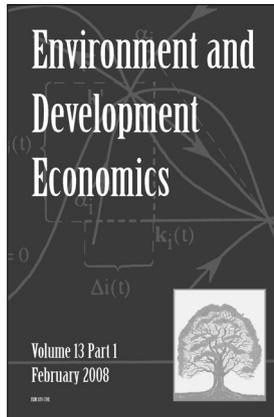


CAMBRIDGE

JOURNALS



Environment and Development Economics

Published in association with the Beijer Institute of Ecological Economics, Royal Swedish Academy of Sciences

Environment and Development Economics

is available online at:
journals.cambridge.org/ede

**To subscribe contact
Customer Services**

in Cambridge:
Phone +44 (0)1223 326070
Fax +44 (0)1223 325150
Email journals@cambridge.org

in New York:
Phone (845) 353 7500
Fax (845) 353 4141
Email
subscriptions_newyork@cambridge.org

Editor

Anastasios Xepapadeas, University of Crete, Greece

Environment and Development Economics is firmly positioned at the intersection of economics, environment and development, publishing original papers addressed to the research and policy communities, and is designed to be accessible to a broad readership. The Editor and Associate Editors are supported by distinguished panels of advisors from around the world, who together ensure that the journal is a major forum for key research conducted in low-income countries as well as elsewhere, and for the work of younger scholars. The journal is divided into two main sections, Theory and Applications and Policy Options.

Price information is available at:
journals.cambridge.org/ede

Free email alerts

Keep up-to-date with new material –
sign up at journals.cambridge.org/register

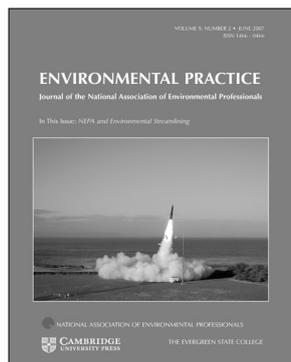
For a free online sample visit:
journals.cambridge.org/ede



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS



Environmental Practice

Published for the National Association of Environmental Professionals

Environmental Practice

is available online at
journals.cambridge.org/enp

**To subscribe contact
Customer Services**

in Cambridge:
Phone +44 (0)1223 326070
Fax +44 (0)1223 325150
Email journals@cambridge.org

in New York:
Phone (845) 353 7500
Fax (845) 353 4141
Email
subscriptions_newyork@cambridge.org

Editor-in-Chief

Kelly Tzoumis, DePaul University, USA

Co-Editor-in-Chief

James A. Montgomery, DePaul University, USA

Environmental Practice provides a multidisciplinary forum for authoritative discussion and analysis of issues of wide interest to the international community of environmental professionals, with the intent of developing innovative solutions to environmental problems for public policy implementation, professional practice, or both.

Price information is available at
journals.cambridge.org/enp

Free email alerts

Keep up-to-date with new material –
sign up at journals.cambridge.org/register

For free online content visit
journals.cambridge.org/enp



CAMBRIDGE
UNIVERSITY PRESS

Outstanding Titles in Earth Science!

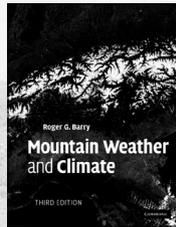
Mountain Weather and Climate

Roger G. Barry

2008 / 512 pp / 112 line figures / 67 halftones

\$160.00: Hb: 978-0-521-86295-0
\$80.00: Pb: 978-0-521-68158-2

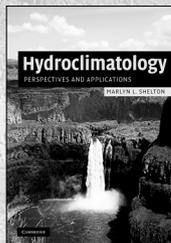
3rd
Edition



Praise for the previous editions:

"... a monumental review of the topic at hand ... vast amount of original material reprocessed into a palatable and succinct form."

—*Bulletin of the World Meteorological Organization*



Hydroclimatology Perspectives and Applications

Marlyn L. Shelton

2008 / 438 pp

\$90.00: Hb: 978-0-521-84888-6

This graduate textbook discusses how hydroclimatology couples key information from climatology and hydrology to examine the changes caused by the climate system in the hydrologic cycle. It assesses the effects of this relationship on floods, drought and other water resource issues.

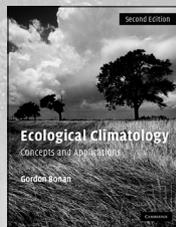
Ecological Climatology Concepts and Applications

Gordon B. Bonan

2008 / 568 pp / 24 plates / 84 tables

\$180.00: Hb: 978-0-521-87221-8
\$80.00: Pb: 978-0-521-69319-6

2nd
Edition



"... successfully integrates fundamental concepts in climatology and ecology ... I highly recommend the text for climatologists and meteorologists interested in better understanding the role of vegetation in the climate system, or ecologists and plant physiologists interested in better understanding the role of the climate system in vegetated ecosystems."

—*Bulletin of the American Meteorological Society*

The Asian Monsoon Causes, History and Effects

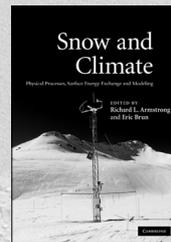
Peter D. Cliff and R. Alan Plumb

2008 / 288 pp / 126 line figures / 24 halftones / 4 plates

\$150.00: Hb: 978-0-521-84799-5



Describing the causes, evolution and far-reaching effects of one of the most dramatic climatic phenomena on Earth, this book is ideal for advanced students and researchers in atmospheric science, climatology, oceanography, geophysics, and geomorphology.



Snow and Climate Physical Processes, Surface Energy Exchange and Modeling

Edited by Richard L. Armstrong and Eric Brun

2008 / 256 pp / 39 line figures / 19 halftones / 8 plates

\$130.00: Hb: 978-0-521-85454-2

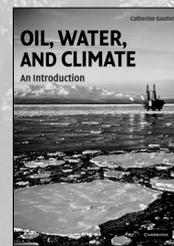
This book gives up-to-date information on the current state of snow-climate science and provides an excellent synthesis for researchers and advanced students.

Oil, Water, and Climate An Introduction

Catherine Gautier

2008 / 408 pp

\$49.00: Pb: 978-0-521-70919-4



Global population is at an all time high as is our energy use and demand. Today, anxieties over global and national energy, water and climate security are growing. Tough decisions and major reforms are needed and this book provides excellent introductory material to begin to combat these problems.

Prices subject to change.

Environmental Conservation – Instructions for Authors

Environmental Conservation welcomes papers relevant to scientifically based management of the Earth's environment. The Journal publishes:

- subject reviews (normally <10 000 words)
- research papers (up to 8 000 words)
- reports (<400 words including references)
- comments (<1000 words)
- book reviews (<750 words).

The main criteria for acceptance of subject reviews and research papers are originality, scientific rigour, international interdisciplinary appeal to the readership and acceptability of style. Papers must not have been published previously, nor be under consideration for publication elsewhere. *Environmental Conservation* employs an interactive processing and editing procedure. We receive many more submissions than we have space to publish and the final authority in all matter relating to publication lies with the Editor. All papers are initially assessed by the Editorial Office and are likely to be returned to the authors for revision before peer review. Papers are accepted on the understanding that the underlying work has been conducted in an environmentally and socially responsible manner. In order for the Journal to deal with any copyright matters, the corresponding author is required to assign the copyright of any paper published to the Foundation for Environmental Conservation. All authors must ensure that all necessary permissions have been obtained for reproducing any other copyright material, including the right to reproduce and publish electronically.

Manuscript submission

Papers should be submitted online by registering with our Manuscript Central service at

<http://mc.manuscriptcentral.com/envcon> and uploading the paper. Please ensure that your document is double-spaced and written in a 12-point common font such as Times New Roman. All pages must be numbered and a word count given (including references and figure legends). Please remember that a separate abstract <200 words is required at submission. In the event that substantial English improvement is required at any stage during the processing of a manuscript a quote will be supplied for the work involved. Authors are urged to read the detailed instructions for submitting their manuscript online. These can be found at the submission website by clicking on the 'Instructions and Forms' link in the top right of the screen; and then clicking on the link for 'Environmental Conservation Online Submission Instructions for Authors' on the following page. Authors who are unable to submit online should contact the Editorial Office (envcons@ncl.ac.uk) for assistance. When a paper is accepted for publication the preferred formats for papers are Microsoft Word for text, and .tif or .eps for any Figures saved electronically.

Journal style guide

A recent issue of the journal from Volume 30 onwards should be consulted for style. Units, symbols and related matters are based on the CBE Manual *Scientific Style and Format* (6th Edition, 1994, ISBN 0-521-47154-0). The first page must include author names (capitals) and full addresses where the work was carried out. The corresponding author should provide an email address. Current addresses, where different, should also be given, and a word count including references and legends. The second page should contain a Summary followed by the main body of text. A research paper will normally have such sections as: Introduction; Methods; Results; Discussion; Acknowledgments; References; Tables (numbered in textual sequence and including captions); Figure legends; and Figures, which should accordingly be so ordered. A subject review should have sections appropriate to the topic addressed, but any methods and sources should preferably be detailed in a separate section. The Summary should be concise and informative. It should be <5% of the total word count and is complete in itself. It should succinctly express the context, purpose, methods, findings, approach and implications of the study. There should be no references or unexplained abbreviations. Avoid phrases such as 'are described', 'will be discussed', etc. The Methods section should include essential details of study area, analyses and sources of data. Please note that footnotes are not used in the *Environmental Conservation*.

Spelling

Spelling should conform to The Concise Oxford Dictionary, 10th edition or later. Scientific names of genera, species and subspecies, but not of higher groups, should be italicised. Foreign words should be italicized at their first mention, where they also must be defined and explained, but thereafter may be written in normal typeface.

Units, abbreviations, etc

The International System of units (SI) is to be used. Units, symbols and related matters are based on the CBE Manual *Scientific Style and Format* (6th Edition, 1994, ISBN 0-521-47154-0). Acronyms and abbreviations are generally in upper case and should be expanded at the first mention. All

currencies should at first mention have a US\$ exchange rate (e.g. '£1 = US\$1.89, January 2005).

References

All references to cited literature should be given in alphabetical order on a new page at the end of the paper. Where a Reference is not to a recognized periodical or substantive book, but rather to an official document, internal technical or consultancy report, greater flexibility may be exercised. The chief criterion for correct referencing is that a reader be provided with the information necessary to find the item cited. References should also be given to international treaties (UNTS number). Unnecessary references should be omitted. Please refer to the online 'Instructions for Authors' for examples.

Tables

Tables should be on sheets separate from the main text and presented one per page complete with heading. They should be numbered and referred to by their number in the text. Tables should be suitable for production on a single journal page or less. Table captions should be brief and ensure the Table is comprehensible without reference to the text. They should incorporate any scale, key or symbols, etc. necessary to interpret the information.

Figures

Figures should again be on sheets separate from the text. Each Figure must be on a separate page, unboxed and clearly identified. These may be line drawings or photographs and all should be referred to consecutively in the text as Fig. 1, etc. Figures should be as simple as possible, avoiding 3-dimensional graphs, with fine lines, stippling and unusual symbols, which cannot be reproduced satisfactorily when reduced to one (84mm) or two-column width (175mm). Where various shadings are used within a figure please ensure that it is easy to differentiate between them. Labels on Figures should be added to the original drawing before submission. They should be brief and explained in the legend. Preferred symbols are open and filled circles, boxes and triangles, and these should be used consistently between Figures and as near as possible to 9 point when reproduced in the final journal. Figure legends should be in a list separate from the Figures and make the Figure comprehensible without reference to the text. They should incorporate any scale, key or symbol, etc. necessary to interpret the information. Maps must bear scales and photographs should include some indication of scale. Figures reproduced from other sources should be fully acknowledged in the legend, and permission for their reproduction in both written and electronic format should be sought before use. Colour illustrations are acceptable if they significantly inform/add information to the text, and provided that they are of a very high quality. However, the cost will be charged to the author(s) and an agreement to meet the costs will be required before the manuscript can be accepted for publication. For the purposes of reviewing, high-resolution graphics for figures are not necessary; authors may submit low-resolution or pdf versions of figures, but should ensure that they are of sufficient quality for viewing on-screen or by laser printing. You may insert your figures into the document, but please put all figures and tables at the end. When your paper has been accepted for publication, if there are figures then you need to supply them as high resolution images. Please refer to the online 'Instructions for Authors' for the formats and resolutions that Cambridge Journals recommend for supplying electronic figures.

Tracking your submission

Your paper will be acknowledged by email on receipt. A reference number will be allocated which you should use in all correspondence and for tracking an electronic submission on Manuscript Central. All submissions approved for peer review are seen by at least two reviewers. The journal makes every effort to ensure that reviewers report swiftly. As soon as the Editor has reached a decision on your paper you will be notified by e-mail. Appeals on any decisions made by the Editors must be made within a month of the decision email in order for them to be considered. Authors of papers supported by reviews can expect normally to have their paper returned to them, with comments of both reviewers and Editor. The revised manuscript should be submitted as directed with an accompanying letter detailing how substantive points raised have been addressed. After acceptance, the copy-editor and publishers deal with all matters relating to printing. Proofs and offprint order forms will be sent to corresponding authors of subject reviews, research papers and comments. If authors are to be away from their correspondence address during the ten weeks after acceptance, they must have arrangements in place for queries from the copyeditor to be addressed promptly, and the proofs to be carefully read and swiftly returned. Corresponding authors of subject reviews and research papers will receive 25 free offprints.

For a more detailed 'Instructions for Contributors' please visit: journals.cambridge.org/ENC

ENVIRONMENTAL CONSERVATION

International Journal of Interdisciplinary Environmental Science

VOLUME 36 No. 1 MARCH 2009

CONTENTS

COMMENTS

- Lack of scientific evidence and precautionary principle in massive release of rodenticides threatens biodiversity: old lessons need new reflections
By *Pedro P. Olea, Inés S. Sánchez-Barbudo, Javier Viñuela, Isabel Barja, Patricia Mateo-Tomás, Ana Piñeiro, Rafael Mateo and Francisco J. Purroy* 1
- Is HIV/AIDS jeopardizing biodiversity?
By *Dylan Kenneth McGarry and Charlie Michael Shackleton* 5
- Elephant populations and CITES trade resolutions
By *Rudi J. van Aarde and Sam M. Ferreira* 8
- Tropical Conservation Biology*: response to Lugo's tendentious review
By *Navjot S. Sodhi, Corey J. A. Bradshaw and Barry W. Brook* 11

PAPERS

- Impact of oil and gas drilling in Trinidad: factors influencing environmental attitudes and behaviours within three rural wetland communities
By *A. Karen Baptiste and Brenda J. Nordenstam* 14
- Avian species richness, human population and protected areas across Italy's regions
By *Marco Pautasso and Marco Dinetti* 22
- Scuba diver behaviour and its effects on the biota of a Mediterranean marine protected area
By *Antonio Di Franco, Marco Milazzo, Pasquale Baiata, Agostino Tomasello and Renato Chemello* 32
- The status of anthropogenic threat at the people-park interface of Bwindi Impenetrable National Park, Uganda
By *William Olupot, Robert Barigyira and Colin A. Chapman* 41
- Local institutions as mediators of the impact of markets on non-timber forest product extraction in central India
By *Rucha Ghate, Deepshikha Mehra and Harini Nagendra* 51
- Beach rock as a keystone habitat for amphibious sea snakes
By *Xavier Bonnet, François Brischoux, David Pearson and Philippe Rivalan* 62
- Termite mounds and dykes are biodiversity refuges in paddy fields in north-eastern Thailand
By *C. Choosai, J. Mathieu, Y. Hanboonsong and P. Jouquet* 71

BOOK REVIEWS

- Allee Effects in Ecology and Conservation*, by Franck Courchamp, Ludek Berec and Joanna Gascoigne (BRIAN DENNIS); *Introduction to Modeling in Wildlife and Resource Conservation*, by Norman Owen-Smith (MARK BURGMAN); *Noninvasive Survey Methods for Carnivores*, Edited By Robert A. Long, Paula Mackay, William J. Zielinski and Justina C. Ray (MATTHEW E. GOMPPER AND ABI TAMIM VANAK); *Oil, Water, and Climate: An Introduction*, by Catherine Gautier (DEBRA J. DAVIDSON); *The Power of Words in International Relations. Birth of an Anti-whaling Discourse*, by Charlotte Epstein (M.J. PETERSON); *Beach and Dune Restoration*, by Karl F. Nordstrom (SARA MARSHAM); *The Evolution of Sustainable Development in International Law: Inception, Meaning and Status*, by Nico Schrijver (ARTHUR H. WESTING) 80

Cambridge Journals Online

For further information about this journal please
go to the journal website at:
journals.cambridge.org/enc

CAMBRIDGE
UNIVERSITY PRESS