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Encyclopedia of Environmental Issues May 19 2021 "This four-volume set assembles information from numerous fields of knowledge relevant to the study of environmental issues, including biology, geology, anthropology, demographics, genetics, and engineering, and explains the interrelationships of these issues in easily understood terms." --Publisher.

Environmental Sociology Jul 29 2019 John Hannigan's definitive textbook offers a distinctive, balanced coverage of environmental issues, policies and action. This revised fourth edition has been expanded and fully updated to explore contemporary developments and issues within global environmental sociology. Environmental Sociology reconciles Hannigan's widely cited model of the social construction of environmental problems and controversies, which states that incipient environmental issues must be identified, researched, promoted and persuasively argued in the form of "claims", with an environmental justice perspective that stresses inequality and threats to local communities. For example, this new edition explores the interconnections between indigenous communities and environmental activists via a study of the difficult relationship between Aboriginal people and environmentalists in Australia. The updated fourth edition also discusses new direct action protest groups, such as Extinction Rebellion, who have reframed the discourse around the "climate emergency" using apocalyptic language and imagery. Environmental Sociology also signposts exciting new directions for future research. The fourth edition re-interrogates the classical roots of environmental theory with a focus of the work of Alexander von Humboldt. Hannigan also asserts the need for environmental sociologists to turn their attention to "The Forgotten Ocean", arguing that the discipline should incorporate cutting-edge concepts such as marine justice, striated space and volumetrics. Environmental Sociology is a key text for students and researchers in environmental studies, political ecology, social geography and environmental sociology.

[Exploring Environmental Issues](#) Feb 25 2022 Global warming, ozone depletion, drought, acid rain - their causes are viewed as extraordinarily complex; their effects are assumed catastrophic. Exploring Environmental Issues provides a key to understanding our potential crisis. The concise, introductory text presents a review of current environmental issues using a geographical approach that stresses the interrelationships between environment and societies. This user-friendly volume is an essential book for students and all who are concerned with the nature of contemporary environmental issues. Information is presented in a refreshing manner utilising over 170 figures and 50 photographs. Global boxed case studies are used throughout to highlight and explore issues in more detail. The text also contains discussion points, annotated further reading and an extensive glossary.

[Environmental Management in ASEAN](#) Apr 05 2020 The problem of environmental degradation in the ASEAN region cannot be underestimated. The articles in this book examine some of the common environmental issues faced by countries in the region. They provide a brief overview of some major environmental problems such as fisheries management, tropical deforestation, and pollution in urban areas and highlight some of the research, policy and institutional constraints in the region.

Environmental Pollutants and their Bioremediation Approaches Jul 01 2022 This book is a compilation of detailed and latest knowledge on the various types of environmental pollutants released from various natural as well as anthropogenic sources, their toxicological effects in environments, humans, animals and plants as well as various bioremediation approaches for their safe disposal into the environments. In this book, an extensive focus has been made on the various types of environmental pollutants discharged from various sources, their toxicological effects in environments, humans, animals and plants as well as their biodegradation and bioremediation approaches for environmental cleanup.

Freshwater Aug 29 2019 Freshwater is our planet's most precious resource, and also the least conserved. Freshwater makes up only 3 percent of the total water on the planet, and yet the majority (1.9 percent) is held in a frozen state in glaciers, icebergs, and polar ice fields. This leaves approximately one-half of 1 percent of the total volume of water on the planet as freshwater available in liquid form. This book traces the complex history of the steady growth of humankind's water consumption, which today reaches some 9.7 quadrillion gallons per year. Along with a larger population has come the need for more drinking water, larger farms requiring extensive irrigation, and more freshwater to support business and industry. At the same time, such developments have led to increased water pollution. Three detailed case studies are included. The first looks at massive water systems in locations such as New York City and the efforts required to protect and transport such resources. The second shows how growth has affected freshwater quality in the ecologically unique and geographically isolated Lake Baikal region of eastern Russia. The third examines the success story of the privatized freshwater system in Chile and consider how that country's water sources are threatened by climate change.

Psychological Theories for Environmental Issues Jan 27 2022 Environmental psychology is an increasingly important area of research, focusing on the individual and social factors responsible for many critical human responses to the physical environment. With such rapid and widespread growth, the main theoretical strands have often been left unclear and their scientific and practical implications have been underdeveloped. This essential and stimulating book contextualizes and critically analyzes the main theoretical ideas. It compares the different theories, assessing each one's possibilities and limitations, and demonstrates how each approach has been used for the development of knowledge of environmental psychology. The research area infiltrates a broad selection of disciplines, including psychology, architecture, planning, geography, sociology, environmental issues, economics and law. It also offers significant contributions to a wide range of policy evaluations. It will prove invaluable to academics and practitioners from across these disciplines, above all those in planning, environmental studies, human geography and psychology.

Learn for our planet Jul 21 2021

Global Environmental Issues Nov 24 2021 Meeting the needs of upper level students, this book treats global environmental problems as complex issues with a network of human and biophysical causes. Each chapter interlinks human demands on the Earth's resources to natural biophysical change - not simply a 'cause and effect' treatment of global issues and environmental change. Includes coverage of contemporary hot topics such as biodiversity, urbanisation and sustainable development. Global case studies (two per chapter) contextualise theory for students. "This book should have considerable appeal among undergraduate and postgraduate students in a broad range of disciplines."

Frances Harris has assembled a team of well-qualified authors, who between them consider such important environmental issues as climate and sea level change, biodiversity, GM crops, energy supply, urbanization, pollution and sustainable development. The style is clear and non-technical, the coverage is global and the text is supported by numerous figures and illustrations. Boxed case studies provide useful exemplification of general issues. I have no doubt that this book will be very popular with my own students, in providing detailed analysis of a range of key environmental issues which are frequently reported in the media." Tony Binns, University of Sussex, UK "This book usefully realises that environmental issues are a complex blend of contested science, broader socio-political contexts and the concerns, values, attitudes and livelihoods of individuals. Written by internationally recognised authors, it covers major global issues such as pollution, energy, climate change, sea level rise, food production, urbanisation and sustainability in an informative way, with abundant case studies and illustrations, which clearly exemplify just how complex the facets of the issues can be. It does not offer easy solutions but it is a good exercise in awareness for the reader." Stephen Trudgill, Robinson College, University of Cambridge, UK

The Failure of Environmental Education (And How We Can Fix It) Jan 15 2021 "The hope for the future depends on teaching current and future students the analytical and critical thinking skills for dealing with the most critical problems. My own hope is for this book to be read by everyone, even those outside the field of environmental education. Read this book, read it again, share it widely, and do something - anything - to help our needy and wounded planet."-Marc Bekoff, author of *The Animal Manifesto: Six Reasons For Expanding Our Compassion Footprint* "Saylan and Blumstein provide a compelling vision of what can be, and what should be, if we have the courage to open our eyes and the boldness to act."-Peter Saundry, Ph.D., Executive Director of the National Council for Science and the Environment "A clarion call to incorporate environmental education in all grades K-12, across all academic disciplines, in order to produce future generations of environmental stewards."-Mark Gold, President, Heal The Bay "We need a sea change in the educational system. After all, if we can teach schoolchildren that vandalism is wrong, why can we not teach them that environmental destruction is wrong? This book is a haunting call to action. A beautifully written manifesto that gets it right."-Ron Swaisgood, Director of Applied Animal Ecology, Institute for Conservation Research, San Diego Zoo Global "The greatest threat to the future of all species on the planet is the huge gap between what is understood about global climate change by the scientific community and what is known about climate change by the people who need to know -- the public. The sound prescriptions in this book need to be read now. We are running out of time."-Dr. James Hansen, world-renowned climatologist and author of *Storms of My Grandchildren: The Truth About the Coming Climate Catastrophe and Our Last Chance to Save Humanity* "Environmental education is a disaster and educating the public on environmental issues is the greatest challenge facing humanity today. This book will help us understand why we are headed toward the collapse of civilization, and more important, how to fix it. Packed with sound science, useful information, and brilliant ideas, it is a book we must read, and give, to our local school boards and principals nationwide. Our children will thank us."-Paul R. Ehrlich, author of *The Population Bomb and Humanity on a Tightrope*

Environmental Issues Oct 04 2022 Due to the ever increasing demands of human beings there is an additional requirement of understanding environmental issues related to human activities, and their effect on the planet. The need to protect the environment seems frequently in conflict with the need to feed the ever growing population, to supply the energy to the industries, transportation and fueling other needs. The present textbook begins with the basic knowledge of environmental issues. The aim of the book is to present an outline of environmental problems created by human beings in their quest to produce food and make life comfortable; to highlight the effects of these problems on environment, living organisms and humans themselves; to draw attention to the work of individuals, groups and governments in their efforts to solve these environmental problems and preserve the environment and the world for the future generations. This book will discuss the broad overview of the global and regional environmental issues including global warming, ozone layer depletion, environmental pollution, regional issues like desertification, eutrophication, siltation etc. It includes coverage of contemporary hot topics such as biodiversity, urbanization and deforestation. This book will be very useful not only for the Environmental Science students, but also for all other PG students who have opted for the Environmental Issues course in open elective course. It is presented in highly readable manner that makes it easy for the students with limited science background, while remaining useful to those with more. Efforts have been made to make the readers understand the causes of environmental problems and find local and global solutions to these problems. It will help the students to understand the need to protect the environment. The easy approach followed in this book will help the students to explore the importance of study of Environmental Issues.

Environmental Science Jun 19 2021 Environmental Science: Systems and Solutions, Sixth Edition features updated data and additional tables with statistics throughout to lay the groundwork for a fair and apolitical foundational understanding of environmental science. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

Emerging Issues in Ecology and Environmental Science Nov 12 2020 This book consists of full research papers submitted by scientists/faculty/research scholars who attended the conference on "Earth and Environment: Pollution and Prevention" held at Amity University, Noida from January 28-30, 2014 and had their abstracts published in the conference proceedings. The selected contributions mainly address contemporary issues related to environmental contamination such as industrial wastewater characterization and treatment, microplastics, temporal mount of air pollutants, atmospheric EC, ecofriendly catalytic technology for textile waste, dairy industry, waste water treatment, industrial air pollution, and plant isoprene emissions. The eight studies in the book will be of interest to environmental pollution researchers and students, as well as scientists interested in the proceedings from the "Earth and Environment: Pollution and Prevention" meeting. .

Contemporary Environmental Issues and Challenges in Era of Climate Change Jun 07 2020 Over the last few decades, unprecedented global population growth has led to increased demand for food and shelter. At the same time, extraction of natural resources beyond the Earth's resilience capacity has had a devastating effect on ecosystems and environmental health. Furthermore, climate change is having a significant impact in a number of areas, including the global hydrological cycle, ecosystem functioning, coastal vulnerability, forest ecology, food security, and agricultural sustainability. According to the Intergovernmental Panel on Climate Change (IPCC), only immediate and sustained action will prevent climate change causing irreversible and potentially catastrophic damage to our environment. This book presents various scientific views and concepts, research, reviews, and case studies on contemporary environmental issues in changing climate scenarios and highlights different adaptation measures. Increasing awareness of modern-day patterns of climate change, it addresses questions often raised by environmental scientists, researchers, policymakers and general readers.

The Environment Jun 27 2019 How are human societies changing the global environment? Is sustainable development really possible? Can environmental risks be avoided? Is our experience of nature changing? This book shows how questions about the environment cannot be properly answered without taking a sociological approach. It provides a comprehensive guide to the ways in which sociologists have responded to the challenge of environmental issues as diverse as global warming, ozone depletion, biodiversity loss and marine pollution. It also covers sociological ideas such as risk, interpretations of nature, environmental realism, ecological modernization and globalization. Environmentalism and green politics are also introduced. Unlike many other texts in the field, the book takes a long-term view, locating environmental dilemmas within the context of social development and globalization. The Environment: A Sociological Introduction is unique in presenting environmental issues at an introductory level that assumes no specialist knowledge on the part of readers. The book is written in a remarkably clear and accessible style, and uses a rich range of empirical examples from across the globe to illustrate key debates. A carefully assembled glossary and annotated further reading suggestions also help to bring ideas to life. The book will be a valuable resource for students in a range of disciplines, including sociology, geography and the environmental sciences, but also for anyone who wants to get to grips with contemporary environmental debates.

Understanding Environmental Issues Apr 29 2022 "Understanding Environmental Issues provides an excellent foundation for developing critical thinking about contemporary environmental concerns and the ways in which these are debated, represented and managed. The book should achieve its aim of stimulating students to engage with how ideas of sustainability and environmental justice can be applied both in policy and in practical action." - Gordon Walker, Lancaster Environment Centre, Lancaster University "The arena of environmental issues is a

minefield for undergraduate students seeking clarity about key problems and solutions. This is where Understanding Environmental Issues will play a major role, providing a stimulating guide through the wealth of material and complex ideas. In particular the unification of social and physical science in the case studies provides a holistic approach to the subject that is essential for students and a refreshing innovation for environmental textbooks." - Anna R. Davies, Trinity College, University of Dublin There is now an unprecedented interest in, and concern about, environmental problems. Understanding Environmental Issues explains the science behind these problems, as well as the economic, political, social, and cultural factors which produce and reproduce them. This book: Explains, clearly and concisely, the science and social science necessary to understand environmental issues. Describes - in section one - the philosophies, values, politics, and technologies which contribute to the production of environmental issues. Uses cases on climate change, waste, food, and natural hazards in section two to provide detailed illustration and exemplification of the ideas described in section one. The conclusion, a case study of Mexico City, draws together the key themes Vivid, accessible and pedagogically informed, Understanding Environmental Issues will be a key resource for undergraduate and taught postgraduate students in Geography, Environment, and Ecology; as well as students of the social sciences with an interest in environmental issues.

Thermodynamics, Solubility and Environmental Issues Oct 24 2021 Environmental problems are becoming an important aspect of our lives as industries grow apace with populations throughout the world. Thermodynamics, Solubility and Environmental Issues highlights some of the problems and shows how chemistry can help to reduce these them. The unifying theme is Solubility - the most basic and important of thermodynamic properties. This informative book looks at the importance and applications of solubility and thermodynamics, in understanding and in reducing chemical pollution in the environment. Written by experts in their respective fields and representing the latest findings in this very important and broad area. A collection of twenty-five chapters cover a wide range of topics including; mining, polymer manufacture and applications, radioactive wastes, industries in general, agro-chemicals, soil pollution and biology, together with the basic theory and recent developments in the modelling of environmental pollutants. Latest research into solving some of the most important environmental problems Covering new technologies, new chemicals and new processes eg, biodegradable polymers, ionic liquids and green chemistry Contains the basic theories and underlying importance of solubility

Global Environmental Issues May 31 2022 Global Environmental Issues, second edition builds on the popularity of the first edition, viewing global environmental problems as complex issues with a network of causes, influenced by a range of actors with differing priorities. The book recognises that science underpins much of what happens in society and therefore it is important to be able to interpret the environmental and social consequences of scientific developments. In addition to discussing the main biophysical causes, the book illustrates how socio-economic and political factors determine why and how people use land, resources and technology, and how this in turn affects natural resource management. This edition includes new chapters on the politics of science, International environmental regulation and treaties, environmental issues in a globalised world and natural resource management. Global Environmental Issues, second edition is essential reading for upper level undergraduates and Masters students within departments of Environmental Science and Geography. Includes case studies from around the world to provide a real life context for the issues tackled in each chapter Considers both the results of human actions and natural environmental change in order to provide balanced, in-depth debate Includes coverage of contemporary 'hot topics' such as biodiversity, globalization and sustainable development Chapters authored by experts in the field Includes new chapters on The politics of science, International environmental regulation and treaties , Environmental issues in a globalised world and Natural Resource Management Expanded sections include negotiating multilateral environmental agreements, GM crops, biofuels and marine and freshwater resources

Environmental Issues Today: Choices and Challenges [2 volumes] Oct 31 2019 This two-volume set provides an authoritative overview of the major environmental issues of the 21st century, with a special focus on current challenges, trends, and policy choices. This set provides an up-to-date, comprehensive, and focused resource for understanding the nature and scope of environmental challenges facing the United States and the world in the 21st century, as well as options for meeting those challenges. Volume One covers environmental trends and challenges within the United States, while Volume Two illuminates environmental issues and choices around the world. Issues covered in both volumes include vital topics such as climate change, air and water pollution, natural resource and species protection, and agricultural/industrial impacts on the environment and public health. For all topics, the authors—scholars and experts hailing from a wide range of environmental and policy fields—detail a range of political, social, and economic options for the future and explain why the issue in question is important for society and people as well as the natural world. User-friendly division of volumes into U.S. and international coverage Authoritative and objective analysis from environmental scholars Illuminating sidebars providing case studies about important environmental trends and policies Lists of issue-specific resources for further research

Analyzing Global Environmental Issues Nov 05 2022 This book includes chapters by experts proposing game theoretical solutions and applying experimental design to a variety of social issues related to global and international conflicts over natural resources and the environment. The focus of the book is on applications that have policy implications, relevance and, consequently, could lead to the establishment of policy dialogue. The chapters in the book address issues that are global in nature, such as international environmental agreements over climate change, international water management, common pool resources, public goods, international fisheries, international trade, and collective action, protest, and revolt.

Introduction to Water Resources and Environmental Issues Sep 10 2020 Thoroughly updated and expanded new edition introduces students to the complex world of water resources and environmental issues.

Chinese Research Perspectives on the Environment Oct 12 2020 "This volume of the Chinese Research Perspectives on the Environment series is a translation of Environmental Security in China, which features contributions from top researchers from Chinese universities, including the Chinese Academy of Social Sciences. The ten articles following the introduction cover a range of environmental issues in four large categories with significant security implications: pollution, ecosystem deterioration, food and energy supply. In addition to long-standing environmental problems such as air, water and soil pollution, and grassland degradation, genetically modified (GM) foods, climate change and China's energy dependence, which have taken on increasing urgency in recent years, are also discussed. Each chapter includes conceptual clarifications, historical overview, empirical analysis, case studies, international comparisons, and policy recommendations"--

The Environment Aug 10 2020 The untold history of how people came to conceive, to manage, and to dispute environmental crisis, The Environment is essential reading for anyone who wants to help protect the environment from the numerous threats it faces today.

Current Environmental Issues and Challenges Apr 17 2021 Few books currently exist that cover such a wide spectrum of topics. The chapters dealing with air pollution from mobile sources, air pollution and health effects and air quality modelling fall into the air pollution category while the ones related to microalgae for carbon dioxide sequestration/biofuels production, fuel cells, and solar energy technology, respectively, can be ascribed to the energy topic. Several technologies to handle a wide spectrum of environmental pollutants are taken into account in numerous chapters. The chapter on biodiversity is clearly related to the conservation issue, while the water pollution subject is tackled by the chapter on water quality monitoring. Finally, a general analysis on green business, as well as a chapter on grid/cloud computing technology for collaborative problem solving and shared resources management conclude the work. Because of its breadth of coverage, this book is particularly useful as a graduate text.

Environmental Justice Feb 13 2021 Environmental Justice: Key Issues is the first textbook to offer a comprehensive and accessible overview of environmental justice, one of the most dynamic fields in environmental politics scholarship. The rapidly growing body of research in this area has brought about a proliferation of approaches; as such, the breadth and depth of the field can sometimes be a barrier for aspiring environmental justice students and scholars. This book therefore is unique for its accessible style and innovative approach to exploring environmental justice. Written by leading international experts from a variety of professional, geographic, ethnic, and disciplinary backgrounds, its chapters combine authoritative commentary with real-life cases. Organised into four parts—approaches, issues, actors and future directions—the chapters help the reader to understand the foundations of the field, including the principal concepts, debates, and historical milestones. This volume also features sections with learning outcomes, follow-up questions, references for further reading and vivid

photographs to make it a useful teaching and learning tool. Environmental Justice: Key Issues is the ideal toolkit for junior researchers, graduate students, upper-level undergraduates, and anyone in need of a comprehensive introductory textbook on environmental justice.

Environmental Issues Surrounding Human Overpopulation May 07 2020 There are many factors to be considered when examining the current state of environmental problems in the modern world. By addressing these causes, the preservation of ecosystems and environmental resources can be maintained. Environmental Issues Surrounding Human Overpopulation is an authoritative reference source for the latest scholarly research on the depletion of natural resources due to overpopulation and presents insights on how these environmental threats can be addressed. Highlighting technological, economic, and social perspectives, this book is ideally designed for policymakers, researchers, academics, students, and practitioners interested in better understanding the current state of the global environment.

Building a Foundation for Sound Environmental Decisions Sep 03 2022 Over the past decades, environmental problems have attracted enormous attention and public concern. Many actions have been taken by the U.S. Environmental Protection Agency and others to protect human health and ecosystems from particular threats. Despite some successes, many problems remain unsolved and new ones are emerging. Increasing population and related pressures, combined with a realization of the interconnectedness and complexity of environmental systems, present new challenges to policymakers and regulators. Scientific research has played, and will continue to play, an essential part in solving environmental problems. Decisions based on incorrect or incomplete understanding of environmental systems will not achieve the greatest reduction of risk at the lowest cost. This volume describes a framework for acquiring the knowledge needed both to solve current recognized problems and to be prepared for the kinds of problems likely to emerge in the future. Many case examples are included to illustrate why some environmental control strategies have succeeded where others have fallen short and how we can do better in the future.

The Global Casino Dec 14 2020 The Global Casino is an introduction to environmental issues which deals both with the workings of the physical environment and the political, economic and social frameworks in which the issues occur. Using examples from all over the world, the book highlights the underlying causes behind environmental problems, the human actions which have made them issues, and the hopes for solutions. It is a book about the human impact on the environment and the ways in which the natural environment impacts human society. The fifth edition has been fully revised and updated throughout, with new case studies, figures, and online resources such as downloadable figures and tables from the text and multiple choice questions for students, accessible at: www.routledge.com/cw/middleton. New topics covered in extended boxed case studies include payment for environmental services, ocean acidification, biofuels in Brazil, waste reduction through industrial symbiosis, and the long-term impact of natural disasters on vulnerable groups. Other approaches and concepts covered for the first time in this new edition include traditional ecological knowledge, environmental justice, the 'resource curse', and urban biodiversity. Eighteen chapters on key issues follow three initial chapters which outline the background contexts of the physical and human environments and the concept of sustainable development. Each chapter provides historical context for key issues, outlines why they have arisen, and highlights areas of controversy and uncertainty to appraise how issues can be resolved both technically and in political and economic frameworks. Each chapter also contains an updated critical guide to further reading and websites, as well as discussion points and essay questions. The text can be read in its entirety or individual chapters adopted as standalone reading. The Global Casino is an essential resource for students of the environment, geography, earth sciences and development studies. It provides comprehensive and inspirational coverage of all the major global environmental issues of the day in a style that is clear and critical.

Environmental Protection Jan 03 2020 The present book investigates various dimensions of environmental protection and degradation. It contains original and review research articles from science as well as literature fields. Broadly speaking it covers the areas like environmental degradation, issues of pollution, geo-environmental predicament, Eco criticism and environmental consciousness in English literature. The main purpose of the book is to investigate present predicament of environmental degradation and to discuss the possible solutions in a scientific way for the protection of environment. At present the books available on the topic of environmental protection does not cover all the dimensions and most of them are particular path oriented like resources on biodiversity, pollution, etc. the present book fulfills this lacuna and explores environment from various perspectives in a scientific way. The book also discusses reflection of environmental consciousness in literature. Since environmental degradation and protection is a multi-layered phenomenon, this book will be helpful to the teachers, students and researchers who wish to understand various dimensions of the environmental issues with possible scientific solutions.

Toxic Politics Mar 05 2020 China's deepening health crisis reveals the fragility of the party-state and undercuts China's ability to project influence internationally.

Living with Covid-19 Sep 30 2019 At the end of 2019, the world came across a virus, SARS-CoV-2, which causes a disease classified as COVID-19. The virus is highly transmissible and causes an acute respiratory syndrome that ranges from mild symptoms in about 80% cases to very severe symptoms with respiratory failure in 5% to 10% of cases. The epicenter of the outbreak of this pandemic was Wuhan, a city in China's Hubei Province. The World Health Organization has declared the outbreak of COVID-19 to be a pandemic and classified it as a high global risk. Human health risk assessment for COVID-19 depends on the characteristics of the virus and includes the process of gathering and analyzing environmental and health information using specific techniques to support decision making, systematically taking actions, and articulating the collected information within and between sectors for promoting health and improving the social and living conditions of populations. To assess COVID-19 risk factors, it is important to consider and document all relevant information available at the time of assessment. In this way, decision making will get a direction and the assessment process will get recorded, which includes evaluation of the risk factors, control measures, methods used for evaluation, why they were considered important, and their order of priority. This book addresses in detail the challenges posed by the virus and presents up-to-date knowledge on safety risk assessment and economics, as well as ethical, legal, and social implications (ELSI) of COVID-19.

Environmental Skepticism Feb 02 2020 'Environmental skepticism' describes the viewpoint that major environmental problems are either unreal or unimportant. In other words, environmental skepticism holds that environmental problems, especially global ones, are inauthentic. Peter Jacques describes, both empirically and historically, how environmental skepticism has been organized by mostly US-based conservative think tanks as an anti-environmental counter-movement. This is the first book to analyze the importance of the US conservative counter-movement in world politics and its meaning for democratic and accountable deliberation, as well as its importance as a mal-adaptive project that hinders the world's people to rise to the challenges of sustainability. Specific consideration is given to the threat of the counter-movement to marginalized people of the world and its philosophical implications through its commitment to a 'deep anthropocentrism'.

Environment and Society Dec 26 2021 The sixth edition of Environment and Society continues to connect issues about human societies, ecological systems, and the environment with data and perspectives from different fields. While the text looks at environmental issues from a primarily sociological viewpoint, it is designed for courses in Environmental Sociology and Environmental Issues in departments of Sociology, Environmental Studies, Anthropology, Political Science, and Human Geography. Clearly defined terms and theories help familiarize students from various backgrounds with the topics at hand. Each of the chapters is significantly updated with new data, concepts, and ideas. Chapter Three: Climate Change, Science and Diplomacy, is the most extensively revised with current natural science data and sociological insights. It also details the factors at play in the establishment of the Paris Agreement and its potential to affect global climate change. This edition elevates questions of environmental and climate justice in addressing the human-environment relations and concerns throughout the book. Finally, each chapter contains embedded website links for further discussion or commentary on a topic, concludes with review and reflection questions, and suggests further readings and internet sources.

Global Environmental Issues Aug 02 2022 This book provides a balanced account of the global environmental issues which threaten our society and which we neglect at our peril. Analysing both social and environmental components of the issues - global warming, ozone depletion, acid rain and drought - the book offers a valuable integrative approach and a detailed analysis of environmental issues in a clear, non-technical manner. Emphasising the climatological dimension common to all environmental issues, Global Environmental Issues recognises the multi-faceted nature of the issues, their common causes and the possibility of common solutions. Assessment of socio-economic, cultural and political factors provides a balanced introduction to both the dangers and advantages of human interference with the environment. What

have we done to deserve our current environmental crisis? Can we solve our current environmental problems, or is it too late? This new edition of a best selling text is completely updated and expands to include greater detail and new material such as a new section on atmospheric modelling. A glossary has been added together with a bibliography for further reading at the end of each chapter, allowing readers to develop their interest in specific areas. The interdisciplinary text will prove invaluable to students in geography, environmental studies and other courses in which the environmental approach is emphasised.

Applied Natural Science Aug 22 2021 Applied Natural Science: Environmental Issues and Global Perspectives provides the reader with a complete insight into the natural-scientific pattern of the world, covering the most important historical stages of the development of various areas of science, methods of natural-scientific research, general scientific and philosophical concepts, and the fundamental laws of nature. The book analyzes the main scientific trends and developments of modern natural science and also discusses important aspects of environmental protection. Topics include: The problem of "the two cultures": the mathematization of natural sciences and the informatization of society The non-linear nature of the processes occurring in nature and society Application of the second law of thermodynamics to describe the development of biological systems Global problems of the biosphere Theory and practice of stable organic paramagnetic materials Polymers and the natural environment Key features include: An interdisciplinary approach in considering scientific and technical problems A discussion of general scientific trends in modern natural science, including globalization challenges in nature and society, the organic chemistry of stable paramagnetic materials, the fundamentals of the environmental chemistry of polymeric materials, etc. A justification of applying classical (non-equilibrium) thermodynamics to studying the behavior of open (including biological) systems Of particular importance in the book is the discussion of some problems associated with the place of man in the biosphere, issues of the globalization of science and technology, new ideas about the universe, and the concept of universal evolutionism. At the same time, the book discusses more specific issues related to solving major global and regional environmental problems (particularities of organic paramagnetic materials, the influence of polymers on the man and environment, etc). All this leads to the fundamental conclusion of the unity of animate and inanimate nature, as well as improvement of the process of cognition of the real world, which consists in objective and natural changing of world views. The book is intended for professors, teachers, and students of classical and technological universities who are interested in the development of the foundations of modern natural sciences, as well as for professionals working in the field of chemical physics and applied ecology.

Environmental Issues and Sustainable Development Mar 17 2021 In recent years, attention to climate change and its associated impacts on economic and social development has increased significantly. Extreme weather conditions worldwide are threatening the survival of sensitive species and habitats. The situation is so dire that governments, academia, and non-governmental organizations across the globe are actively working to meet the United Nations Sustainable Development Goals. This book enhances understanding of environmental changes and the relative response to the socio-economic challenges of development. It provides a comprehensive overview of the impact of environmental change on natural resources and the climate, as well as discusses waste management and sustainable solutions.

Environmental Science For Dummies Dec 02 2019 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.

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Report on Global Environmental Competitiveness (2013) Sep 22 2021 This book explores the environmental competitiveness of 133 countries around the world, presenting an index evaluation system to facilitate a comparative analysis of environmental competitiveness on a global scale. This is a new way to measure competitiveness in the light of the contradiction between world economic development and environmental protection. Global environmental competitiveness covers five aspects: the ecological environment, resources environment, environmental management, environmental impacts and environmental coordination. The authors use longitudinal study and horizontal analysis, combining qualitative and quantitative analysis methods so as to conduct an in-depth study of theoretical, empirical and methodological issues of global environmental competitiveness. The work is presented here in three main parts beginning with the theory, technical road-map and analytical approach used. The second part reports on the countries as evaluation objects, analyzing the development status of global environmental competitiveness as a whole and revealing the strengths and weaknesses of each country's environmental competitiveness. Basic paths and strategies to enhance the competitiveness level are presented. In the third part the reader will discover a sub-report and evaluation of the environmental competitiveness for 133 countries around the world, revealing the characteristics and relative differences of countries representing different levels of development, in order to provide an important decision-making reference to those considering environmental economic policies, especially those considering accelerating a green economic transformation and enhancing environmental competitiveness. This book will appeal to scholars and professionals with an interest in environmental issues and environmental competitiveness at a global level, as well as those with an interest in each of the 133 countries analyzed in this text, including environmental policy makers in those countries.

Environmental Issues in India Jul 09 2020 Contributed articles presented at a workshop convened at Department of History, Delhi University in September 2005.