, they are all explicitly designed to move beyond the routinized blame of natural resource mismanagement and environmental degradation on local communities, and to rethink ecosystem destruction, land degradation and natural resource over-exploitation in Africa and beyond. Never losing sight of the major causes of environment and resource mismanagement in Mozambique, the book advances the thesis that environment and resource problems are a result of compound factors such as poor governance, poverty, corruption, low education levels, and disregard of endogenous conservation epistemologies. A combination of all these factors makes the whole terrain of conservation even more complicated than ever; hence the need for urgent action by all social actors. This is a valuable book for environmental conservationists, land resource managers, social ecologists, environmental anthropologists, environmental field workers and technicians, practitioners and students of conservation

sciences.

The End of Sustainability May 23 2022 The time has come for us to collectively reexamine—and ultimately move past—the concept of sustainability in environmental and natural resources law and management. The continued invocation of sustainability in policy discussions ignores the emerging reality of the Anthropocene, which is creating a world characterized by extreme complexity, radical uncertainty, and unprecedented change. From a legal and policy perspective, we must face the impossibility of even defining—let alone pursuing—a goal of “sustainability” in such a world. Melinda Harm Benson and Robin Kundis Craig propose resilience as a more realistic and workable communitarian approach to environmental governance. American environmental and natural resources laws date to the early 1970s, when the steady-state “Balance of Nature” model was in vogue—a model that ecologists have long since rejected,

even before adding the complication of climate change. In the Anthropocene, a new era in which humans are the key agent of change on the planet, these laws (and American culture more generally) need to embrace new narratives of complex ecosystems and humans' role as part of them—narratives exemplified by cultural tricksters and resilience theory. Updating Aldo Leopold's vision of nature and humanity as a single community for the Anthropocene, Benson and Craig argue that the narrative of resilience integrates humans back into the complex social and ecological system known as Earth. As such, it empowers humans to act for a better future through law and policy despite the very real challenges of climate change.

Transformational Change for People and the Planet Jun 24 2022 This Open Access book deals with the pressing question of how to achieve transformational change that reconciles development with environmental sustainability. It particularly focuses on the role of evaluation

in finding sustainable solutions. Environment and development are closely interlinked, as are human health and ecosystem health. The pandemic that began in 2020 demonstrated in no uncertain terms how destruction of habitats has allowed hitherto unknown pathogens spill over to humans wreaking havoc on people's lives and livelihoods. We are already seeing the impacts of global climate change in terms of heatwaves, forest fires and increased storms. The Sustainable Development Goals (SDGs) explicitly recognize the equal importance of the social, economic and environmental dimensions of development. In these turbulent times, when humankind faces multiple complex challenges it is essential to know that our responses are effective and that they make a positive difference. Evaluation can provide invaluable lessons to how we design policies, strategies and programs and how we allocate limited resources between competing priorities. This book brings together key thinkers and practitioners from the

public and private sectors, from major multilateral organizations and from bilateral donor agencies, to present the latest knowledge and experience on how to evaluate interventions in the nexus of environment and development. The book does not promote any particular approach or methodology, but rather emphasizes the need for mixed methods to address the question at hand in the best and most suitable manner. It covers cases from a variety of fields, from climate change mitigation and adaptation, energy efficiency and renewable energy, natural resources management, biodiversity conservation and more. This book is not a conference proceedings although it has its roots in the Third International Conference on Evaluating Environment and Development organized by the GEF Independent Evaluation Office in October 2019. The conference brought together a larger number of established and upcoming evaluators, researchers and evaluation users from the Global North and

South, representing a wide variety of organizations, to discuss the frontiers of environment and development evaluation. Following the conference, the editors identified and contacted the participants who made key contributions at the conference and asked them to develop their ideas and papers into book chapters according to a coherent plan. *Economics of Environment and Development* Nov 17 2021 Designed specifically for students of economics, business economics, and allied areas at the undergraduate and postgraduate level, this book includes specially contributed articles by acknowledged experts of the discipline from all over the world. It covers critical areas like theory of externalities and market failure, valuation and accounting of environmental impacts, economic instruments for industrial pollution and environmental resources, poverty and environmental degradation, and corporate environmental management. The book also explores how to

make development more sustainable, micro economics for ecological sustainability, and environmental policy in open economies.

The League of Nations and the Protection of the Environment Oct 04 2020 This first study of the environmental challenges handled by the League of Nations pioneers new perspectives on legal and environmental history.

Handbook Of Environment And Waste Management - Volume 2: Land And Groundwater Pollution Control Apr 10 2021

The Handbook of Environment and Waste Management, Volume 2, Land and Groundwater Pollution Control, is a comprehensive compilation of topics that are at the forefront of many of the technical advances and practices in solid waste management and groundwater pollution control. These include biosolids management, landfill for solid waste disposal, landfill liners, beneficial reuse of waste products, municipal solid waste recovery and recycling and groundwater

remediation. Internationally recognized authorities in the field of environment and waste management contribute chapters in their areas of expertise. This handbook is an essential source of reference for professionals and researchers in the areas of solid waste management and groundwater pollution control, and as a text for advanced undergraduate and graduate courses in these fields.

Environmental Oceanography May 11 2021 The second edition of Environmental Oceanography is the first textbook to link the needs of the coastal oceanographer and the environmental practitioner. The ever-increasing human impact on the environment, and particularly on the coastal zone, has led governments to carefully examine the environmental implications of development proposals. This book provides the background needed to undertake coastal oceanographic investigations and sets them in context by incorporating case studies and sample problems

based on the author's experience as an environmental consultant.

Routledge Handbook of Environmental Policy in China Feb 08 2021 During the last few decades, China has accomplished unprecedented economic growth and has emerged as the second largest economy in the world. This 'economic miracle' has led hundreds of millions of people out of poverty, but has also come at a high cost. Environmental degradation and the impact of environmental pollution on health are nowadays issues of the greatest concern for the Chinese public and the government. The Routledge Handbook of Environmental Policy in China focuses on the environmental challenges of China's rapidly growing economy and provides a comprehensive overview of the policies developed to address the environmental crisis. Leading international scholars and practitioners examine China's environmental governance efforts from an interdisciplinary perspective. Divided into five

parts, the handbook covers the following key issues: Part I: Development of Environmental Policy in China - Actors and Institutions Part II: Key issues and Strategies for Solution Part III: Policy Instruments and Enforcement Part IV: Related Policy Fields - Conflicts and Synergies Part V: China's Environmental Policy in the International Context This comprehensive handbook will be an invaluable resource to students and scholars of environmental policy and politics, development studies, Chinese studies, geography and international relations.

Routledge Handbook of the Environment in Southeast Asia Mar 21 2022 The environment is one of the defining issues of our times, and it is closely linked to questions and dilemmas surrounding economic development. Southeast Asia is one of the world's most economically and demographically dynamic regions, and it is also one in which a host of environmental issues raise themselves. The Routledge Handbook of the Environment in Southeast Asia is a collection of

30 chapters dealing with the most significant scholarly debates in this rapidly growing field of study. Structured in four main parts, it gives a comprehensive regional overview of, and insight into, the environment in Southeast Asia. Wide-ranging and balanced, this handbook promotes scholarly understanding of how environmental issues are dealt with from diverse theoretical perspectives. It offers a detailed empirical understanding of the myriad environmental problems and challenges faced in Southeast Asia. This is the first publication of its kind in this field; a helpful companion for a global audience and for scholars of Southeast Asian studies from a variety of disciplines.

Environmental Science For Dummies Aug 14

2021 The easy way to score high in Environmental Science Environmental science is a fascinating subject, but some students have a hard time grasping the interrelationships of the natural world and the role that humans play within the environment. Presented in a

straightforward format, Environmental Science For Dummies gives you plain-English, easy-to-understand explanations of the concepts and material you'll encounter in your introductory-level course. Here, you get discussions of the earth's natural resources and the problems that arise when resources like air, water, and soil are contaminated by manmade pollutants.

Sustainability is also examined, including the latest advancements in recycling and energy production technology. Environmental Science For Dummies is the most accessible book on the market for anyone who needs to get a handle on the topic, whether you're looking to supplement classroom learning or simply interested in learning more about our environment and the problems we face. Presents straightforward information on complex concepts Tracks to a typical introductory level Environmental Science course Serves as an excellent supplement to classroom learning If you're enrolled in an introductory Environmental Science course or

studying for the AP Environmental Science exam, this hands-on, friendly guide has you covered.

Essentials of Environmental Public Health Science Feb 20 2022 This book provides guidance on the technical aspects of

environmental and public health investigations. The authors provide practical, expert advice on a range of topics from key concepts and framework for investigation to waste management. Case studies are used to aid learning and understand of the topics discussed.