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Environment, Media and Communication

Anders Hansen, University of Leicester, UK

Series: Routledge Introductions to Environment

'Hansen has been following the environment-media-communication story with a sharp eye for nearly two decades. He gathers all that experience into this comprehensive but readable volume that is a great starting point for environment students wanting to get their heads around media and vice versa.' – Joe Smith, Open University, UK

Environment, Media and Communication examines the social, cultural and political roles of the media as a public arena for images, representations, definitions and controversy regarding the environment. The book starts by discussing and outlining a framework for analyzing media and communication roles in the emergence of the environment and environmental problems as issues for public and political concern. It proceeds to examine who and what drives the public agenda on environmental issues, addressing questions about how governments, scientists, experts, pressure groups and other stakeholders have sought to use traditional as well as newer media for promoting their definitions of the key issues. Recognizing the importance of wider popular culture narratives to public understanding and communication about the environment and nature, the book proceeds with a discussion of the messages and moral tales communicated about the environment, science and nature in a range of media, including film and advertising media. It shows how this wider context provides important clues to understanding the successes and failures of selected environmental issues or campaigns. The book finishes with an examination of the key approaches and models used for understanding how the media influence and interact with public opinion and political decision-making on environmental issues.

Offering a comprehensive introduction to theoretical approaches and models for the study of media and communication roles regarding the environment, and drawing on empirical research evidence and examples from Europe, America, Australia and Asia, the book will be of interest to students in media/communication studies, geography, environmental studies, political science and sociology as well as to environmental professionals and activists.

Selected Contents:

1. Introduction
2. Communication and the Construction of Environmental Issues
3. Making Claims and Managing News About the Environment
5. Popular Culture, Nature and Environmental Issues
7. Media, Publics, Politics and Environmental Issues

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Conducting Research in Conservation
Social Science Methods and Practice

Helen Newing, University of Kent, UK

Conducting Research in Conservation is the first textbook on social science research methods written specifically for use in the expanding and increasingly multidisciplinary field of environmental conservation. The first section on planning a research project includes chapters on the need for social science research in conservation, defining a research topic, methodology, and sampling. Section two focuses on practical issues in carrying out fieldwork with local communities, from fieldwork preparation and data collection to the relationships between the researcher and the study community. Section three provides an in-depth focus on a range of social science methods including standard qualitative and quantitative methods such as participant observation, interviewing and questionnaires, and more advanced methods, such as ethnobiological methods for documenting local environmental knowledge and change, and participatory methods such as the ‘PRA’ toolbox. Section four then demonstrates how to analyse social science data qualitatively and quantitatively; and the final section outlines the writing-up process and what should happen after the end of the formal research project.

This book is a comprehensive and accessible guide to social science research methods for students of conservation related subjects and practitioners trained in the natural sciences. It features practical worldwide examples of conservation-related research in different ecosystems such as forests; grasslands; marine and riverine systems; and farmland. Boxes provide definitions of key terms, practical tips, and brief narratives from students and practitioners describe the practical issues that they have faced in the field.

Selected Contents:

Section 1: Planning a Research Project
1. Introduction: Social Science Research in Conservation
2. Defining the Research Topic
3. Developing the Research Design
4. Sampling

Section 2: Methods
5. Participant Observation
6. Qualitative Interviews and Focus Groups
7. Questionnaires
8. Documenting Local Environmental Knowledge and Change
9. Community Workshops and the PRA Toolbox
10. Participatory Mapping

Section 3: Fieldwork with Local Communities
11. Preparing for Fieldwork and Collecting and Managing Data in the Field
12. The Role of the Researcher
13. The Ethical Issues in Research

Section 4: Data Processing and Analysis
14. Processing and Analysis of Qualitative Data
15. Quantitative Analysis: Descriptive Statistics

Section 5: Writing up the Report
17. Writing up the Report
18. Final Dissemination and Follow-up
Global Political Ecology

Edited by Richard Peet, Clark University, USA, Paul Robbins, University of Arizona, USA and Michael Watts, University of California, Berkeley, USA

Global Political Ecology links the political economy of global capitalism with the political ecology of a series of environmental disasters and failed attempts at environmental policies.

This critical volume draws together contributions from twenty-five leading intellectuals in the field. It begins with an introductory chapter that introduces the readers to political ecology and summaries the book’s main findings. The following seven sections cover topics on the political ecology of war and the disaster state; fuelling capitalism: energy scarcity and abundance; global governance of health, bodies, and genomics; the contradictions of global food; capital’s marginal product: effluents, waste, and garbage; water as a commodity, human right, and power; the functions and dysfunctions of the global green economy; political ecology of the global climate and carbon emissions.

This book contains accounts of the main currents of thought in each area that brings the topics completely up-to-date. The individual chapters contain a theoretical introduction linking in with the main themes of political ecology, as well as empirical information and case material. Global Political Ecology serves as a valuable reference for students interested in political ecology, environmental justice, and geography.

Selected Contents:

   Part 1: Food, Health and the Body: Political Ecology of Sustainability
   2. Excess Consumption or Over-production: US Farm Policy, Global Warming, and the Bizarre Attributions of Obesity Julie Guthman
   3. Killing for Profit: Global Livestock Industries and their Socio-Ecological Implications Jody Emel and Harvey Neo
   4. ‘Modern’ Industrial Fisheries and the Crisis of Overfishing Becky Mansfield

Part 2: Capital’s Margins: The Political Ecology of the Slum World
   7. Green Evictions: Environmental Discourses of a ‘Slum-Free’ Delhi Asher Ghertner

Part 3: Risk, Certification and the Audit Economy: Political Ecology of Environmental Governance
   8. The Politics of Certification: Consumer Knowledge, Power and Global Governance in Ecolabelling Sally Eden
   9. Climate Change and the Risk Industry: The Multiplication of Fear and Value Leigh Johnson

Part 4: War, Militarism and Insurgency: Political Ecology of Security
   11. The Natures of the Beast: On the New Uses of the Honey Bee Jake Kosek
   12. Taking the Jungle out of the Forest: Counter-insurgency and the Making of National Natures Nancy Lee Peluso and Peter Vandergeest
   13. Mutant Ecologies: Radioactive Life in Post-Cold War New Mexico Joseph Masco

Part 5: Fuelling Capitalism: Energy Scarcity and Abundance
   14. Past Peak Oil: Political Economy of Energy Crises Gavin Bridge
   15. Energy, Security, and Discourses of Empire and Terror Mazen Labban

Part 6: Blue Ecology: the Political Ecology of Water
   16. Commons versus Commodities: Political Ecologies of Water Privatization Karen Bakker
   17. The Social Construction of Scarcity: The Case of Water in Western India Lyla Mehta

Part 7: Biopolitics and Political Ecology: Genes, Transgenes and Genomics
   18. Governing Disorder: Biopolitics and the Molecularization of Life Bruce Braun

For more information, visit: www.routledge.com/9780415548151
Evidence of climate change, resource shortages and biodiversity loss is growing in significance year by year. This second edition of *Environmental Policy* explains how policy can respond and bring about greater sustainability in individual lifestyles, corporate strategies, national policies and international relations. The book discusses the interaction between environmental and human systems, suggesting environmental policy as a way to steer human systems to function within environmental constraints.

The second edition has been completely updated to reflect advances in scholarship (for example developments in governance theory) and the increasing primacy of climate policy within environmental policy as a whole. Key political, social and economic concepts are used to explain how effective environmental policies can be designed, implemented and evaluated. Environmental problems, the role of human beings in creating them and sustainable development are all introduced. Environmental policy formulation, implementation and evaluation are discussed within three specific contexts: the firm, the nation state and at an international level. The book reviews the relationship of economics, science and technology to environmental policy. The book ends by reflecting upon the predicament of humankind in the twenty first century and the potential of achieve sustainability through the use of the environmental policy ‘toolbox’.

*Environmental Policy* is an accessible text with a multi-disciplinary perspective. Lively case studies drawn from a range of international examples, and completely updated for this second edition, illustrate issues such as climate change, international trade, tourism and human rights. It includes chapter summaries, suggestions for further reading and links to relevant web resources.

Selected Contents:

1. So, What’s the Problem?
2. The Roots of Environmental Problems
3. Sustainable Development and the Goals of Environmental Policy
4. Science and Technology: Policies and Paradoxes
5. Corporate Environmental Policy Making
6. Environmental Policy Making in Government
7. International Environmental Policy Making
8. Environmental Economics
9. Conclusion: Making Policy for the Planet
Adaptation to Climate Change
From Resilience to Transformation

Mark Pelling, Kings College London, UK

The impacts of climate change are already being felt. Learning how to live with these impacts is a priority for human development. In this context, it is too easy to see adaptation as a narrowly defensive task – protecting core assets or functions from the risks of climate change. A more profound engagement, which sees climate change risks as a product and driver of social as well as natural systems, and their interaction, is called for.

Adaptation to Climate Change argues that without care, adaptive actions can deny the deeper political and cultural roots that call for significant change in social and political relations if human vulnerability to climate change associated risk is to be reduced. This book presents a framework for making sense of the range of choices facing humanity, structured around resilience (stability), transition (incremental social change and the exercising of existing rights) and transformation (new rights claims and changes in political regimes). The resilience-transition-transformation framework is supported by three detailed case study chapters. These also illustrate the diversity of contexts where adaption is unfolding, from organisations to urban governance and the national polity.

This text is the first comprehensive analysis of the social dimensions to climate change adaptation. Clearly written in an engaging style, it provides detailed theoretical and empirical chapters and serves as an invaluable reference for undergraduate and postgraduate students interested in climate change, geography and development studies.

Selected Contents:

Part 1: Framework and Theory
1. Intellectual and Policy Context
2. Understanding Adaptation

Part 2: The Resilience-Transition-Transformation Framework
3. Adaptation as Resilience: Social Learning and Self-Organization
4. Adaptation as Transition: Risk and Governance

Part 3: Living with Climate Change
6. Adaptation Within Organizations
7. Adaptation as Urban Risk Discourse and Governance
8. Adaptation as National Political Response to Disaster

Part 4: Adapting with Climate Change
9. Conclusion: Adapting with Climate Change
FoRtHCoMiNg iN 2011

Environment and Economy

Molly Scott Cato, University of Wales Institute, UK
Series: Routledge Introductions to Environment

As environmental issues move to the centre of the political debate, more attention is being focused on the role our economy has played in creating the ecological crisis, and what a sustainable economy might look like. This book offers an insight into the history of thinking that has linked economy and environment including discussions of environmental economics, ecological economics, and green and socialist approaches to economics.

*Environment and Economy* begins by introducing readers to the pioneers of this field, such as Fritz Schumacher and Paul Ehrlich, who first drew attention to the disastrous consequences for our environment of our ever-expanding economy. The second part of the book describes the main academic responses to the need to resolve the tension between economy and environment: environmental economics, ecological economics, green economics, and anti-capitalist economics. Part III is structured around key themes including an introduction to economic instruments such as taxes and regulation; pollution and resource depletion; growth; globalisation vs. localisation; and climate change. Each key issue is approached from a range of different perspectives, and working policies are presented in detail.

This book will provide readers in a wide range of disciplines with basic information about how the interaction between economy and environment has been addressed. No knowledge of economics on the part of the reader will be assumed. The book will also be of interest to the general reader and further reading will be recommended for each theme addressed.

**Selected Contents:**

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Environment and Food

Colin Sage, University College Cork, Eire

Series: Routledge Introductions to Environment

This timely book provides a thorough introduction to the inter-relationship of food and the environment. Its primary purpose is to bring to our attention the multiplicity of linkages and interconnections between what we eat and how this impacts on the earth’s resources. Having a better idea of the consequences of our food choices might encourage us to develop more sustainable practices of production and consumption in the decades ahead.

Although human societies have, over time, brought under control a large proportion of earth’s resources for the purpose of food production, we remain subject to the effective functioning of global ecosystem services. The author highlights the vital importance of these services and explains why we should be concerned about the depletion of freshwater resources, soil fertility decline and loss of biological diversity. The book also tackles some of the enormous challenges of our era: climate change, to which the agri-food system is both a major contributor and a vulnerable sector; and the prospect of significantly higher energy prices, arising from the peaking of oil and gas supplies, that will reveal how dependent the food system has become upon cheap fossil fuels. Such challenges are likely to have significant implications for the long-term functioning of global supply chains and raise profound questions regarding the nutritional security of the world’s population. Taken together the book argues that a re-examination of the assumptions and practices that underpin the contemporary food system is urgently required.

Environment and Food is a highly original, inter-disciplinary and accessible text that will be of interest to students and the wider public genuinely interested in and concerned by the state of the world’s food provisioning system. It is richly illustrated with figures and makes extensive use of boxes to highlight relevant examples.

Selected Contents:

1. Introduction
2. The Global Agri-Food System
3. The Ecological Basis of Primary Food Production
4. Global Challenges for Food Production
5. Food Transformation and Supply
7. Towards a More Sustainable Agri-Food System
8. Conclusions
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