Environmental and Atmospheric Science

Atmospheric Physics
Meteorology
Environmental Law, Politics and Economics

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Contents

Environmental Science 1
Environmental and Atmospheric Chemistry 3
Hydrology 4
Oceanography 5
Climatology 7
  Climatology Textbooks 8
  IPCC Reports 8
  US National Assessment Reports 9
Atmospheric Physics and Meteorology 10
Environmental Law, Politics and Economics 14
Also of Interest 16

Highlights

Climate Change 2001 Synthesis Report
➤ See page 2

Atmospheric Pollution
➤ See page 4

Inverse Modeling of the Ocean and Atmosphere
➤ See page 5

Climate into the 21st Century
➤ See page 7

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Many of our journal titles are now available online. Each journal entry in this catalogue indicates where the price includes, or will include, access to the electronic version of the journal during 2002. Full text is available FREE to all individuals within the registered domain address of full rate subscribers. In addition, the service provides all users with FREE access to tables of contents and abstracts, and a FREE email alerting service.
Atmospheric Pollution: History, Science, and Regulation
Mark Z. Jacobson
Stanford University

Atmospheric Pollution provides an accessible introduction to major atmospheric pollution topics: urban outdoor air pollution, indoor air pollution, acid deposition, stratospheric ozone reduction, global climate change. It will form an ideal textbook for students, a valuable reference text for researchers, and an introduction to the subject for general audiences.

- Well-known author of a previous textbook that received excellent reviews
- Comprehensive, up-to-date introductory textbook on atmospheric pollution aimed at students
- Contains over 200 photographs and figures, most in color, and many examples and problems
- Additional material including slides to accompany the text will be available from the author's website http://wwwcive.stanford.edu/jacobson/
- Solutions to the problems at the end of each chapter are available from the author

Contents:
1. Understanding pollution
2. The waste management hierarchy
3. An introduction to toxicology
4. Environmental risk assessment
5. Air pollution
6. Air pollution and global change
7. Water pollution
8. Solid waste
9. Metals
10. Pesticides
11. Environmental estrogens
12. Energy production and use
13. Pollution at home

‘… this book forms a very useful introduction to pollution problems, and would also suit a more general readership, including members of the public with an interest in pollution matters.

Marine Pollution Bulletin

Contents:
1. Understanding pollution
2. The waste management hierarchy
3. An introduction to toxicology
4. Environmental risk assessment
5. Air pollution
6. Air pollution and global change
7. Water pollution
8. Solid waste
9. Metals
10. Pesticides
11. Environmental estrogens
12. Energy production and use
13. Pollution at home

‘… an interesting publication, one which supports areas which are difficult for students to explore in depth and which are not always effectively covered. It provides a balanced view of the complex environmental issues affecting our civilization.

Karl Donert, Geography

Earth Systems: Processes and Issues
Edited by W. G. Ernst
Stanford University, California

The ideal introductory textbook for any course at the first-year university level which touches upon environmental issues or earth systems science.

‘Ernst has done an admirable job editing an extensive list of chapters written by a group of international experts. What we have here is a book stuffed full of useful information that essentially focuses on today’s Earth System.

Sean Mulshaw, Geoscientist

Contents:
Preface
Part I. Introduction, the Earth as a System
Part II. Natural Processes
Part III. Societal and Policy Implications
Part IV. Summary

For monthly email alerts visit www.cambridge.org/eservices
Innovative Energy Strategies for CO₂ Stabilization
Edited by Robert G. Watts
Tulane University, Louisiana

The vast majority of the world’s climate scientists believe that the build-up of heat-trapping CO₂ in the atmosphere will lead to global warming unless we burn less fossil fuels. At the same time, energy must be supplied in increasing amounts for the developing world to continue its growth. This book discusses the feasibility of increasingly efficient energy use and the potential for supplying energy from sources that do not introduce CO₂. The book analyzes the prospects for Earth-based renewables: solar, wind, biomass, hydroelectricity, geothermal and ocean energy. It then discusses nuclear fission and fusion, and the relatively new idea of harvesting solar energy on satellites or lunar bases. It will be essential reading for all those interested in energy issues, including engineers and physicists (electrical, mechanical, chemical, industrial, environmental, nuclear), and industrial leaders and politicians. It will also be used as a supplementary textbook on advanced courses on energy.

Monitoring in Coastal Environments Using Foraminifera and Thecamoebian Indicators
David B. Scott
Dalhousie University
Franco S. Medioli
Dalhousie University
and Charles T. Schafer
Geological Survey of Canada

‘After I finish a book I have to place it in my library. This one is so good, I will keep it close at hand …’
Freshwater Forum

New Views on an Old Planet
Second edition
Tjeerd H. van Andel
University of Cambridge

‘a chatty account of Earth evolution … It deserves to become a classic.’
New Scientist

Snow Ecology
An Interdisciplinary Examination of Snow-Covered Ecosystems
Edited by H. G. Jones
Institut National de la Recherche Scientifique, Université de Québec
J. W. Pomeroy
Centre for Glaciology, University of Wales, Aberystwyth
D. A. Walker
Institute of Arctic Biology, University of Alaska, Fairbanks
and R. W. Hoham
Colgate University, Hamilton, New York

‘This book will be an important resource for many years, and it should be on the bookshelf of every ecologist concerned with polar or alpine regions.’
Trends in Ecology and Evolution
Environmental and Atmospheric Chemistry

Graduate Text

Environmental Applications of Geochemical Modeling
Chen Zhu
University of Pittsburgh
and Greg Anderson
University of Toronto

Geochemical modeling is a powerful tool for characterizing environmental site contaminations and predicting environmental impacts. This advanced student textbook demonstrates the application of geochemical models to environmental problems, through the use of numerous case studies of real-world environmental problems. It is also an indispensable reference for professionals and environmental regulators.

Cation Binding by Humic Substances
Edward Tipping
Centre for Ecology & Hydrology, Windermere
Humic substances are highly-abundant organic compounds formed in soils and sediments by the decay of dead plants, microbes and animals. This book focuses on the important binding properties of these compounds which regulate the chemical reactivity and bioavailability of hydrogen and metal ions in the natural environment. Topics covered include the physico-chemical properties of humic matter and interactions of protons and metal cations with weak acids and macromolecules. Experimental laboratory methods are also discussed, together with mathematical modelling. Finally the author looks at how the results of this research can be used to interpret environmental phenomena in soils, waters and sediments. This comprehensive account of cation binding by humic matter is a valuable resource for advanced undergraduate and graduate students, environmental scientists, ecologists and geochemists.

Cambridge Environmental Chemistry Series, 12
2002 247 x 174 mm 444pp 51 line diagrams
0 521 62146 1 Hardback £70.00

Environmental Toxicology
David A. Wright
University of Maryland
and Pamela Welbourn
Queen’s University

Comprehensive introductory textbook for students and specialists in ecology, environmental science, and chemistry.


Cambridge Environmental Chemistry Series, 7
1996 247 x 174 mm 389pp 98 line diagrams
60 exercises
0 521 48172 4 Hardback £75.00
0 521 48450 2 Paperback £26.95

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These developments include: surfaces and interfaces; polymers; colloids; emulsions; protein engineering and biophysical chemistry; and dynamical electrochemistry. This new series will provide a vehicle for the publication of advanced textbooks and monographs introducing and reviewing these exciting developments.

**Rotational Spectroscopy of Diatomic Molecules**

**John Brown**

and **Alan Carrington**

Written to be the definitive text on the rotational spectroscopy of diatomic molecules, this book develops the theory behind the energy levels of diatomic molecules and then summarises the many experimental methods used to study their spectra in the gaseous state.

**Cambridge Molecular Science**

2003 247 x 174 mm 800pp 295 line diagrams 74 tables

0 521 81009 4 Hardback c. £95.00

0 521 53078 4 Paperback c. £34.95

Publication May 2003

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**Hydrology**

**Ecohydrology**

**Darwinian Expression of Vegetation Form and Function**

**Peter S. Eagleson**

Massachusetts Institute of Technology

This volume is devoted to the derivation and application of simplified bioclimatic boundary conditions at vegetated land surfaces using natural selection of vegetation characteristics driven by productivity maximization. It investigates the internal control of forest growth by the vertical fluxes of light, CO₂, water vapor, and heat within the canopy, as well as the external control offered by the balances of thermal energy and water. Through these means it seeks to determine how the physical characteristics and productivity of forest communities are related to the climates and soils in which they are found. Ecohydrology bridges the fields of hydrology and ecology and proposes new unifying principles derived from the concept of natural selection. It also has potential application in determining the response of vegetation to slow variations in climate and will provide fascinating reading for graduate-level students and research scientists working in ecohydrology, hydroclimatology, forest ecology, and Surface Water Hydrology.

2002 247 x 174 mm 476pp 154 line diagrams 50 half-tones 37 tables

0 521 77245 1 Hardback £80.00

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**River Mechanics**

**Pierre Y. Julien**

Colorado State University

In a comprehensive analysis of rivers, this text scrutinizes select methods underlining both theory and engineering applications, emphasizing the mechanics of flood wave propagation and sediment transport. It covers fundamental principles, engineering analysis, and engineering design, with problems, examples, and case studies. For advanced students, researchers, and practitioners.


2002 228 x 152 mm 454pp 240 line diagrams 49 tables 110 exercises 12 maps

0 521 56284 8 Hardback £95.00

0 521 52970 0 Paperback £29.95

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**International Hydrology Series**

The International Hydrology Series is a collaborative publishing program between UNESCO, Paris and Cambridge University Press. It contains monographs describing research activities in hydrology which have been sponsored by the UNESCO International Hydrology Program. The program addresses theoretical issues in the conduct of hydrological research, as well as practical, applied, and water management issues raised by hydrological projects. The volumes are addressed to those working in a practical context in less developed countries.
Risk, Reliability, Uncertainty and Robustness of Water Resource Systems
Edited by Janos Bogardi
Division of Water Sciences, UNESCO, Paris
and Zbigniew W. Kundzewicz
Research Centre of Agricultural and Forest Environment, Polish Academy of Sciences

35 leading multi-disciplinary scientists with international reputations provide state-of-the-art reviews of topical areas of research on uncertainty and reliability related aspects of water resource systems. The volume will be valuable for graduate students, scientists, consultants, administrators, and practising hydrologists and water managers.

International Hydrology Series
2002 279 x 215 mm 236pp 133 line diagrams 37 tables 0 521 80036 6 Hardback £75.00

Tropical Glaciers
Georg Kaser
Universität Innsbruck
and Henry Osmaston
University of Bristol

Tropical glaciers are highly sensitive indicators of global climate but are also fresh water reservoirs in some fast developing regions. In some cases they are a permanent threat to people. This book starts with the dramatic story of a glacial lake and continues with an analysis of tropical glaciology.

International Hydrology Series
2001 276 x 219 mm 228pp 70 line diagrams 70 half-tones 40 tables 35 graphs 0 521 63333 8 Hardback £75.00

Sustainability Criteria for Water Resource Systems
Edited by Daniel P. Louch
Cornell University, New York
and John S. Gladwell
Hydro Tech International, Vancouver

International Hydrology Series
1999 276 x 219 mm 154pp 25 line diagrams 5 tables 0 521 56044 6 Hardback £60.00

Impacts of Climate Change and Climate Variability on Hydrological Regimes
Edited by Jan C. van Dam
International Institute for Infrastructure, Hydraulic and Environmental Engineering (IHE), Delft, The Netherlands

International Hydrology Series
1999 276 x 219 mm 156pp 51 line diagrams 15 tables 0 521 63332 X Hardback £50.00

Groundwater/Surface Water Ecotones
Biological and Hydrological Interactions and Management Options
Edited by Janine Gibert
Université Lyon
Jacques Mathieu
Université Lyon
and Fred Fournier
UNESCO, Division of Water Sciences

International Hydrology Series
1997 297 x 210 mm 258pp 151 line diagrams 1 half-tone 38 tables 0 521 57254 1 Hardback £75.00

Subsurface Flow and Transport
A Stochastic Approach
Edited by Gedeon Dagan
Tel-Aviv University
and Shlomo P. Neuman
The University of Arizona

International Hydrology Series
1997 297 x 210 mm 255pp 111 line diagrams 2 tables 0 521 57257 6 Hardback £90.00

Space and Time Scale Variability and Interdependencies in Hydrological Processes
Edited by Reinder A. Feddes
Agricultural University, Wageningen, The Netherlands

International Hydrology Series
1995 297 x 210 mm 193pp 124 line diagrams 20 tables 0 521 49508 3 Hardback £37.50

Spatial Patterns in Catchment Hydrology
Observations and Modelling
Edited by Rodger Grayson
University of Melbourne
and Günter Blöschl
Technische Universität Wien

Describes use of observed patterns in understanding and modelling hydrological response, for researchers and graduate students.

‘Highly recommended.’
Hydrological Processes and HP Today
2001 253 x 203 mm 416pp 110 line diagrams 1 half-tone 32 colour plates 17 tables 0 521 63316 8 Hardback £75.00

Fractal River Basins
Chance and Self-Organization
Ignacio Rodríguez-Iturbe
Princeton University
and Andrea Rinaldo
Università degli Studi di Padova, Italy

‘Geomorphologists and physicists alike will find the book thought-provoking, and I highly recommend this stimulating work.’
David R. Montgomery, Nature
2001 253 x 203 mm 564pp 320 line diagrams 27 half-tones 7 colour plates 0 521 00405 5 Paperback £34.95

Groundwater in Geologic Processes
Steven E. Ingebritsen
United States Geological Survey, California
and Ward E. Sanford
United States Geological Survey, California

‘I unreservedly recommend this book as a teaching and reference text for everyone working on aqueous fluid-bearing environments in the Earth.’
Manouchehr Heidari, Geological Magazine
2000 228 x 152 mm 365pp 100 line diagrams 7 tables 43 exercises 0 521 66400 4 Paperback £21.95

Scale Dependence and Scale Invariance in Hydrology
Edited by Garrison Sposito
University of California, Berkeley

‘The editor, Garrison Sposito, must be congratulated for this book.’
Manouchehr Heidari, Journal of Geoscience Education
1998 253 x 177 mm 438pp 0 521 57125 1 Hardback £75.00

Oceanography

Inverse Modeling of the Ocean and Atmosphere
Andrew F. Bennett
Oregon State University
concisely introduced, and applications to contemporary research models, together with elaborate observing systems, are examined in detail. The book offers a review of the various alternative approaches, and further advanced research topics are discussed. Derived from the author’s lecture notes, this book constitutes an ideal course companion for graduate students, as well as being a valuable reference source for researchers and managers in theoretical earth science, civil engineering, and applied mathematics.

2002 247 x 174 mm 256pp 37 line diagrams
4 half-tones
0 521 81373 5 Hardback £60.00

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Tsunami
The Underrated Hazard
Edward Bryant
University of Wollongong, New South Wales

This book comprehensively describes the nature and process of tsunami, outlines field evidence for detecting past events, and describes particular events linked to earthquakes, volcanoes, submarine landslides and meteorite impacts. It will appeal to students and researchers, and will also be attractive for the general public interested in natural hazards.

‘… there is much to fascinate and stimulate anyone with an interest in one of the most awesome natural hazards that confronts us.’

Terry Marsh, Weather

2001 253 x 177 mm 350pp 72 line diagrams
50 half-tones 51 tables
0 521 77244 3 Hardback £55.00
0 521 77599 X Paperback £19.95

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Ocean Waves and Oscillating Systems
Linear Interactions Including Wave-Energy Extraction
Johannes Falnes
Norwegian University of Science and Technology NTNU

This book examines the interaction between ocean waves and oscillating systems. With a focus on linear analysis of low-amplitude waves, the text is designed to convey a thorough understanding of wave interactions. Graduate students and researchers will find it an excellent source of wave energy theory and application.

2002 253 x 177 mm 286pp 72 line diagrams
3 tables 63 exercises
0 521 78211 2 Hardback £50.00

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The Oceans and Climate
Grant R. Bigg
University of East Anglia

Comprehensive textbook on ocean–climate interaction for undergraduates studying earth and environmental sciences, oceanography, meteorology and climatology.

‘… well written and richly illustrated … The book provides a reasonably priced, lucid, and not too technical, survey of the complex system called ‘climate’, with emphasis on the special role played by the world’s oceans, but not neglecting other pieces in a multifaceted puzzle.’

Elmar R. Reiter, Meteorology and Atmospheric Physics

Contents: Preface; 1. The climate system; 2. Physical interaction between the ocean and atmosphere; 3. Chemical interaction of the atmosphere and ocean; 4. Biochemical interaction of the atmosphere and ocean; 5. Large-scale air–sea interaction; 6. The ocean and natural climatic variability; 7. The ocean and climatic change; Appendix A Useful constants and the electromagnetic spectrum; Appendix B Periodic table and electron orbital configuration; Appendix C Stability, potential temperature and density; Appendix D Rossby waves in the atmosphere and ocean; Glossary; Bibliography; Index.

1996 247 x 174 mm 278pp 200 line diagrams
4 half-tones 17 tables
0 521 45212 0 Hardback £55.00
0 521 58268 7 Paperback £22.95

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Journal of the Marine Biological Association of the United Kingdom

Editor-in-Chief: P. E. Gibbs
The Marine Biological Association of the UK, Plymouth

Associate Editors: J. A. Raven FRS
University of Dundee
R. Seed
University of Wales, Bangor
and P. A. Tyler
Southampton Oceanography Centre

Published for the Marine Biological Association of the United Kingdom

JMBA publishes original research on all aspects of marine biology. It includes current international research developments and features much of the pioneering work taking place today on major issues concerning marine organisms and their environment. Subjects include: ecological surveys and population studies of oceanic, coastal and shore communities; physiology and experimental biology; taxonomy, morphology and life history of marine animals and plants; and chemical and physical oceanographic work which relates closely to the biological environment.

Subscriptions
Volume 83 in 2003: February, April, June, August, October and December
Institutions print and electronic: £350
Institutions electronic only: £322
Institutions print only: £322
Print ISSN 0025-3154
Electronic ISSN 1469-7769

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Journal of Navigation

Editor: Norman Bonnor
The Royal Institute of Navigation, London

Published for The Royal Institute of Navigation

Journal of Navigation contains original papers on the science of navigation over land and sea and through air and space, including a selection of papers presented at the meetings of the Institute. Papers cover every aspect of navigation, from the highly technical to the descriptive and historical.

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Wind Stress over the Ocean
Edited by Ian S. F. Jones
University of Sydney
and Yoshiaki Toba
Tohoku University

This book brings together thirty of the world’s leading experts in air–sea interaction to provide a thorough re-examination of the processes that transfer momentum between atmosphere and ocean. It will form a comprehensive guide and reference between atmosphere and ocean. It will provide a thorough re-examination of the processes that transfer momentum between atmosphere and ocean. It will also appeal to the world’s leading experts in air-sea interaction for undergraduates studying oceanography, meteorology and environmental research scientists in meteorology, oceanography, and environmental engineering, but will also appeal to the broader physics community.

Contents: 1. The transfer laws of the air-sea interface; 2. Wind, waves and the mechanisms of air-sea transfer; 3. Mixed layers in contact; 4. Hot towers; 5. The ocean’s warm-water-sphere; References; Index.

2001 253 x 177 mm 248pp 116 line diagrams
3 tables 63 exercises
0 521 78211 2 Hardback £50.00
Subjects include electronics, astronomy, mathematics, cartography, command and control, psychology and zoology, operational research, risk analysis, theoretical physics, operation in hostile environments, instrumentation, ergonomics, financial planning and law. The journal also publishes selected papers and reports as well as book reviews.

Subscriptions
Volume 56 in 2003: January, May and September
Institutions print and electronic: £170
Institutions electronic only: £153
Print ISSN 0373-4633
Electronic ISSN 1469-7785

Climatology

Forthcoming
Climate: Into the 21st Century
Edited by William Burroughs

The WMO draws on an unrivalled selection of leading experts to provide a balanced and global coverage of climate issues. Lavishly illustrated and engagingly written, this book will be attractive to a general audience, and will also be valuable as a teaching resource for students in school and university.

• Accessibly written reference volume on all aspects of the climate and its impact on human affairs
• Put together by renowned experts from the World Meteorological Organization and edited by William Burroughs, an experienced author of several popular-level books and student texts
• Lavishly illustrated in full colour throughout

Contents: Acknowledgements; Foreword; Preface; 1. Our perceptions of climate; 2. The climate system; 3. Impacts of varying climate; 4. Climate for a better society; 5. The century ahead; Appendices; Picture credits; Maps; Glossary; Acronyms; Chemical symbols, conversion factors and units; Index.
2002 276 x 219 mm 256pp 50 half-tones
25 tables
0 521 79202 9 Hardback c. £24.95
Publication November 2002

Geosphere-Biosphere Interactions and Climate
Edited by Lennart O. Bengtsson
Max-Planck-Institut für Meteorologie
and Claus U. Hammer
University of Copenhagen

This volume brings together many of the world’s leading environmental scientists for a state-of-the-art discussion of the interaction between the geosphere/biosphere and climate. It will be invaluable for researchers and graduate students in climate studies who wish to gain a current multidisciplinary perspective of research in this topic.
2002 253 x 177 mm 318pp 65 line diagrams
15 colour plates 10 tables
0 521 78238 4 Hardback £50.00

Population and Climate Change
Brian C. O’Neill
Watson Institute for International Studies & Center for Environmental Studies, Brown University
F. Landis MacKellar
International Institute for Applied Systems Analysis
and Wolfgang Lutz
International Institute for Applied Systems Analysis

‘Logically structured and well balanced, this clearly written and well-presented book is quantitative in approach and makes no concessions to the inexperienced. It will be most useful for honours option-level undergraduates on a range of courses in geography, environmental science, demography and economics, and particularly for research workers wishing to broaden their understanding of the complex interactions between climate and human society.’

Holocene

2001 247 x 174 mm 284pp 20 line diagrams
14 tables
0 521 66242 7 Hardback £30.00

El Niño and the Southern Oscillation
Multiscale Variability and Global and Regional Impacts
Edited by Henry F. Diaz
National Oceanic and Atmospheric Administration
and Vera Markgraf
University of Colorado

‘The editors express the hope that this book makes a contribution toward a broader understanding of the ENSO phenomenon, by providing an updated synthesis of some of the significant accomplishments toward this goal, and by highlighting some of the areas where gaps in our knowledge still exist. Their hopes have been realized.’
Mark A. Cane, EOS
2000 247 x 174 mm 512pp 109 line diagrams
54 colour plates 18 tables
0 521 62138 0 Hardback £55.00

The Carbon Cycle
Edited by T. M. L. Wigley
National Center for Atmospheric Research, Boulder, Colorado
and D. S. Schimel
National Center for Atmospheric Research

‘… covers the topic superbly … the book is a “must-buy” for libraries. But it is more important than that … fodder for graduate courses, and for anyone interested in the future of the planet … the story it tells is vital to us all.’
Euan Nisbet, Geological Magazine
2000 279 x 215 mm 310pp 114 line diagrams
36 tables
0 521 58337 3 Hardback £42.50

Warm Climates in Earth History
Edited by Brian T. Huber
Smithsonian Institution, Washington DC
Kenneth G. Macleod
University of Missouri
and Scott L. Wing
Smithsonian Institution

‘… climate scientists interested in the basic performance of climate models, and the evolution of the climate over the last 500 million years, will find this volume worth dipping into.’
Grant Bigg
1999 247 x 174 mm 480pp 99 line diagrams
16 colour plates 23 tables
0 521 64142 X Hardback £75.00
Climate Change
A Multidisciplinary Approach
William James Burroughs

Provides an up-to-date, concise and comprehensive presentation of all aspects of climate change for undergraduate courses.

‘… a recommended read for the informed layman and student seeking a wider background in this topical but complex field.’

Grant Bigg, Weather


2001 253 x 177 mm 314pp 109 line diagrams
0 521 56125 6 Hardback £52.50
0 521 56771 7 Paperback £18.95

Statistical Analysis in Climate Research
Hans von Storch
Universität Hamburg
and Francis W. Zwiers
University of Victoria

‘… this book … should form the centrepiece of the climate analyst’s reference shelf’.

Robert E. Livezey, Nature


1997 276 x 213 mm 225pp 71 line diagrams
0 521 48189 9 Hardback £47.50
0 521 48440 5 Paperback £17.95

IPCC Third Assessment Reports

Climate Change 2001: Synthesis Report
Third Assessment Report of the Intergovernmental Panel on Climate Change
Edited by Robert T. Watson
Intergovernmental Panel on Climate Change (IPCC)

The Climate Change 2001 volumes of the Third Assessment Report of the IPCC provide the most comprehensive assessment of climate change since its second report, Climate Change 1995. This Synthesis Report provides a policy-relevant, but not policy-prescriptive, synthesis and integration of information contained within the Third Assessment Report and also draws upon all previously approved and accepted IPCC reports. This volume will be particularly valuable for students and researchers, and will form a standard reference for policy decisions in governments and industry the world over for many years to come.

‘… essential reading for anyone interested in global environmental change, either past, present, or future. … These volumes have a deservedly high reputation.’

Geological Magazine
‘… a wealth of clear, well-organized information that is all in one place … there is much to applaud.’

Environmental International
Climate Change 2001: The Scientific Basis
Contribution of Working Group I to the Third Assessment Report of the IPCC
Edited by J. T. Houghton
Co-Chair of Working Group I, IPCC
Y. Ding
Co-Chair of Working Group I, IPCC
D. J. Griggs
Head of Technical Support Unit, Working Group I, IPCC
M. Noguer
Deputy Head of Technical Support Unit, Working Group I, IPCC
P. J. van der Linden
Project Administrator, Technical Support Unit, Working Group I, IPCC
and x. Dai
Visiting Scientist, Technical Support Unit, Working Group I, IPCC

This IPCC Working Group I report brings us completely up-to-date on the full range of scientific aspects of climate change. It will be invaluable for researchers, students, and policymakers, and will form the standard reference for policy decisions in governments and industry for many years to come.

Climate Change 2001: Mitigation
Contribution of Working Group III to the Third Assessment Report of the IPCC
Edited by Bert Metz
Co-chair, Working Group III of the IPCC, Head International Environmental Assessments National Institute of Public Health and Environment (RIVM), Netherlands
Ogunlade Davidson
Rob Swart
and Jiakua Pan
Working Group III of the IPCC

This IPCC Working Group III volume is a state-of-the-art assessment of the scientific, technical, environmental, economic, and social aspects of the mitigation of climate change. It will be invaluable for researchers, students, and policymakers, and will form a standard reference work for many years to come.

Climate Change 2001: Impacts, Adaptation, and Vulnerability
Contribution of Working Group II to the Third Assessment Report of the IPCC
Edited by James J. McCarthy
Museum of Comparative Zoology, Harvard University
Osvaldo F. Canziani
The National Universities of La Plata and Comahue, Argentina
Neil A. Leary
David J. Dokken
and Kasey S. White
IPCC Working Group II Technical Support Unit

This IPCC Working Group II volume brings us completely up-to-date on the vulnerability of socio-economic and natural systems to climate change. It will be invaluable for researchers, students, and policymakers, and will form the standard scientific reference for policy decisions in governments and industry for many years to come.

Climate Change 2001: Impacts, Adaptation, and Vulnerability
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and Jiakua Pan
Working Group III of the IPCC

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US National Assessment Reports

Climate Change Impacts on the United States – Overview Report
Edited by National Assessment Synthesis Team

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A
- Agriculture: The Potential Consequences of Climate Variability and Change for the United States, 10
- Air-Sea Interaction, 5
- An Introduction to Atmospheric Physics, 10
- An Introduction to Atmospheric Thermodynamics, 10
- An Introduction to Radiative Transfer, 11
- Andel, Tjeerd H. van, 2
- Andersen, Lykke, 14
- Anderson, Greg, 3
- Andrews, David G., 10
- Antarctic Science, 19
- Applied Environmental Economics, 14
- Atmospheric Modeling, Data Assimilation and Predictability, 11
- Atmospheric Pollution, 1
- Aviation and the Global Atmosphere, 9

B
- Basic Physical Chemistry for the Atmospheric Sciences, 3
- Bateman, Ian J., 14
- Batson, Raymond, 18
- Bence, S. J., 17
- Bengtsson, Lennart O., 7
- Bennett, Andrew F., 5
- Benvenisti, Eyal, 15
- Bertozzi, Andrea L., 17
- Bigg, Grant R., 6
- Billingham, J., 17
- Binmore, Ken, 17
- Biodiversity, Sustainability and Human Communities, 14
- Blochl, Günter, 5
- Bogardi, Janos, 5
- Bolin, Bert, 9
- Bonnor, Norman, 6
- Boyd, T. J. M., 11
- Brainard, Juli S., 14
- Brin, V. N., 13
- Brown, John, 4
- Bruzelius, Nils, 19
- Bryant, Edward, 6, 8
- Burroughs, William, 7
- Burroughs, William James, 8

C
- Cairns, R. Alan, 13
- Calculus: Concepts and Methods, 17
- Cambridge Dictionary of Scientists, The, 18
- Cambridge Encyclopedia of the Sun, The, 18
- Cambridge Encyclopedia of the Solar System, The, 18
- Cambridge Encyclopedia of the Universe, The, 18
- Cambridge Scientific Minds, 18
- Campbell, Bruce A., 16
- Caccia, R. J., 9
- Cahn, Nicholas, 9
- Carbon Cycle, The, 7
- Carbon Cycle: Into the 21st Century, 8
- Carbon Cycle, The, 7
- Carrington, Alan, 4
- Carter, Neil, 14
- Cation Binding by Humic Substances, 3
- Chandrasekar, V. 13, 13
- Chaos in Dynamical Systems, 16
- Clark, William C., 14
- Climate Change, 8
- Climate Change 2001: Impacts, Adaptation, and Vulnerability, 9
- Climate Change 2001: Mitigation, 9
- Climate Change 2001: Synthesis Report, 8
- Climate Change 2001: The Scientific Basis, 9
- Climate Change Impacts on the United States - Foundation Report, 10
- Climate Change Impacts on the United States - Overview Report, 9
- Climate for Change, 15
- Climate: Into the 21st Century, 7
- Climate Process and Change, 8
- Coastal Processes with Engineering Applications, 16
- Coasts, 16
- Cole, Daniel H., 15
- Courtillot, Vincent, 18
- Courtney, C. T., 6

D
- Dagan, Gedoem, 5
- Dai, X., 9
- Dalrymple, Robert A., 16
- Dam, Jan C. van, 5
- Data Analysis with Excel® 17
- Davidson, Ogunlade, 9
- Davidson, Ogunlade R., 9
- Davies, Joan, 17

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