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Adaptive Governance: Integrating Science, Policy, and Decision- Making

Ronald D. BrunneR [et al.]
New York, NY : Columbia
University Press, 2005.

333.709 ADA

Drawing on five detailed case studies from the American West, the authors explore and clarify how to expedite a transition toward adaptive governance and break the gridlock in natural resource policy making. Case studies discussed include a program to protect endangered fish in the Colorado River with the active participation of water developers and environmentalists.

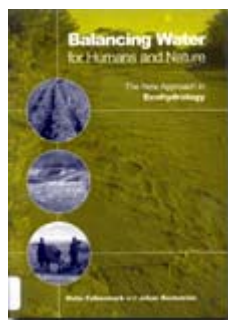


The atlas of climate change : mapping the world's greatest challenge

*Kirstin Dow and Thomas E.
Downing*
Berkeley, CA : University of
California Press, 2006.

REF 551.6 DOW

Examines the drivers of climate change and its possible impacts on vulnerable livelihoods, water resources, ecosystems and biodiversity, health, coastal mega-cities, and cultural treasures. It reviews historical contributions to greenhouse gas levels, progress in meeting international commitments, and local efforts to meet the challenge of climate change.

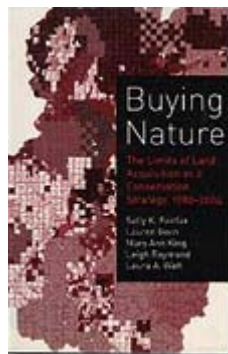


Balancing water for humans and nature: the new approach in ecohydrology

Malin Falkenmark and Johan Rockstrom
London ; Sterling, VA : Earthscan, 2004.

333.91 FAL

This book examines water flows-the 'blood stream' of both nature and society-in terms of the crucial links, balances, conflicts and trade-offs between human and environmental needs. The authors argue that a sustainable future depends fundamentally on our ability to manage these trade-offs and encourage long-term resilience. They advocate an eco-hydrological approach to land/water/environment problems and advance a strong, reasoned argument for viewing precipitation as the gross fresh resource, ultimately involved in sustaining all terrestrial and aquatic ecosystem services.

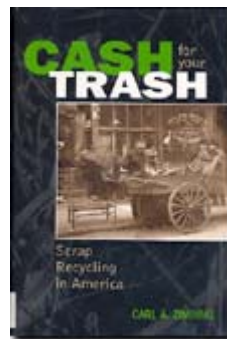


Buying Nature : the Limits of Land Acquisition as a Conservation Strategy, 1780-2004

Sally K. Fairfax. [et al.]
Cambridge, MA : MIT, 2005.

333.73 BUY

Chronicles the evolution of land acquisition as a conservation strategy in the United States since the late 1700s and provides a critical assessment of both public and private land acquisition efforts. This book combines political, legal and constitutional, and economic history with rich case studies of land conservation and quantitative analyses of acquisitions over time to provide a new and distinctive perspective.



Cash for Your Trash : Scrap Recycling in America

Carl A. Zimring
New Brunswick, NJ : Rutgers University Press, 2005.

363.72 ZIM

Provides a fascinating history of scrap re-cycling, from colonial times to the present, and offers a cultural and economic portrait of the private business that made large-scale recycling possible. Readers are introduced to the scrap workers, brokers, and entrepreneurs who, like the materials they handled, were often marginalized.

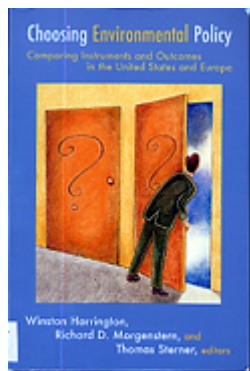


Changing the face of the waters : the promise and challenge of sustainable aquaculture

Washington, DC : World Bank, 2007.

338.3718 CHA

Offers a cutting-edge analysis of the critical challenges facing aquaculture, balancing aquaculture's role in economic growth with the need for sound management of natural resources. The book also provides guidance on sustainable aquaculture by evaluating alternative development pathways, placing particular emphasis on the application of lessons from Asia to Sub-Saharan Africa and Latin America.



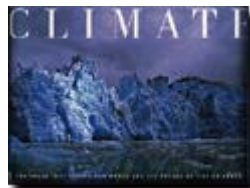
Choosing environmental policy: comparing instruments and outcomes in the United States and Europe

Edited by Winston Harrington [et al]
Washington, DC :

Resources for the Future, 2004.

363.705 CHO

The chapters in this volume focus on the means of national-level pollution abatement policy, the actual performance of environmental regulations, and the issue of "instrument choice," that is, the mechanism used to achieve the environmental objective.

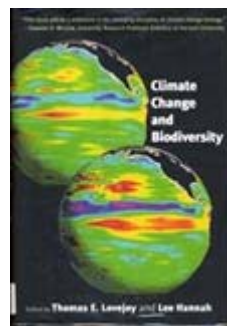


Climate : the Force That Shapes Our World and the Future of Life on Earth

George Ochoa [et al]
London : Rodale, 2005.

REF 551.6 OCH

Describes the marvelous and complex workings of earth's climate systems, from its primordial atmosphere to today's extreme changes in weather, ecology, and environment. Addresses the most pressing questions such as how much carbon dioxide can the atmosphere safely hold? How high will sea level rise? How will civilization cope with increasingly dangerous weather incidents? This book will help us understand what must be done today for the sake of our planet tomorrow.



Climate change and biodiversity

Edited by Thomas E. Lovejoy & Lee Hannah
New Haven, CT : Yale University Press, 2005.

577.22 CLI

This book presents a comprehensive view of the newest research and thinking of climate change and biological diversity. Contributors discuss along other issues: what is now known about past climate changes in different areas of the world and recent trends in climate change and projections for the future.

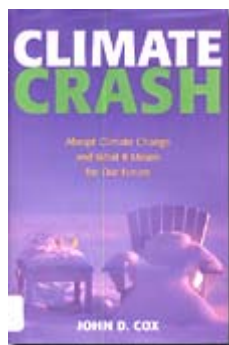


Climate change policy

Edited by Dieter Helm
Oxford, UK : Oxford University Press, 2005.

363.738 CLI

This volume provides and accessible overview of the economics of climate change, the policy options, and the scope for making significant carbon reductions, in a search for a post-Kyoto framework, new institutions, and new economic policies to spread the costs and meet them in an economically efficient way.

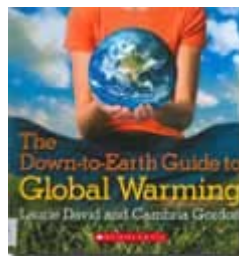


**Climate Crash :
Abrupt Climate
Change and What it
Means for Our Future**

John D. Cox
Washington, DC : Joseph
Henry Press, 2005.

577.22 COX

What are the mechanisms for triggering a significant climate change? In what ways should we expect this change to manifest itself? When will it likely happen? This book seeks to answer these questions, breaking the story of rapid climate change to a public already intensely curious about the underlying science.

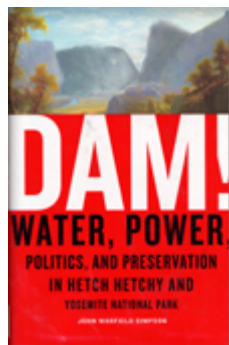


**The down-to-earth
guide to global
warming**

*Laurie David and Cambria
Gordon*
New York, NY : Orchard
Book, 2007.

363.738 DAV

Discusses why global warming happens, the ways in which it impacts our planet, and how we can work together to stop it. This book offers a message of hope, and kids and adults alike can help prevent the full consequences of global warming.

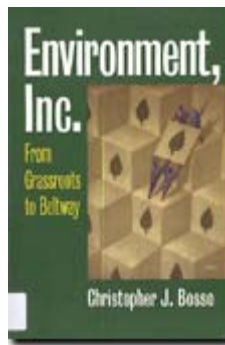


**Dam! : water, power,
politics, and
preservation in Hetch
Hetchy and Yosemite
National Park**

John Warfield Simpson
New York : Pantheon
Books, 2005.

363.6 SIM

This is a vivid account of America's first environmental cause celebration, which illuminates our attitudes toward fundamental questions of growth, development, and our place in nature.



**Environment, Inc :
From Grassroots to
Beltway**

Christopher J. Bosso
Lawrence, KS : University
Press of Kansas, 2005.

333.72 BOS

This book looks at the evolution of organized environmental advocacy in the United States, with particular focus on the period from the early 1970s to the present, as a vehicle for understanding organized advocacy more generally.



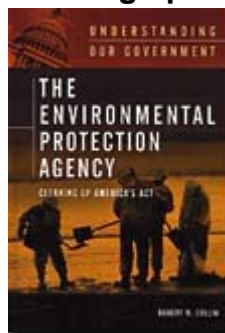
**Degrees that matter :
climate change and
the university**

*Ann Rappaport and Sarah
Hammond Creighton*
Cambridge, MA : MIT
Press, 2007.

363.738 RAP

Offers practical guidance for those who want to harness the power of universities and other institutions, and provides perspectives on how to motivate change and inspire action within complex organizations.

**The Environmental Protection Agency:
cleaning up America's act**



Robert W. Collin
Westport, CT : Greenwood
Press, 2006.

363.7 COL

After a brief history of the agency, chapters describe its organization, programs, controversies, key events, notable people, and impact on society. Topics covered include the Exxon Valdez oil spill, Three Mile Island, and The Clear Air Act, as well as biographies on administrators

Carol Browner, William Ruckelhaus, and Anne M. Gorsuch.



Exporting environmentalism: U.S. multinational chemical corporations in Brazil and Mexico

Ronie Garcia-Johnson
Cambridge, MA : MIT Press, 2000.

363.7 GAR

A great deal of research has focused on the role of governments, nongovernmental organizations, and advocacy groups in promoting environmental ideologies. Researchers and activists have generally assumed anti-environmental and anti-regulatory stances on the part of corporations. This book examines industry's transnational promotion of environmental ideas and practices. Rather than positing change in national and international environmental policy as the only valuable outcome, it looks at the benefits of changes in perspectives, policies, and practices within the firms themselves.



Forcing the spring: the transformation of the American environmental movement

Robert Gottlieb
Washington, DC : Island Press, 2005.

362.7 GOT

Recognized as a seminal work in the field of environmental history. Linking the environmental movement that emerged in the 1960s to earlier progressive movements that had not previously been defined as environmental, the book was the first to consider the importance of race, ethnicity, class, and gender issues in the history and evolution of environmentalism.

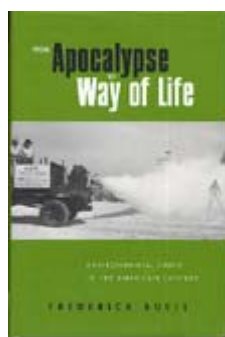


Free trade and the environment : Mexico, NAFTA, and beyond

Kevin P. Gallagher
Stanford, CA : Stanford Law and Politics, 2004.

363.73 GAL

This book examines the impact economic integration has on the environment, using Mexico, which transformed itself from one of the most closed economies to one of the world's most open, as a case study. Kevin Gallagher investigates two commonly held and opposing beliefs in the policy community about the impact of free trade on the environment.

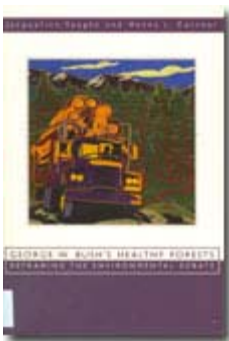


From apocalypse to way of life : environmental crisis in the American century

Frederick Buell
New York, NY : Routledge, 2003.

363.7 BUE

Offers a stirring, comprehensive account of the ongoing ecological catastrophe and our changing response to it. Shows us the crisis that is staring us in the face and explains why we can no longer see it.



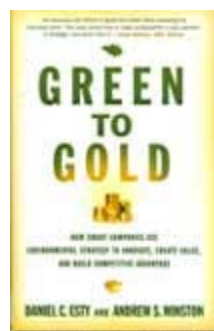
George W. Bush's healthy forests: reframing the environmental debate

Jacqueline Vaughn and Hanna J. Cortner
Boulder, CO : University Press of Colorado, 2005.

333.75 SWI

The authors show how the administration used news events such as wildfires to propel legislation through Congress and identifies the players, events, and strategies that expedited the policy shift and contextualizes it in the president's career and in legislative and administrative history.

and scientists inventing new approaches to safeguard our children's future. Filmed across the U.S., Asia and South America, this program brings the reality of climate change to life and offers viewers a variety of ways to make a difference in their own communities.

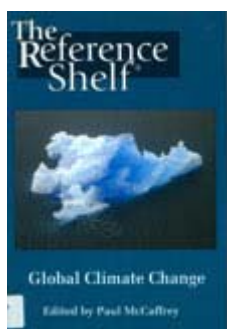


Green to gold: how smart companies use environmental strategy to innovate, create value, and build competitive advantage

Daniel C. Esty and Andrew S. Winston
New Haven, CT : Yale University Press, 2006.

658.4083 EST

Explores what every executive must know to manage the environmental challenges facing society and business, and shows how companies generate lasting value -cutting costs, reducing risk, increasing revenues, and creating strong bands- by building environmental thinking into their business strategies.

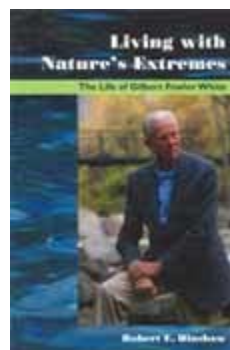


Global Climate Change

Edited by Paul McCaffrey
New York, NY : H.W. Wilson, 2006.

363.738 GLO

This book explores the science under-girding global warming, as well as the arguments of climate change skeptics, and charts how the phenomenon has already affected the planet and how it is likely to do so in the future. In addition, the question of what, if anything, man can do to offset or neutralize global warming is examined.

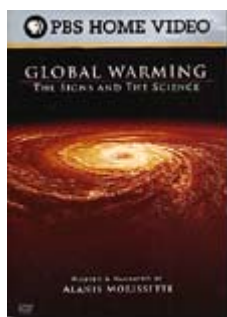


Living with nature's extremes : the life of Gilbert Fowler White

Robert E. Hinshaw
Boulder, CO : Johnson Books, 2006.

910.92 HIN

This biography tracks White's fascinating life and his legacy to science and humanity. His compassion, intelligence, and integrity not only impacted the scientific community, he changed the world. Gilbert White made major contributions to the study of water systems in developing countries, the management and preservation of arid lands, environmental change, and much more.

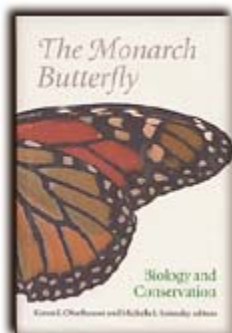


Global warming [videorecording] : the signs and the science

Michael Taylor and David Kennard
Alexandria, VA : Distributed by PBS Home Video, 2005.

DVD 363.738 GLO

This documentary profiles people who are living with the grave consequences of a changing climate, as well as the individuals, communities



Monarch butterfly biology & conservation

Karen S. Oberhauser and Michelle J. Solensky
Ithaca, NY: Cornell University Press, 2004.

595.78 MON

In addition to presenting the most recent basic research on this species, this book contains the first publication of data gathered and compiled by two established citizen science projects, Journey North and the Monarch Larva monitoring project. It also reports for the first time on two major events of long-term importance to monarch conservation and biology: the creation of a larger protected area in the Mexican over-wintering sites and a weather-related mortality event during the winter of 2002.



Natural resources and economic development

Edward B. Barbier
New York, NY : Cambridge University Press, 2005.

333.7 BAR

Explores a key paradox: why is natural resource exploitation not yielding greater benefits to the poor economies of Africa, Asia, and Latin America? Part One examines this paradox both through a historical review of resource use and development and through examining current theories. Part Two develops models to analyze the key economic factors underlying land expansion and water use. Part Three explores further the "dualism with dualism" structure of resource dependency, rural poverty, and resource degradation.

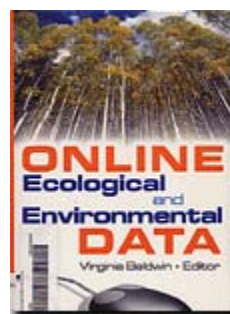


The new environmental regulation

Daniel J. Fiorino
Cambridge, MA : MIT Press, 2006.

344.73 FIO

Author argues that it is time for a new more effective model of environmental problem solving, and provides a comprehensive but concise overview of U.S. environmental regulation: its history, rationales, and application, and offers recommendations for a more collaborative, flexible, and performance-based alternative.

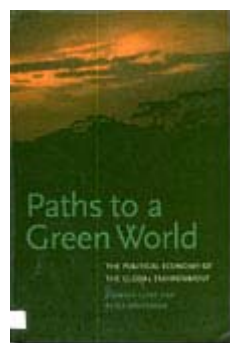


Online ecological and environmental data

Virginia Baldwin
Binghamton, NY : Haworth Information Press, 2003.

025.06 ONL

This book explores innovative projects from a diverse array of institutions that have made environmental and ecological research information freely available online. It explores the concept and practicality of distributing actual research data on the Web and will enable science and technology librarians to effectively provide access to their library patrons



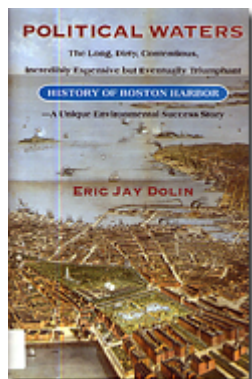
Paths to a green world: the political economy of the global environment

Jennifer Clapp and Peter Dauvergne
Cambridge, MA : MIT Press, 2005.

333.7 CLA

This book examines the main actors and forces shaping global environmental management, particularly in the developing world. Covers globalization and its consequences for the environment, transnational corporations and

differential environmental standards, and case studies appear throughout the book.

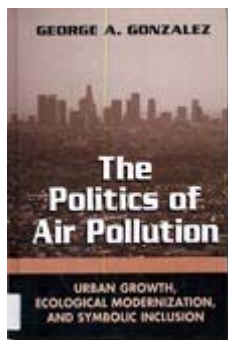


Political waters: the long, dirty, contentious, incredibly expensive but eventually triumphant history of Boston Harbor

Eric Jay Dolin
Amherst, MA : University of Massachusetts Press, 2004.

363.739 DOL

This is the story of Boston's struggle to deal with its sewage in an epic narration of failure and success replete with colorful characters, political, bureaucratic, and legal twists and turns, and engineering feats, as well as the involvement of massive amounts of money, to lead finally to the important act of getting rid responsibly of the waste people produce every day.

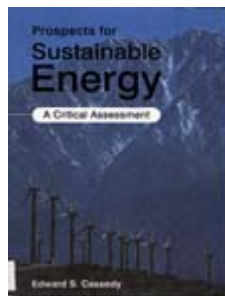


The politics of air pollution: urban growth, ecological modernization, and symbolic inclusion

George A. Gonzalez
Albany, NY : State University of New York Press, 2005.

363.739 GON

The author states that locally oriented economic elites in conjunction with state and local governments have been at the political forefront of clean air policy development; they support clean air policies insofar as they contribute to the creation of a positive investment climate.

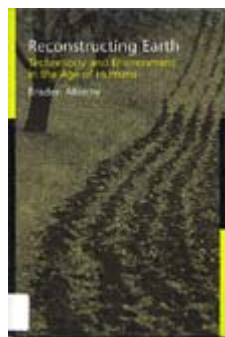


Prospects for Sustainable Energy: a Critical Assessment

Edward S. Cassedy
Cambridge, MA : Cambridge University Press, 2000

333.794 CAS

This book explores the historical origins, technical features, marketability, and environmental impacts of the complete range of alternative energy technologies: solar, biomass, wind, hydropower, geothermal power, ocean energy resources, solar-derived hydrogen fuel, and the energy storage technology necessary to operate them competitively.



Reconstructing Earth: technology and environment in the age of humans

Braden Allenby
Washington, DC : Island Press, 2005.

333.72 ALL

The author offers a provocative set of essays that explores a new, more sophisticated approach to the environment, one that replaces the fantasy of recovering pristine landscapes with a more grounded perspective.

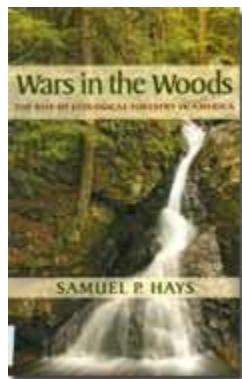


Sustainable development

Susan Baker
New York, NY : Routledge, 2006.

338.927 BAK

This text explores the prospects for and barriers to the promotion of sustainable development in the high-consumption societies of the industrialized world, the Third World and the economies in transition in East and Central Europe.



**Wars in the woods :
the rise of ecological
forestry in America**

Samuel P. Hays
Pittsburgh, PA : University
of Pittsburgh Press, 2007.

634.9 HAY

Gives a comprehensive account of the grassroots and scientific organizations that have emerged to combat special interest groups and promote legislation to protect forests, parks, and wildlife habitats. Provides an astute analysis of manipulations of conservation law that have touched off a battle between what he terms "ecological forestry" and "commodity forestry."

consequences of natural and human induced changes in the structure and function of the climate system.



**The worst hard time :
the untold story of
those who survived
the great American
Dust Bowl**

Timothy Egan
Boston, MA : Houghton
Mifflin, 2006.

978.032 EGA

This is the story of those who stayed and survived the dust storms that terrorized America's High Plains in the darkest years of the Depression. It is an extraordinary story of endurance and heroism. In an era that promises ever-greater natural disasters, this book is a powerful cautionary tale about the dangers of trifling with nature.



**Water conservation
programs: a
planning manual**

Denver, CO : American
Water Works Association,
2006.

628.1 WAT

Provides information on how to develop, implement, and measure the success of a utility's conservation program. The manual provides worksheets, steps, goals, and program participant roles and responsibilities. Also includes water conservation rates, involvement of various outside groups, obstacles to overcome, and success measurement.



**Weather, Climate
and Climate
Change: Human
Perspectives**

*Greg O'Hare, John
Sweeney and Rob Wilby*
New York, NY : Pearson
Prentice Hall, 2005.

551.6 OHA

Provides and up-to-date and accessible analysis of one of the most crucial and contentious issues facing the world today: the processes and