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Science John Michels (Journalist) 2008 Since Jan. 1901 the official proceedings and most of the papers of the American Association for the Advancement of Science have been included in Science.

Children's Books in Print, 2007 2006

The Quest for the Golden Trout Douglas M. Thompson 2013-09-22 The angler's dream of fishing pristine waters in unspoiled country for sleek, healthy trout has turned fishing into a form of theater. It is a manufactured experienceMuch to the detriment of our rivers and streams. Americans' love of trout has reached a level of fervor that borders on the religious. Federal and state agencies, as well as nongovernmental lobbying groups, invest billions of dollars on river restoration projects and fish-stocking programs. Yet, their decisions are based on faulty logic and risk destroying species they are tasked with protecting. River ecosystems are modified with engineered structures to improve fishing, native species that compete with trout are eradicated, and nonnative invasive game fish are indiscriminately introduced, genetically modified, and selectively bred to produce more appealing targets for anglersIncluding the freakishly contrived "golden trout." The Quest for the Golden Trout is about looking at our nation's rivers with a more critical eyeNand asking more questions about both historic and current practices in fisheries management.

Hoosier National Forest (N.F.), Proposed Land and Resource Management Plan 2006

Salmon-Challis National Forest (N.F.), Travel Planning and OHV Route Designation 2009

Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume 10 - E-Book Eric R. Miller 2022-07-08 Fowler's Current Therapy format ensures that each volume in the series covers all-new topics with timely information on current topics of interest in the field. Focused coverage offers just the right amount of depth — often fewer than 10 pages in a chapter — which makes the material easier to access and easier to understand. General taxon-based format covers all terrestrial vertebrate taxa plus selected topics on aquatic and invertebrate taxa. Updated information from the Zoological Information Management System (ZIMS) includes records from their growing database for 2.3 million animals (374,000 living) and 23,000 taxa, which can serve as a basis for new research. Expert, global contributors include authors from the U.S. and 25 other countries, each representing trends in their part of the world, and each focusing on the latest research and clinical management of captive and free-ranging wild animals.

Te.HS&TJ Holt Rinehart & Winston 2004-02

Evaporites John K. Warren 2016-05-18 The monograph offers a comprehensive discussion of the role of evaporites in hydrocarbon generation and trapping, and new information on low temperature and high temperature ores. It also provides a wealth of information on exploitable salts, in a comprehensive volume has been assembled and organized to provide quick access to relevant information on all matters related to evaporites and associated brines. In addition, there are summaries of evaporite karst hazards, exploitative methods and problems that can arise in dealing with evaporites in conventional and solution mining. This second edition has been revised and extended, with three new chapters focusing on ore minerals in different temperature settings and a chapter on meta-evaporites. Written by a field specialist in research and exploration, the book presents a comprehensive overview of the realms of low- and high-temperature evaporite evolution. It is aimed at earth science professionals, sedimentologists, oil and gas explorers, mining geologists as well as environmental geologists.

Sustainable Governance in Hybrid Organizations Linne Marie Lauesen 2016-03-03 In Sustainable Governance in Hybrid Organizations the author Linne Marie Lauesen explores how businesses that have succeeded in conducting sustainable governance, manage and govern their sustainable performance: in other words, how they manage to be economically, socially, and environmentally sustainable. In this respect, hybrid organizations that are formed as businesses with a mission to be sustainable and to provide services for society - such as water companies - are a good point of departure. Water companies are highly regulated whilst working primarily for the betterment of society and on behalf of generations to come, for whom clean and plentiful water and the preservation of nature is a must. Linne Marie has dug deep into these types of hybrid organizations in order to reveal which mechanisms of organizational governance for sustainability are at play, and how these organizations manage to balance their triple bottom lines in order to survive financially, socially, and environmentally and make a business out of their conduct. Balancing these three bottom lines in a sustainable way is explained in a clear and accessible way and the juxtaposition between non-profit and for-profit water companies will show how this model can be transferred to other business spheres.

One Health Joana C. Prata 2022-05-06 One Health: Challenges for the 21st Century is a transdisciplinary approach to health, considering the interdependency of human, animal, and environmental health. This approach to health promotion and disease prevention calls for integrative and interdisciplinary cooperation. From zoonotic diseases to environmental degradation, this book introduces core concepts of the One Health approach by presenting focal key challenges. The objective of this book is not centered solely on epidemiologic interactions of infectious diseases but also on the environmental and ecological implications of current major threats. Written by international experts, the ten chapters provide a comprehensive approach consisting of core concepts, practical examples, and applications that align with key challenges to public health. Therefore, this book is a valuable resource for public health professionals, veterinarians, physicians, environmental researchers, policymakers, and other professionals who seek to understand the overarching complexities of health. Examines the interconnection between humans, animals and the environment and how those relationships impact prevention, early detection, containment, and response to public health risks Offers concise and comprehensive coverage of the One Health concept, application to key public health challenges, and current and future developments Presents insights from an interdisciplinary group of international experts, containing examples to illustrate One Health framework and issues

Animal Advocacy and Environmentalism Amy J. Fitzgerald 2018-12-14 Many people consider themselves to be both environmentalists and supporters of animal welfare and rights. Yet, despite the many issues which bring environmentalists and animal advocates together, for decades there have been flashpoints which seem to pit these two social movements against each other, dividing them in ways unhelpful to both. In this innovative book, Amy J. Fitzgerald analyses historic, philosophical, and socio-cultural reasons for this divide. Tackling three core contentious issues – sport hunting, zoos, and fur – over which there has been profound disagreement between segments of these movements, she demonstrates that, even here, they are not as far apart as is generally assumed, and that there is space where they could more productively work together. Charting a path forwards, she points to evolving practices and broad structural forces which are likely to draw the movements closer together in the future. The threats posed by industrial animal agriculture to the environment and to non-human and human animals demand, once and for all, that we bridge the divide between animal advocacy and environmentalism.

Grounding Religion Whitney A. Bauman 2017-04-11 Now in its second edition, Grounding Religion explores relationships between the environment and religious beliefs and practices. Established scholars introduce students to the ways in which religion shapes human–earth relations, surveying a series of questions about how the religious world influences and is influenced by ecological systems. Case studies, discussion questions, and further reading enrich students' experience. This second edition features updated content, including revisions of every chapter and new material on natural disasters, gender and sexuality, race and ethnicity, climate change, food, technology, and hope and despair. An excellent text for undergraduates and graduates alike, it offers an expansive overview of the academic field of religion and ecology as it has emerged in the past fifty years.

Outer Continental Shelf Oil & Gas Leasing Program, 2012-2017 2012 Describes the potential environmental impacts of the Proposed Final 2012-2017 Outer Continental Shelf (OCS) Oil and Gas Leasing Program (PPF), which establishes a schedule that is used as a basis for considering where and when oil and gas leasing might be appropriate over a 5-year period.

Great Basin Evolution and Metallogeny Roger C. Steingler 2011 This book comprises over 60 original and fully refereed technical presentations focused on geological analysis and testing of rocks, ores, minerals and elements correlated with gold mineralization and mining in the Great Basin region of the United States. Detailed geological data derived from advanced techniques is supplied for dozens of proven and currently explored mineral-rich areas in Nevada, California, Idaho, Utah, Washington and Alaska, as well as in Mexico and Chile. A wealth of analytic information, including full-color charts and maps, is presented on working gold, silver and copper mines opened or re-opened within the last 10 years, as well as on geological formations identified as promising for high-value future gold discoveries. Written by industry, government, and university researchers, these two volumes provide a wide range of stratigraphic, lithographic, remote-sensing models and core sample analyses, especially of rocks and ores likely to host Carlin-type gold deposits. Original research is presented on geothermal, geochemical, photoluminescent, tectonic and trace element investigations of geological phenomena associated with epithermal gold mineralization. Chapters of the book are peer-reviewed versions of presentations originally delivered at a symposium organized by the Geological Society of Nevada. The CD-ROM displays figures and illustrations in articles in full color along with a title screen and main menu screen. Each user can link to all papers from the Table of Contents and Author Index and also link to papers and front matter by using the global bookmarks which allow navigation of the entire CD-ROM from every article. Search features on the CD-ROM can be by full text including all key words, article title, author name, and session title. The CD-ROM has Auturon feature for Windows 2000 or higher products and can also be used with Macintosh computers. The CD includes the program for Adobe Acrobat Reader with Search 9.0. One year of technical support is included with your purchase of this product.

The Measurement of Environmental and Resource Values A. Myrick Freeman 2003 Non-market valuation is becoming increasingly accepted as an evaluative tool of economics related to environmental and resource protection. Freeman (economics, Bowdoin College) presents an overview of the literature, introducing the principal methods and techniques of resource valuation. Chapters cover the measurement of welfare changes, revealed and stated preference models, nonuse models, aggregation of values across time, environmental quality as factor input, longevity and health valuation, property value models, hedonic wage models, and recreational uses of natural resource systems. Annotation (c)2003 Book News, Inc., Portland, OR (booknews.com).

Food Sovereignty Eric Holt-Gimenez 2018-01-02 A fundamentally contested concept, food sovereignty (FS) has – as a political project and campaign, an alternative, a social movement and an analytical framework – barged into global discourses, both political and academic, over the past two decades. This collection identifies a number of key questions regarding FS. What does (re)localisation mean? How does the notion of FS connect with similar and/or overlapping ideas historically? How does it address questions of both market and non-market forces in a dominantly capitalist world? How does FS deal with such differentiating social contradictions? How does the movement deal with larger issues of nation-state, where a largely urbanised world of non-food producing consumers harbours interests distinct from those of farmers? How does FS address the current trends of crop booms, as well as other alternatives that do not sit comfortably within the basic tenets of FS, such as corporate-captured fair trade? How does FS grapple with the land question and move beyond the narrow 'rural/agricultural' framework? Such questions call for a new era of research into FS, a movement and theme that in recent years has inspired and mobilised tens of thousands of activists and academics around the world: young and old, men and women, rural and urban. This book was originally published as a special issue of Third World Quarterly.

A Christian's Guide to Planet Earth Betsy Painter 2022-04-05 From conservation to protecting endangered species to sustainable living, A Christian's Guide to Planet Earth offers a faith-based framework for viewing our responsibility to the natural world as well as practical, biblical ways we can care for the magnificent creation around us. Drawing on science and Scripture, this hope-filled and reader-friendly guide helps us navigate questions about caring for and respecting God's world. With a focus on real-life solutions, this book explores answers to questions such as: What does the Bible say about food shortages, forests, and pollution? How can we make ethical choices about what we eat and what we wear? Why is reducing our carbon footprint a way of loving others? What do animals tell us about God's design for the earth? What simple choices can we make to help recover God's beauty in creation? Four-color infographics throughout highlight the inherent grandeur of the natural world, stirring our hearts to care about the wild and wondrous things God has made. Each chapter concludes with practical tips on how to become better stewards of the Earth, including how to support efforts that make a positive difference in the world. A Christian's Guide to Planet Earth is ideal for: Anyone who wants to make a difference for the planet but doesn't know where to start Readers interested in how stewardship of the water, air, land, and gardens relates to serving God and our neighbor Bible studies and church small groups Homeschooling families and networks Anyone who loves God's beauty in nature Readers with questions about how changes to our earth affect the planet and our lives Equal parts philosophical and practical, this guide provides us a deeper understanding of God's love for His creation and the delightful, God-given privilege we have to enjoy it and care for it well.

Oxford Textbook of Geriatric Medicine Jean-Pierre Michel 2017-12-14 Over the past two decades there has been a marked change in global age demographics, with the number of over-60s increasing by 82% and the number of centenarians by 715%. This new-found longevity is testament to the success of recent advances in medicine, but poses significant challenges to multiple areas of health care concerning older patients. Building upon its predecessor's reputation as the definitive resource on the subject, this new edition of the Oxford Textbook of Geriatric Medicine offers a comprehensive and multinational examination of the field. Fully revised to reflect the current state of geriatric medicine, it examines the medical and scientific basis of clinical issues, as well as the ethical, legal, and socio-economic concerns for healthcare policy and systems. Over 170 chapters are broken up into 16 key sections, covering topics ranging from policy and key concepts through to infection, cancer, palliative medicine, and healthy ageing. New material includes focus on the evolving concepts of malnutrition, sarcopenia, frailty, and related geriatric syndromes and integration of geriatric principles from public health, primary and specialized care, and transitional stages from home to emergency, medicine and surgery, rehabilitation, and long term care. The Oxford Textbook of Geriatric Medicine brings together specialists from across the globe to provide every physician involved in the care of older patients with a comprehensive resource on all the clinical problems they are likely to encounter, as well as on related psychological, philosophical, and social issues.

The Locavore's Dilemma Pierre Desrochers 2012-06-05 A new generation of food activists has come to believe that "sustainable farming" and "eating local" are the way to solve a host of perceived problems with our modern food supply system. By combining healthy eating and a high standard of environmental stewardship, these locavores think, we can also deliver important economic benefits and increase food security within local economies. But after a thorough review of the evidence, economic geographer Pierre Desrochers and policy analyst Hiroko Shimizu have concluded these claims are mistaken. In *The Locavore's Dilemma*, they explain the history, science, and economics of food supply to reveal what locavores miss or misunderstand: the real environmental impacts of agricultural production; the drudgery of subsistence farming; and the essential role large-scale, industrial producers play in making food more available, varied, affordable, and nutritionally rich than ever before in history. At best, they show, locavorism is a well-meaning marketing fad among the world's most privileged consumers. At worst, it constitutes a dangerous distraction from solving serious global food issues. Deliberately provocative, but based on scrupulous research and incontrovertible scientific evidence, the *Locavore's Dilemma* proves that: • Our modern food-supply chain is a superior alternative that has evolved through constant competition and ever-more-rigorous efficiency. • A world food chain characterized by free trade and the absence of agricultural subsidies would deliver lower prices and more variety in a manner that is both economically and environmentally more sustainable. • There is no need to feel guilty for not joining the locavores on their crusade. Eating globally, not only locally, is the way to save the planet.

Renewable Energy and the Public Patrick Devine-Wright 2014-10-14 Throughout the world, the threat of climate change is pressing governments to accelerate the deployment of technologies to generate low carbon electricity or heat. But this is frequently leading to controversy, as energy and planning policies are revised to support new energy sources or technologies (e.g. offshore wind, tidal, bioenergy or hydrogen energy) and communities face the prospect of unfamiliar, often large-scale energy technologies being sited near to their homes. Policy makers in many countries face tensions between 'streamlining' planning procedures, engaging with diverse publics to address what is commonly conceived as "NIMBY" (not in my back yard) opposition, and the need to maintain democratic, participatory values in planning systems. This volume provides a timely, international review of research on public

engagement, in contexts of diverse, innovative energy technologies. Public engagement is conceived broadly - as the interaction between how developers and other key actors engage with publics about energy technologies (including assumptions held about the methods used, such as the provision of financial benefits or the holding of deliberative events), and how individuals and groups engage with energy policies and projects (including indirectly through the media and directly through emotional and behavioural responses). The book's contributors are leading experts in the UK, Europe, North and South America and Australia drawn from a variety of relevant social science disciplinary perspectives. The book makes a significant contribution to our existing knowledge, as well as providing interested professionals, policymakers and members of the public with a timely overview of the critical issues involved in public engagement with low carbon energy technologies.

The Handbook of Interior Architecture and Design Graeme Brooker 2013-10-24 The Handbook of Interior Architecture and Design offers a compelling collection of original essays that seek to examine the shifting role of interior architecture and interior design, and their importance and meaning within the contemporary world. Interior architecture and interior design are disciplines that span a complexity of ideas, ranging from human behaviour and anthropology to history and the technology of the future. Approaches to designing the interior are in a constant state of flux, reflecting and adapting to the changing systems of history, culture and politics. It is this process that allows interior design to be used as evidence for identifying patterns of consumption, gender, identity and social issues. The Handbook of Interior Architecture and Design provides a pioneering overview of the ideas and arrangements within the two disciplines that make them such important platforms from which to study the way humans interact with the space around them. Covering a wide range of thought and research, the book enables the reader to investigate fully the changing face of interior architecture and interior design, while offering questions about their future trajectory.

Climate Change 2014 - Impacts, Adaptation and Vulnerability: Regional Aspects Intergovernmental Panel on Climate Change 2014-12-29 This latest Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) will again form the standard reference for all those concerned with climate change and its consequences, including students, researchers and policy makers in environmental science, meteorology, climatology, biology, ecology, atmospheric chemistry and environmental policy.

The Mekong Ian Charles Campbell 2009-11-20 The Mekong is the most controversial river in Southeast Asia, and increasingly the focus of international attention. It flows through 6 counties, China, Myanmar, Laos, Thailand, Cambodia and Viet Nam. The 4 downstream countries have formed the Mekong River Commission to promote sustainable development of the river and many of their people depend on it for their subsistence ? it has possible the largest freshwater fishery in the world, and the Mekong waters support rice agriculture in the delta in Viet Nam (which produces about 40% of that country's food) as well as in Cambodia, Laos and Thailand. China is now building the first large mainstream dam on the river, and has proposals for several more. These dams are likely to affect the downstream countries. Several of the downstream countries also have plans for large scale hydropower and irrigation development which could also impact the river. This book will provide a solid overview of the biophysical environment of the Mekong together with a discussion of the possible impacts, biophysical, economic and social, of some possible development scenarios. It is intended to provide a technical basis which can inform the growing political and conservation debate about the future of the Mekong River, and those who depend on it. It is aimed at river ecologists, geographers, environmentalists and development specialists both in the basin and (especially) outside for whom access to this material is most difficult. This book will be the first comprehensive treatment of the Mekong system. The first comprehensive overview of all aspects of the Mekong River system Deals with a regionally critical ecosystem and one under threat The Mekong supports the world's largest freshwater fishery and provides water underpinning a major regional rice paddy system Presents the authoritative findings of the Mekong River Commission's research for a wider audience for the first time outside of limited distribution reports

One Billion Hungry Gordon Conway 2012-10-16 Hunger is a daily reality for a billion people. More than six decades after the technological discoveries that led to the Green Revolution aimed at ending world hunger, regular food shortages, malnutrition, and poverty still plague vast swaths of the world. And with increasing food prices, climate change, resource inequality, and an ever-increasing global population, the future holds further challenges. In *One Billion Hungry*, Sir Gordon Conway, one of the world's foremost experts on global food needs, explains the many interrelated issues critical to our global food supply from the science of agricultural advances to the politics of food security. He expands the discussion begun in his influential *The Doubly Green Revolution: Food for All in the Twenty-First Century*, emphasizing the essential combination of increased food production, environmental stability, and poverty reduction necessary to end endemic hunger on our planet. Beginning with a definition of hunger and how it is calculated, and moving through issues typically both detailed and comprehensive, each chapter focuses on specific challenges and solutions, ranging in scope from the farmer's daily life to the global movement of food, money, and ideas. Drawing on the latest scientific research and the results of projects around the world, Conway addresses the concepts and realities of our global food needs: the legacy of the Green Revolution; the impact of market forces on food availability; the promise and perils of genetically modified foods; agricultural innovation in regard to crops, livestock, pest control, soil, and water; and the need to both adapt to and slow the rate of climate change. *One Billion Hungry* will be welcomed by all readers seeking a multifaceted understanding of our global food supply, food security, international agricultural development, and sustainability.

Designing Learning Christopher Butcher 2019-10-08 Bridging the gap between theory and practice, this fully updated new edition of Designing Learning offers accessible guidance to help those new to teaching in higher education to design and develop a course. With new considerations to the higher education context, this book uses current educational research to support staff in their endeavour to design and develop modules and degree courses of the highest quality. Offering guidance on every stage, from planning to preparing materials and resources, with a focus on the promotion of learning, this book considers: Course design models and shapes and their impact on learning How the external influences of learning and teaching are translated by different institutions How to match the content of a course to its outcomes Frameworks to enable communication between staff and students about expectations and standards Taking into account the diverse student population when designing a course The place of VLE, communication tools and systems for monitoring students' engagement The importance of linking all aspects of the taught curriculum and wider co-/extra-curricular activities to support learning Ways to evaluate and enhance a course and to develop oneself as a teaching professional in HE. Providing advice, illustrative examples and case studies, *Designing Learning* is a comprehensive guide to designing a high quality course. This book is a must-read for any academic looking to create or update their course or module.

Analytical Methods for Energy Diversity and Security Morgan Bazilian 2009-03-02 Analytical Methods for Energy Diversity and Security is an ideal volume for professionals in academia, industry and government interested in the rapidly evolving area at the nexus between energy and climate change policy. The cutting-edge international contributions allow for a wide coverage of the topic. Analytical Methods for Energy Diversity and Security focuses on the consideration of financial risk in the energy sector. It describes how tools borrowed from financial economic theory, in particular mean-variance portfolio theory, can provide insights on the costs and benefits of diversity, and thus inform investment decision making in conditions of uncertainty. It gives the reader an in-depth understanding of how to manage risk at a time when the world's focus is on this area. The book provides insights from leading authorities in the area of energy security. It gives readers abundant, rigorous analysis and guidance at a critical time in facing the twin challenges of energy security and climate change. The book also highlights the role of clean energy technology in moving towards future diverse and intelligent electricity systems. It will be a trusted, first point of reference for decision-makers in the field of energy policy. The book includes a foreword by the 2007 Nobel Peace Prize winner. All royalties from sale of this book will be donated to charities working in the energy sector in the developing world. Theoretical underpinning and applied use of Portfolio theory in the energy sector In-depth consideration of risk Contributions from leading international energy economists Innovative methodologies for thinking about energy security and diversity

Public Health Reports 2008

Deep Geologic Repositories Norbert T. Rempe 2008-01-01 This volume contains 11 case studies of toxic waste repositories that use geologic isolation in order to accomplish the permanent and safe isolation of dangerous materials. It describes past and currently active facilities and also discusses generic considerations of the isolation capability of average crustal rock, apparently in an effort to convince audiences of the safety of these facilities.

Positive Development Janis Birkeland 2008 Janis Birkeland presents the innovative new paradigm of "Positive Development" in which the built environment provides greater life quality, health, amenity and safety for all without sacrificing resources or money. With a different form of design, development itself can become a 'sustainability solution'. A cornerstone of this new paradigm is the eco-retrofitting of the vast urban fabric we already inhabit. The author presents a revolutionary new tool called SmartMode to achieve this end. This book challenges everyone working in or studying the areas of sustainable development, planning, architecture or the built environment to rethink their current ideas and practices.

Global Environment Outlook - GEO-6: Healthy Planet, Healthy People UN Environment 2019-05-31 Published to coincide with the Fourth United Nations Environmental Assembly, UN Environment's sixth Global Environment Outlook calls on decision makers to take bold and urgent action to address pressing environmental issues in order to protect the planet and human health. By bringing together hundreds of scientists, peer reviewers and collaborating institutions and partners, the GEO reports build on sound scientific knowledge to provide governments, local authorities, businesses and individual citizens with the information needed to guide societies to a truly sustainable world by 2050. GEO-6 outlines the current state of the environment, illustrates possible future environmental trends and analyses the effectiveness of policies. This flagship report shows how governments can put us on the path to a truly sustainable future - emphasising that urgent and inclusive action is needed to achieve a healthy planet with healthy people. This title is also available as Open Access on Cambridge Core.

PCS Phosphate Mine Continuation 2008

Carbon Dioxide Capture and Storage Intergovernmental Panel on Climate Change. Working Group III. 2005-12-19 IPCC Report on sources, capture, transport, and storage of CO2, for researchers, policy-makers and engineers. **Water Quality Concepts, Sampling, and Analyses** Yuncong Li 2010-10-21 As water quality becomes a leading concern for people and ecosystems worldwide, it must be properly assessed in order to protect water resources for current and future generations. Water Quality Concepts, Sampling, and Analyses supplies practical information for planning, conducting, or evaluating water quality monitoring programs. It presents the **Climate Change 2007 - Impacts, Adaptation and Vulnerability** Martin L. Parry 2007 The Climate Change 2007 volumes of the Fourth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) provide the most comprehensive and balanced assessment of climate change available. This IPCC Working Group II volume provides a completely up-to-date scientific assessment of the impacts of climate change, the vulnerability of natural and human environments, and the potential for response through adaptation. Written by the world's leading experts, the IPCC volumes will again prove to be invaluable for researchers, students, and policymakers, and will form the standard reference works for policy decisions for government and industry worldwide.

Climate Change and Society Riley E. Dunlap 2015-08-24 Climate change is one of the most critical issues of the twenty-first century, presenting a major intellectual challenge to both the natural and social sciences. While there has been significant progress in natural science understanding of climate change, social science analyses have not been as fully developed. Climate Change and Society breaks new theoretical and empirical ground by presenting climate change as a thoroughly social phenomenon, embedded in behaviors, institutions, and cultural practices. This collection of essays summarizes existing approaches to understanding the social, economic, political, and cultural dimensions of climate change. From the factors that drive carbon emissions to those which influence societal responses to climate change, the volume provides a comprehensive overview of the social dimensions of climate change. An improved understanding of the complex relationship between climate change and society is essential for modifying ecologically harmful human behaviors and institutional practices, creating just and effective environmental policies, and developing a more sustainable future. Climate Change and Society provides a useful tool in efforts to integrate social science research, natural science research, and policymaking regarding climate change and sustainability. Produced by the American Sociological Association's Task Force on Sociology and Global Climate Change, this book presents a challenging shift from the standard climate change discourse, and offers a valuable resource for students, scholars, and professionals involved in climate change research and policy.

Mental Health and Disasters Yuval Neria 2009-07-20 Since the attacks of September 11, 2001, disaster preparedness and response has developed into a discrete subspecialty in medicine, and the paramount health care initiative of the US Government. The mental health component of disaster response is a serious subject of study, as trauma is associated with a substantial and long-lasting psychologic burden, both on an individual and community level.

The psychopathologies associated with disaster are also quite broad, varying from several different types of post-traumatic stress and anxiety disorders to acute variations of grief-associated depression. This book is the definitive reference on mental health and disasters, focused on the assessment and treatment of the full spectrum of psychopathologies associated with many different types of individual disasters. The logistics for utilizing pre-existing community-based mental health services, as well as the development of new programs, are covered in depth. Case studies and perspectives for improving care, incorporating lessons from Hurricane Katrina and 9/11, are included in detail.

Strengthening Forensic Science in the United States National Research Council 2009-07-29 Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Holt Environmental Science Karen Arms 2000

Sustainable Fisheries Management and International Law Abdullah-Al Arif 2022-01-31 This book presents a comprehensive analysis of the legal and policy frameworks for marine fisheries management and examines the efficiency of the institutions responsible for the formulation, implementation and enforcement of marine fisheries laws and policies in Bangladesh. Sustainable management of marine fisheries is a complex, multi-dimensional and multi-stakeholder process that entails sustainable use of marine living resources and conservation of marine biodiversity. Offering a critical analysis to these frameworks that play a crucial role in the conservation and management of fish stocks in areas within and beyond national jurisdiction, this book examines inadequacies and implementation gaps in the legislative, policy and institutional frameworks that contribute to the unsustainable exploitation of marine fish stocks in Bangladesh. It recommends law and policy reform for conservation and sustainable management of marine fisheries in Bangladesh and the Bay of Bengal. **The Edwards Aquifer** John M. Sharp Jr. 2019-11-04 "One of the world's great karstic aquifer systems, the Edwards aquifer system supplies water for more than 2 million people and for agricultural, municipal, industrial, and recreational uses. This volume reviews the current state of knowledge, current and emerging challenges to wise use of the aquifer system, and some technologies that must be adopted to address these challenges"--

