

Swimming Upstream Collaborative Approaches To Watershed Management American And Comparative Environmental Policy

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Adaptive and Integrated Water Management - Claudia Pahl-Wostl 2007-12-15

Sustainable water management is a key environmental challenge of the 21st century. This book presents the very latest studies, methods and innovations for managing our water resources from the first International Conference on Adaptive and Integrated Water Management, held in November 2007 in Basel, Switzerland. The book addresses a wide interdisciplinary audience of scientists and professionals from academia, industry, and those involved in policy making.

The Cooperation Challenge of Economics and the Protection of Water Supplies - Joan Hoffman 2010-04-05

How can we build the institutions that will promote the cooperation needed to meet our intertwined environmental and economic needs? Efforts to meet these twin goals in New York City's watershed collaborations offer some guidance. The experience provides lessons in addressing scattered sources of pollution, encouraging environmentally compatible economic development, and coping with conflicts that are part of the collaboration process. It also yields insights into what we need to work effectively towards sustainable economic development. This book identifies many barriers to achieving the cooperation necessary to solving our water problems and discusses how watershed collaborations are a means to overcoming those barriers. Historical experience and lessons from other watershed collaborations informed the design of New York City's complex watershed collaboration which is shown to contain the elements of a "green milieu" that can foster sustainable economic development. The particular challenges to the collaboration's environmental and economic goals created by the watershed's rural economy, farming and forestry are described. The unusual inclusion of the analysis of the economic aspects and effects of collaboration, of the relationship between collaboration and sustainable development, and of the processes of implementation and conflict make this book especially valuable to those interested in collaboration, regulation, environmental cooperation and conflict, watershed protection, economic development in general, and sustainable economic development in particular.

The Challenges of Collaboration in Environmental Governance - Richard D. Margerum 2016-09-28

Collaborative approaches to governance are being used to address some of the most difficult environmental issues across the world, but there is limited focus on the challenges of practice. Leading scholars from the United States, Europe and Australia explore the theory and practice in a range of contexts, highlighting the lessons from practice, the potential limitations of collaboration and the potential strategies for addressing these challenges.

Organizational Motivation for Collaboration - Luisa M. Diaz-Kope 2019-09-25

This book explores the motivational determinants that drive local cross-sector environmental watershed collaboration. Key findings identify variations in the level of prevalence in motivational determinants across sectors.

Federal Rivers - Dustin E Garrick 2014-01-31

This book provides a critical analysis of the impact of borders and divided governance on large rivers in federal political systems. The OECD has identified the global water crisis as one of governance and policy fragmentation. Population and economic

Responding to Climate Change - Paul Burton 2014-11-05

South East Queensland has been one of the fastest growing regions of Australia, both in terms of its rapidly growing population and an ever-

expanding built environment. It is also one of the most vulnerable regions likely to suffer from the adverse impacts of climate change, especially increased flooding, storms, coastal erosion and drought. Responding to Climate Change: Lessons from an Australian Hotspot brings together the results of cutting-edge research from members of the Griffith Climate Change Response Program, showing how best to respond to anticipated changes and how to overcome barriers to adaptation. The authors treat climate change adaptation as a cross-cutting, multi-level governance policy challenge extending across human settlements, infrastructure, ecosystems, water management, primary industries, emergency management and human health. The research focuses on, but is not limited to, the experience of climate change adaptation in the recognised climate hotspot of South East Queensland. The results of this research will be of interest to planners, policy makers and other practitioners engaged in urban and environmental planning, coastal management, public health, emergency management, and physical infrastructure at the local, regional and metropolitan government scales.

Wild Salmonids in the Urbanizing Pacific Northwest - J. Alan Yeakley 2013-11-20

Wild salmon, trout, char, grayling, and whitefish (collectively salmonids) have been a significant local food and cultural resource for Pacific Northwest peoples for millennia. The location, size, and distribution of urban areas along streams, rivers, estuaries, and coasts directly and indirectly alter and degrade wild salmonid populations and their habitats. Although urban and exurban areas typically cover a smaller fraction of the landscape than other land uses combined, they have profound consequences for local ecosystems, aquatic and terrestrial populations, and water quality and quantity.

Water Security - Bruce Lankford 2013-10-15

The purpose of this book is to present an overview of the latest research, policy, practitioner, academic and international thinking on water security—an issue that, like water governance a few years ago, has developed much policy awareness and momentum with a wide range of stakeholders. As a concept it is open to multiple interpretations, and the authors here set out the various approaches to the topic from different perspectives. Key themes addressed include: Water security as a foreign policy issue The interconnected variables of water, food, and human security Dimensions other than military and international relations concerns around water security Water security theory and methods, tools and audits. The book is loosely based on a masters level degree plus a short professional course on water security both given at the University of East Anglia, delivered by international authorities on their subjects. It should serve as an introductory textbook as well as be of value to professionals, NGOs, and policy-makers.

Swimming Upstream - Paul A. Sabatier 2005

A theoretical and empirical study of the "quiet revolution" in watershed management that marks a shift away from bureaucratic, top-down decision making.

Tropical Wetland Management - Antonio Augusto Rossotto Ioris 2016-02-17

Recent scientific development and politico-institutional experiences related to the conservation of the South-American Pantanal are explored in this book in relation to what is happening in other tropical wetland areas of international importance such as the Everglades in North America and the Okavango in Africa, as well as considering the European experience. An interdisciplinary group of authors examines the need to establish a constructive dialogue between scientists, policy-makers and

local stakeholders and outline a future research agenda, including consideration of the impacts of climate change and the pressures of regional development, for wetland management.

Handbook of U.S. Environmental Policy - David M. Konisky 2020-04-24

A comprehensive analysis of diverse areas of scholarly research on U.S. environmental policy and politics, this Handbook looks at the key ideas, theoretical frameworks, empirical findings and methodological approaches to the topic. Leading environmental policy scholars emphasize areas of emerging research and opportunities for future enquiry.

Interactive Approaches to Water Governance in Asia - Kenji Otsuka 2019-01-12

This book applies interactive perspectives, which have historically mainly been discussed in the context of Western European countries, to case studies on water governance in Asia. It examines how these perspectives can be used to reveal complex and dynamic interactions in water governance in Asia, and how interactions between policies and practices, as well as those between formal institutes and emerging informal institutes, come to pass. In two introductory chapters and seven case studies in Asia (two from China, and each one from Japan, Thailand, the Philippines, Indonesia, and India), the book reveals the interactive forms currently emerging in Asia under hierarchical but often fragmented administrative systems. In addition, it explores emerging hybrid forms of interactive governance, which bring together governmental and non-governmental actors, and discusses how the expected role of government and roles of non-governmental actors could be changed to solve problems in a more cooperative manner. In this context, researchers from outside the locality could play an important role, helping facilitate such forms of interactive governance. The book offers extensive information on the essential features of interactive forms, and on the role of such transdisciplinary approaches, making it a valuable resource not only for scholars and university students, but also for policymakers and grass-roots practitioners directly involved in the interactive process of water governance.

Pathways for Getting to Better Water Quality: The Citizen Effect - Lois Wright Morton 2010-11-25

This book is about accomplishing change in how land is managed in agricultural watersheds. Wide-ranging case studies repeatedly document that plans, policies, and regulations are not adequate substitutes for the empowerment of people. Ultimately change on the land is managed and accomplished by the people that live on land within each watershed.

The New Environmental Governance - Cameron Holley 2013-07-04

A bold and profoundly new way of governing environmental problems is palpable around the globe and aims to overcome the limitations of the interventionist state and its market alternative to offer more effective and legitimate solutions to today's most pressing environmental problems. The 'new environmental governance' (NEG) emphasises a host of novel characteristics including participation, collaboration, deliberation, learning and adaptation and 'new' forms of accountability. While these unique features have generated significant praise from legal and governance scholars, there have been very few systematic evaluations of NEG in practice, and it is still unclear whether NEG will in fact 'work', and if so, when and how. This book offers one of the most rigorous research investigations into cutting edge trends in environmental governance to date. Focusing its inquiry around some of the most central, controversial and/or under researched characteristics of NEG, the book offers fresh insights into the conditions under which we can best achieve successful collaboration, effective learning and adaptation, meaningful participatory and deliberative governance and effective forms of accountability. The book synthesizes its findings to identify seven key pillars of 'good' NEG that are central to its success and will provide useful guidance for policymakers and scholars seeking to apply new governance to a wide range of environmental and non-environmental policy contexts. The book also advances our understanding of State governance and will be a valuable reference for scholars, researchers and students working in law and regulation studies - especially in the field of environmental law.

Embracing Watershed Politics - Edella Schlager 2008-06-30

As Americans try to better manage and protect the natural resources of our watersheds, is politics getting in the way? Why does watershed management end up being so political? In *Embracing Watershed Politics*, political scientists Edella Schlager and William Blomquist provide timely illustrations and thought-provoking explanations of why political considerations are essential, unavoidable, and in some ways even desirable elements of decision making about water and watersheds. With

decades of combined study of water management in the United States, they focus on the many contending interests and communities found in America's watersheds, the fundamental dimensions of decision making, and the impacts of science, complexity, and uncertainty on watershed management. Enriched by case studies of the organizations and decision making processes in several major U.S. watersheds (the Delaware River Basin, San Gabriel River, Platte River, and the Columbia River Basin), *Embracing Watershed Politics* presents a reasoned explanation of why there are so few watershed-scale integrated management agencies and how the more diverse multi-organizational arrangements found in the vast majorities of watersheds work. Although the presence of multiple organizations representing a multitude of communities of interest complicates watershed management, these institutional arrangements can under certain conditions suit the complexity and uncertainty associated with watershed management in the twenty-first century.

Water Policy in Minnesota - K. William Easter 2014-04-23

Minnesota has a unique role in U.S. water policy. Hydrologically, it is a state with more than 12,000 lakes, an inland sea, and the headwaters of three major river systems: the St Lawrence, the Red River of the North, and the Mississippi. Institutionally, Minnesota is also unique. All U.S. states use Total Maximum Daily Load (TMDL) approaches to addressing impaired waters. Every TMDL requires a substantial investment of resources, including data collection, modeling, stakeholder input and analysis, a watershed management plan, as well as process and impact monitoring. Minnesota is the only state in the union that has passed legislation (the 2007 Clean Water Legacy Act) providing significant resources to support the TMDL process. The book will be an excellent guide for policymakers and decision makers who are interested in learning about alternative approaches to water management. Non-governmental organizations interested in stimulating effective water quality policy will also find this a helpful resource. Finally, there are similarities between the lessons learned in Minnesota and the goals of water policy in several other states and nations, where there are competing uses of water for households, agriculture, recreation, and navigation.

Coastal Governance - Richard Burroughs 2011-01-13

Coastal Governance provides a clear overview of how U.S. coasts are currently managed and explores new approaches that could make our shores healthier. Drawing on recent national assessments, Professor Richard Burroughs explains why traditional management techniques have ultimately proved inadequate, leading to polluted waters, declining fisheries, and damaged habitat. He then introduces students to governance frameworks that seek to address these shortcomings by considering natural and human systems holistically. The book considers the ability of sector-based management, spatial management, and ecosystem-based management to solve critical environmental problems. Evaluating governance successes and failures, Burroughs covers topics including sewage disposal, dredging, wetlands, watersheds, and fisheries. He shows that at times sector-based management, which focuses on separate, individual uses of the coasts, has been implemented effectively. But he also illustrates examples of conflict, such as the incompatibility of waste disposal and fishing in the same waters. Burroughs assesses spatial and ecosystem-based management's potential to address these conflicts. The book familiarizes students not only with current management techniques but with the policy process. By focusing on policy development, *Coastal Governance* prepares readers with the knowledge to participate effectively in a governance system that is constantly evolving. This understanding will be critical as students become managers, policymakers, and citizens who shape the future of the coasts.

Designing Water Disaster Management Policies - Chennat

Gopalakrishnan 2017-10-02

This book represents a landmark effort to probe and analyze the theory and empirics of designing water disaster management policies. It consists of seven chapters that examine, in-depth and comprehensively, issues that are central to crafting effective policies for water disaster management. The author uses historical surveys, institutional analysis, econometric investigations, empirical case studies, and conceptual-theoretical discussions to clarify and illuminate the complex policy process. The specific topics studied in this book include a review and analysis of key policy areas and research priority areas associated with water disaster management, community participation in disaster risk reduction, the economics and politics of 'Green' flood control, probabilistic flood forecasting for flood risk management, polycentric governance and flood risk management, drought management with the

aid of dynamic inter-generational preferences, and how social resilience can inform SA/SIA for adaptive planning for climate change in vulnerable areas. A unique feature of this book is its analysis of the causes and consequences of water disasters and efforts to address them successfully through policy-rich, cross-disciplinary and transnational papers. This book is designed to help enrich the sparse discourse on water disaster management policies and galvanize water professionals to craft creative solutions to tackle water disasters efficiently, equitably, and sustainably. This book should also be of considerable use to disaster management professionals, in general, and natural resource policy analysts. This book was published as a special issue of the Journal of Natural Resource Policy Research.

Adaptive Governance and Water Conflict - John T Scholz 2010-09-30

Water policy seems in perpetual crisis. Increasingly, conflicts extend beyond the statutory authority, competence, geographical jurisdictions, and political constituencies of highly specialized governing authorities. While other books address specific policy approaches or the application of adaptive management strategies to specific problems, this is the first book to focus more broadly on adaptive governance, or the evolution of new institutions that attempt to resolve conflicts among competing authorities. *Adaptive Governance and Water Conflict* investigates new types of water conflicts among users in the seemingly water-rich Eastern United States. Eight case studies of water quality, water quantity, and habitat preservation or restoration in Florida were chosen to span the range of conflicts crossing fragmented regulatory boundaries. Each begins with a history of the conflict and then focuses on the innovative institutional arrangements - some successful, some not - that evolved to grapple with the resulting challenges. In the chapters that follow, scholars and practitioners in urban planning, political science, engineering, law, policy, administration, and geology offer different theoretical and experience-based perspectives on the cases. Together, they discuss five challenges that new institutions must overcome to develop sustainable solutions for water users: Who is to be involved in the policy process? How are they to interact? How is science to be used? How are users and the public to be made aware? How can solutions be made efficient and equitable? In its diverse perspectives and unique combination of theory, application, and analysis, *Adaptive Governance and Water Conflict* will be a valuable book for water professionals, policy scientists, students, and scholars in natural resource planning and management.

How does collaborative governance scale? - Ansell, Chris 2018-01-11

Scale is an overlooked issue in the research on interactive governance. This book takes up the important task of investigating the scalar dimensions of collaborative governance in networks, partnerships, and other interactive arenas and explores the challenges of operating at a single scale, across or at multiple scales and of moving between scales. First published as a special issue of *Policy & Politics*, the volume explores the role of scale and scaling in a wide range of policy areas, including employment policy, water management, transportation planning, public health, university governance, artistic markets, child welfare and humanitarian relief. Cases are drawn from Asia, Australia, Europe, and North and South America and span all levels from local to global. Together, the theoretical framework and the empirical case studies sensitize us to the tensions that arise between scales of governance and to the challenges of shifting from one scale of governance to another.

Community-based Collaboration E. Franklin Dukes 2011

The debate over the value of community-based environmental collaboration is one that dominates current discussions of the management of public lands and other resources. In *Community-Based Collaboration: Bridging Socio-Ecological Research and Practice*, the volume's contributors offer an in-depth interdisciplinary exploration of what attracts people to this collaborative mode. The authors address the new institutional roles adopted by community-based collaborators and their interaction with existing governance institutions in order to achieve more holistic solutions to complex environmental challenges.

Contributors: Heidi L. Ballard, University of California, Davis * Juliana E. Birkhoff, RESOLVE * Charles Curtin, Antioch University * Cecilia Danks, University of Vermont * E. Franklin Dukes, University of Virginia and George Mason University * María Fernández-Giménez, Colorado State University * Karen E. Firehock, University of Virginia * Melanie Hughes McDermott, Rutgers University * William D. Leach, California State University, Sacramento * Margaret Ann Moote, private consultant * Susan L. Senecah, State University of New York College of Environmental Science and Forestry * Gregg B. Walker, Oregon State

University

Making Space for the River - Jeroen Frank Warner 2012-11-01

This book examines recent developments in river (flood) management from the viewpoint of *Making Space for the River* and the resulting challenges for water governance. Different examples from Europe and the United States of America are discussed that aim to 'green' rivers, including increasing river discharge for flood management, enhancing natural and landscape values, promoting local or regional economic development, and urban regeneration. *Making Space for the River* presents not only opportunities and synergies but also risks as it crosses established institutional boundaries and touches on multiple stakeholder interests, which can easily clash. *Making Space for the River* helps the reader to understand the policy and governance dynamics that lead to these tensions and pays attention to a variety of attempts to organize effective and legitimate governance approaches. The book helps to realize connections between policy domains, problem frames, and goals of different actors at different levels that contribute to decisive and legitimate action. *Making Space for the River* has an international comparative character that sheds light upon both the country-specific governance dilemmas which relate to specific state traditions and institutional characteristics of national water management, but also uncovers interesting similarities which provide us with building blocks to formulate more generic lessons about the governance of *Making Space for the River* in different institutional and social contexts. The authors of this book come from a variety of disciplines including public administration, town and country planning, geography and anthropology, and these different disciplines bring multiple ways of knowing and understanding of *Making Space for the River* programs. The book combines interdisciplinary scientific analyses of *Space for the River* projects and programs with practical knowing and lessons-drawing.

Making Space for the River is written for both practitioners and scholars and students of environmental policy, spatial planning, land use and water management. Editors: Jeroen Warner, Assistant Professor of Disaster Studies, Wageningen University, The Netherlands. Arwin van Buuren, Associate Professor of Public Administration, Erasmus University Rotterdam, The Netherlands. Jurian Edelenbos, Professor of Public Administration, Erasmus University Rotterdam, The Netherlands.

Ecological Forest Management Jerry F. Franklin 2018-03-19

Fundamental changes have occurred in all aspects of forestry over the last 50 years, including the underlying science, societal expectations of forests and their management, and the evolution of a globalized economy. This textbook is an effort to comprehensively integrate this new knowledge of forest ecosystems and human concerns and needs into a management philosophy that is applicable to the vast majority of global forest lands. Ecological forest management (EFM) is focused on policies and practices that maintain the integrity of forest ecosystems while achieving environmental, economic, and cultural goals of human societies. EFM uses natural ecological models as its basis contrasting it with modern production forestry, which is based on agronomic models and constrained by required return-on-investment. Sections of the book consider: 1) Basic concepts related to forest ecosystems and silviculture based on natural models; 2) Social and political foundations of forestry, including law, economics, and social acceptability; 3) Important current topics including wildfire, biological diversity, and climate change; and 4) Forest planning in an uncertain world from small privately-owned lands to large public ownerships. The book concludes with an overview of how EFM can contribute to resolving major 21st century issues in forestry, including sustaining forest dependent societies.

The Oxford Handbook of Water Politics and Policy - Ken Conca 2018

This handbook is currently in development, with individual articles publishing online in advance of print publication. At this time, we cannot add information about unpublished articles in this handbook, however the table of contents will continue to grow as additional articles pass through the review process and are added to the site. Please note that the online publication date for this handbook is the date that the first article in the title was published online. For more information, please read the site FAQs.

Advancing Collaboration Theory - John C. Morris 2015-09-07

The term collaboration is widely used but not clearly understood or operationalized. However, collaboration is playing an increasingly important role between and across public, nonprofit, and for-profit sectors. Collaboration has become a hallmark in both intragovernmental and intergovernmental relationships. As collaboration scholarship rapidly emerges, it diverges into several directions, resulting in confusion about what collaboration is and what it can be used to accomplish. This book

provides much needed insight into existing ideas and theories of collaboration, advancing a revised theoretical model and accompanying typologies that further our understanding of collaborative processes within the public sector. Organized into three parts, each chapter presents a different theoretical approach to public problems, valuing the collective insights that result from honoring many individual perspectives. Case studies in collaboration, split across three levels of government, offer additional perspectives on unanswered questions in the literature. Contributions are made by authors from a variety of backgrounds, including an attorney, a career educator, a federal executive, a human resource administrator, a police officer, a self-employed entrepreneur, as well as scholars of public administration and public policy. Drawing upon the individual experiences offered by these perspectives, the book emphasizes the commonalities of collaboration. It is from this common ground, the shared experiences forged among seemingly disparate interactions that advances in collaboration theory arise. *Advancing Collaboration Theory* offers a unique compilation of collaborative models and typologies that enhance the existing understanding of public sector collaboration.

The Oxford Handbook of Environmental and Conservation Psychology - Susan D. Clayton 2012-10-18

First handbook to integrate environmental psychology and conservation psychology.

Beyond Consensus - Richard D. Margerum 2011-08-19

An examination of how to move from consensus to implementation using collaborative approaches to natural resource management, urban planning, and environmental policy. Collaborative approaches are increasingly common across a range of governance and policy areas. Single-issue, single-organization solutions often prove ineffective for complex, contentious, and diffuse problems. Collaborative efforts allow cross-jurisdictional governance and policy, involving groups that may operate on different decision-making levels. In *Beyond Consensus*, Richard Margerum examines the full range of collaborative enterprises in natural resource management, urban planning, and environmental policy. He explains the pros and cons of collaborative approaches, develops methods to test their effectiveness, and identifies ways to improve their implementation and results. Drawing on extensive case studies of collaborations in the United States and Australia, Margerum shows that collaboration is not just about developing a strategy but also about creating and sustaining arrangements that can support collaborative implementation. Margerum outlines a typology of collaborative efforts and a typology of networks to support implementation. He uses these typologies to explain the factors that are likely to make collaborations successful and examines the implications for participants. The rich case studies in *Beyond Consensus*—which range from watershed management to transportation planning, and include both successes and failures—offer lessons in collaboration that make the book ideal for classroom use. It is also designed to help practitioners evaluate and improve collaborative efforts at any phase. The book's theoretical framework provides scholars with a means to assess the effectiveness of collaborations and explain their ability to achieve results.

River Basin Organizations in Water Diplomacy - Anupulak Kittikhoun 2020-11-20

Will tensions and disputes among states sharing international water courses and lakes turn into active conflicts? Addressing this question, the book shows that these concerns are more prominent due to the locations and underlying political dynamics of some of these large rivers and the strategic interests of major powers. Written by a combination of leading practitioners and academics, this book shows that states are more prone to cooperate and manage their transboundary issues over the use of their common water resources through peaceful means, and the key institutions they employ are international river basin organizations (RBOs). Far from being mere technical institutions, RBOs are key mechanisms of water diplomacy with capacity and effectiveness varying on four key interrelated factors: their legal and institutional development, and the influence of their technical and strategic resources. The basins analyzed span all continents, from both developed and developing basins, including the Columbia, Great Lakes, Colorado, Senegal, Niger, Nile, Congo, Jordan, Helmand, Aral Sea, Mekong, Danube and Rhine. Contributing to the academic discourse on transboundary water management and water conflict and cooperation, the book provides insights to policy-makers on which water diplomacy engagements can be successful, the strengths to build on and the pitfalls to avoid so that shared water resources are managed in a cooperative,

sustainable and stable way.

The Oxford Handbook of U.S. Environmental Policy - Sheldon Kamieniecki 2013

Prior to the Nixon administration, environmental policy in the United States was rudimentary at best. Since then, it has evolved into one of the primary concerns of governmental policy from the federal to the local level. As scientific expertise on the environment rapidly developed, Americans became more aware of the growing environmental crisis that surrounded them. Practical solutions for mitigating various aspects of the crisis - air pollution, water pollution, chemical waste dumping, strip mining, and later global warming - became politically popular, and the government responded by gradually erecting a vast regulatory apparatus to address the issue. Today, politicians regard environmental policy as one of the most pressing issues they face. The Obama administration has identified the renewable energy sector as a key driver of economic growth, and Congress is in the process of passing a bill to reduce global warming that will be one of the most important environmental policy acts in decades. *The Oxford Handbook of U.S. Environmental Policy* will be a state-of-the-art work on all aspects of environmental policy in America. Over the past half century, America has been the world's leading emitter of global warming gases. However, environmental policy is not simply a national issue. It is a global issue, and the explosive growth of Asian countries like China and India mean that policy will have to be coordinated at the international level. The book will therefore focus not only on the U.S., but on the increasing importance of global policies and issues on American regulatory efforts. This is a topic that will only grow in importance in the coming years, and this will serve as an authoritative guide to any scholar interested in the issue.

Handbook on the Governance of Sustainable Development - Russel, Duncan 2022-07-15

This Handbook brings together state-of-the-art contributions and international insights outlining the key theoretical developments and empirical findings related to sustainable development and governance. Providing both an overview and deep dive into the topic, it demonstrates how the concept of sustainable development and governance has led to multiple responses in both the academic and policy world from a theoretical, conceptual and operational viewpoint.

The Case for Grassroots Collaboration - John C. Morris 2013-09-26

This book addresses the activities of three grassroots environmental collaborations in the Chesapeake Bay region. Citizen-based collaboration can be effective in ecosystem restoration when applied at the proper scale with appropriate levels of social capital and skilled conveners with well-defined goals.

Toward Sustainable Communities - Daniel A. Mazmanian 2009

A new edition with new and updated case studies and analysis that demonstrate the trend in U.S. environmental policy toward sustainability at local and regional levels.

Handbook of Cumulative Impact Assessment - Jill A.E. Blakley 2021-05-28

This important Handbook is an essential guide to the state-of-the-art concepts, debates and innovative practices in the field of cumulative impact assessment. It helps to strengthen the foundations of this challenging field, identify key issues demanding solutions and summarize recent trends in forward progress, particularly through the use of illustrative case examples.

Encyclopedia of Geography - Barney Warf 2010-09-21

Simply stated, geography studies the locations of things and the explanations that underlie spatial distributions. Profound forces at work throughout the world have made geographical knowledge increasingly important for understanding numerous human dilemmas and our capacities to address them. With more than 1,200 entries, the *Encyclopedia of Geography* reflects how the growth of geography has propelled a demand for intermediaries between the abstract language of academia and the ordinary language of everyday life. The six volumes of this encyclopedia encapsulate a diverse array of topics to offer a comprehensive and useful summary of the state of the discipline in the early 21st century. Key Features Gives a concise historical sketch of geography's long, rich, and fascinating history, including human geography, physical geography, and GIS Provides succinct summaries of trends such as globalization, environmental destruction, new geospatial technologies, and cyberspace Decomposes geography into the six broad subject areas: physical geography; human geography; nature and society; methods, models, and GIS; history of geography; and geographer biographies, geographic organizations, and important social movements Provides hundreds of color illustrations and images that lend depth and

realism to the text Includes a special map section Key Themes Physical Geography Human Geography Nature and Society Methods, Models, and GIS People, Organizations, and Movements History of Geography This encyclopedia strategically reflects the enormous diversity of the discipline, the multiple meanings of space itself, and the diverse views of geographers. It brings together the diversity of geographical knowledge, making it an invaluable resource for any academic library.

[Environmental Problem-Solving A Video-Enhanced Self-Instructional e-Book from MIT](#) - Lawrence Susskind 2017-12-04

The 'Environmental Problem-Solving - A Video-Enhanced Self-Instructional e-Book from MIT' e-book presents short-excerpts from carefully selected readings, expert commentaries on those readings, interactive assignments, short videos of the best MIT student responses to the assignments, exam questions with excellent student responses and additional video excerpts of MIT faculty discussing the four main elements of the curriculum: models of environmental policy-making; competing theories of environmental ethics; tools for environmental assessment and environmental decision-making; and techniques for public engagement and group decision-making. The e-book covers the material presented in the semester-long course required of all students enrolled in MIT's Environmental Policy and Planning Specialization. It includes the actual assignments the MIT students are expected to complete each week as well as videos of the real-time oral presentations they are required to make to visiting practitioners. The final exam is accompanied by the best student answers.

Stream and Watershed Restoration - Philip Roni 2012-09-18

With \$2 billion spent annually on stream restoration worldwide, there is a pressing need for guidance in this area, but until now, there was no comprehensive text on the subject. Filling that void, this unique text covers both new and existing information following a stepwise approach on theory, planning, implementation, and evaluation methods for the restoration of stream habitats. Comprehensively illustrated with case studies from around the world, Stream and Watershed Restoration provides a systematic approach to restoration programs suitable for graduate and upper-level undergraduate courses on stream or watershed restoration or as a reference for restoration practitioners and fisheries scientists. Part of the Advancing River Restoration and Management Series. Additional resources for this book can be found at: www.wiley.com/go/roni/streamrestoration.

The Water-Food-Energy Nexus - Jeremy Allouche 2019-04-09

The world of development thinkers and practitioners is abuzz with a new lexicon: the idea of "the nexus" between water, food, and energy which is intuitively compelling. It promises better integration of multiple sectoral elements, a better transition to greener economies, and sustainable development. However, there appears to be little agreement on its precise meaning, whether it only complements existing environmental governance approaches or how it can be enhanced in national contexts. One current approach to the nexus treats it as a risk and security matter while another treats it within economic rationality addressing externalities across sector. A third perspective acknowledges it as a fundamentally political process requiring negotiation amongst different actors with distinct perceptions, interests, and practices. This perspective highlights the fact that technical solutions for improving coherence within the nexus may have unintended and negative impacts in other policy areas, such as poverty alleviation and education. The Water-Food-Energy Nexus: Power, Politics and Justice lays out the managerial-technical definitions of the nexus and challenges these

conceptions by bringing to the forefront the politics of the nexus, around two key dimensions - a dynamic understanding of water-food-energy systems, and a normative positioning around nexus debates, in particular around social justice. The authors argue that a shift in nexus governance is required towards approaches where limits to control are acknowledged, and more reflexive/plural strategies adopted. This book will be of interest to academic researchers, policy makers, and practitioners in the fields of international development studies, environmental politics, and science and technology studies, as well as international relations.

Environmental Policymaking and Stakeholder Collaboration Shannon K. Orr 2013-12-09

A critical appraisal of why environmental policies fail and succeed, Environmental Policymaking and Stakeholder Collaboration provides policy makers with the keys to navigating complicated environmental issues and stakeholder negotiations. It covers theories in environmental policy making and stakeholder management, compares and contrasts failed an

Swimming Upstream - Paul A. Sabatier 2005-04-29

In recent years, water resource management in the United States has begun a shift away from top-down, government agency-directed decision processes toward a collaborative approach of negotiation and problem solving. Rather than focusing on specific pollution sources or specific areas within a watershed, this new process considers the watershed as a whole, seeking solutions to an interrelated set of social, economic, and environmental problems. Decision making involves face-to-face negotiations among a variety of stakeholders, including federal, state, and local agencies, landowners, environmentalists, industries, and researchers. Swimming Upstream analyzes the collaborative approach by providing a historical overview of watershed management in the United States and a normative and empirical conceptual framework for understanding and evaluating the process. The bulk of the book looks at a variety of collaborative watershed planning projects across the country. It first examines the applications of relatively short-term collaborative strategies in Oklahoma and Texas, exploring issues of trust and legitimacy. It then analyzes factors affecting the success of relatively long-term collaborative partnerships in the National Estuary Program and in 76 watersheds in Washington and California. Bringing analytical rigor to a field that has been dominated by practitioners' descriptive accounts, Swimming Upstream makes a vital contribution to public policy, public administration, and environmental management.

Handbook on Water Security - Claudia Pahl-Wostl 2016-01-29

Water security has received increasing attention in the scientific and public policy communities in recent years. The Handbook on Water Security is a much-needed resource that helps the reader navigate between the differing interpretations of water security. It explains the various dimensions of the topic by approaching it both conceptually and thematically, as well as in relation to experiences in different regions of the world. The international contributors explore the various perspectives on water security to show that it has multiple meanings that cannot easily be reconciled. Topics discussed include: challenges from human security to consumerism, how trade policies can help to achieve water security in a transboundary setting, the potential of risk-based governance arrangements and the ecology of water security. Scholars and postgraduate students in the social sciences working on water-related issues will find this book to be of substantial interest. It will strongly appeal to policymakers and practitioners looking at the strengths and limitations of water security.