

Dessler Cambridge University Press

The Science and Politics of Global Climate Change
 The Science and Politics of Global Climate Change
 From Crust to Core
 Statistical Methods for Climate Scientists
 Climate Change: Global Risks, Challenges and Decisions
 Stratospheric Ozone Depletion and Climate Change
 Understanding Environmental Pollution
 Introduction to Modern Climate Change
 Strategic Human Resource Management: Volume 1
 The High-Latitude Ionosphere and its Effects on Radio Propagation
 Introduction to Modern Climate Change
 Weather
 Creative (Climate) Communications
 Ionospheres
 Pandora's Toolbox
 Regions and Powers
 Causation in International Relations
 Surface Temperature Reconstructions for the Last 2,000 Years
 Climate Change
 Expanding the Zone of Peace?
 The Orchids
 Global Warming
 Climate Mathematics
 An Introduction to Atmospheric Physics
 Social Theory of International Politics
 The Science and Politics of Global Climate Change
 Designing Social Inquiry
 Electric Currents in Geospace and Beyond
 Physics of the Jovian Magnetosphere
 Introduction to Modern Climate Change
 Unsettled
 Thriving on Our Changing Planet: A Decadal Strategy for Earth Observation from Space
 Statistical Analysis of Climate Extremes
 Climate Change in Practice
 Justice and the Genesis of War
 Physics and Chemistry of the Upper Atmosphere
 History and Neorealism
 Case Studies and Theory Development in the Social Sciences
 The Law of the Sea and Climate Change

Dessler Cambridge University Press

Downloaded from data.avac.org by guest

ASHLEY MATHEWS

[The Science and Politics of Global Climate Change](#) Springer

A valuable reference work for those doing research in magnetospheric physics and related disciplines.

The Science and Politics of Global Climate Change Cambridge University Press

We live on a dynamic Earth shaped by both natural processes and the impacts of humans on their environment. It is in our collective interest to observe and understand our planet, and to predict future behavior to the extent possible, in order to effectively manage resources, successfully respond to threats from natural and human-induced environmental change, and capitalize on the opportunities "social, economic, security, and more" that such knowledge can bring. By continuously monitoring and exploring Earth, developing a deep understanding of its evolving behavior, and characterizing the processes that shape and reshape the environment in which we live, we not only advance knowledge and basic discovery about our planet, but we further develop the foundation upon which benefits to society are built. *Thriving on Our Changing Planet: A Decadal Strategy for Earth Observation from Space* (National Academies Press, 2018) provides detailed guidance on how relevant federal agencies can ensure that the United States receives the maximum benefit from its investments in Earth observations from space, while operating within realistic cost constraints. This short booklet, designed to be accessible to the general public, provides a summary of the key ideas and recommendations from the full decadal survey report.

[From Crust to Core](#) Cambridge University Press

[Introduction to Modern Climate Change](#) Cambridge University Press

[Statistical Methods for Climate Scientists](#) Cambridge University Press

This accessible book challenges and provokes readers by posing a series of topical questions concerning climate change and society. With topic summaries, practical exercises, case studies and various online resources, it is ideal for students of geography, natural science, engineering and economics, and practitioners in the climate service industry.

[Climate Change: Global Risks, Challenges and Decisions](#) Royal Society of Chemistry

The second edition of Dessler and Parson's acclaimed book provides an integrated treatment of the science, technology, economics, policy, and politics of climate change. Aimed at the educated non-specialist, and at courses in environmental policy or climate change, the book clearly lays out the scientific foundations of climate change, the issues in current policy debates, and the interactions between science and politics that make the climate change debate so contentious and confusing. This new edition is brought completely up to date to reflect the rapid movement of events related to climate change. In addition, all sections have been improved, in particular a more thorough primer on the basic science of climate change is included. The book also now integrates the discussion of contrarian claims with the discussion of current scientific knowledge; extends the discussion of cost and benefit estimates; and provides an improved glossary.

[Stratospheric Ozone Depletion and Climate Change](#) Introduction to Modern Climate Change

The use of case studies to build and test theories in political science and the other social sciences has increased in recent years. Many scholars have argued that the social sciences rely too heavily on quantitative research and formal models and have attempted to develop and refine rigorous methods for using case studies. This text presents a comprehensive analysis of research methods using case studies and examines the place of case studies in social science methodology. It argues that case studies, statistical methods, and formal models are complementary rather than competitive. The book explains how to design case study research that will produce results useful to policymakers and emphasizes the importance of developing policy-relevant theories. It offers three major contributions to case study methodology: an emphasis on the importance of within-case

analysis, a detailed discussion of process tracing, and development of the concept of typological theories. *Case Studies and Theory Development in the Social Sciences* will be particularly useful to graduate students and scholars in social science methodology and the philosophy of science, as well as to those designing new research projects, and will contribute greatly to the broader debate about scientific methods.

Understanding Environmental Pollution Cambridge University Press

Presents findings from the 5th Assessment Report of the Intergovernmental Panel on Climate Change in easy to understand language and graphics.

[Introduction to Modern Climate Change](#) National Academies Press

Providing an up-to-date synthesis of all knowledge relevant to the climate change issue, this book ranges from the basic science documenting the need for policy action to the technologies, economic instruments and political strategies that can be employed in response to climate change. Ethical and cultural issues constraining the societal response to climate change are also discussed. This book provides a handbook for those who want to understand and contribute to meeting this challenge. It covers a very wide range of disciplines - core biophysical sciences involved with climate change (geosciences, atmospheric sciences, ocean sciences, ecology/biology) as well as economics, political science, health sciences, institutions and governance, sociology, ethics and philosophy, and engineering. As such it will be invaluable for a wide range of researchers and professionals wanting a cutting-edge synthesis of climate change issues, and for advanced student courses on climate change.

Strategic Human Resource Management: Volume 1 Cambridge University Press

Highly acclaimed textbook on the science, economics, and policy of modern climate change, for both science students and non-science majors.

The High-Latitude Ionosphere and its Effects on Radio Propagation Columbia University Press

Explores how the law of the sea can develop in support of the objectives of the United Nations climate regime.

[Introduction to Modern Climate Change](#) Cambridge University Press

Kozhemiakin examines the impact of democratization on the foreign policy of transitional regimes. On the basis of the case studies of four currently democratizing nations (Russia, Ukraine, Serbia and Hungary) and a quantitative analysis of several dozen contemporary and historical cases of democratization, the book challenges the frequently made assumption that international peace is invariably strengthened by the process of democratization.

[Weather](#) Cambridge University Press

A multitude of processes that operate in the upper atmosphere are revealed by detailed physical and mathematical descriptions of the interactions of particles and radiation, temperatures, spectroscopy and dynamics.

Cambridge University Press

Understanding Environmental Pollution systematically introduces pollution issues to students and others with little scientific background. The first edition received excellent reviews, and the new edition has been completely refined and updated. The book moves from the definition of pollution and how pollutants behave, to air and water pollution basics, pollution and global change, solid waste, and pollution in the home. It also discusses persistent and bioaccumulative chemicals, and pesticides, and it places greater stress on global pollutants. The relationship between energy generation and use, and pollution is stressed, as well as the importance of going beyond pollution control, to pollution prevention. Impacts on human and environmental health are emphasized throughout. Students are often invited to come to their own conclusions after having been presented with a variety of opinions. This textbook provides the basic concepts of pollution, toxicology and risk assessment for non-science majors as well as environmental science students.

Creative (Climate) Communications Princeton University Press

Looks at the structure, classification, evolution, and ecology of orchids, including the methods they have developed to manipulate pollinating insects

Ionospheres Cambridge University Press

Reaching net zero emissions will not be the end of the climate struggle, but only the end of the beginning. For centuries thereafter, temperatures will remain elevated; climate damages will continue to accrue and sea levels will continue to rise. Even the urgent and utterly essential task of reaching net zero cannot be achieved rapidly by emissions reductions alone. To hasten net zero and minimize climate damages thereafter, we will also need massive carbon removal and storage. We may even need to reduce incoming solar radiation in order to lower unacceptably high temperatures. Such unproven and potentially risky climate interventions raise mind-blowing questions of governance and ethics. Pandora's Toolbox offers readers an accessible and authoritative introduction to both the hopes and hazards of some of humanity's most controversial technologies, which may nevertheless provide the key to saving our world.

Pandora's Toolbox Cambridge University Press

In recent years, several new concepts have emerged in the field of stratospheric ozone depletion, creating a need for a concise in-depth publication covering the ozone-climate issue. This monograph fills that void in the literature and gives detailed treatment of recent advances in the field of stratospheric ozone depletion. It puts particular emphasis on the coupling between changes in the ozone layer and atmospheric change caused by a changing climate. The book, written by leading experts in the field, brings the reader the most recent research in this area and fills the gap between advanced textbooks and assessments.

Regions and Powers Cambridge University Press

Climate Change is geared toward a variety of students and general readers who seek the real science behind global warming. Exquisitely illustrated, the text introduces the basic science underlying both the natural progress of climate change and the effect of human activity on the deteriorating health of our planet. Noted expert and author Edmond A. Mathez synthesizes the work of leading scholars in climatology and related fields, and he concludes with an extensive chapter on energy production, anchoring this volume in economic and technological realities and suggesting ways to reduce greenhouse-gas emissions. Climate Change opens with the climate system fundamentals: the workings of the atmosphere and ocean, their chemical interactions via the carbon

cycle, and the scientific framework for understanding climate change. Mathez then brings the climate of the past to bear on our present predicament, highlighting the importance of paleoclimatology in understanding the current climate system. Subsequent chapters explore the changes already occurring around us and their implications for the future. In a special feature, Jason E. Smerdon, associate research scientist at Lamont-Doherty Earth Observatory of Columbia University, provides an innovative appendix for students.

Causation in International Relations Cambridge University Press

Studies of the causes of wars generally presuppose a 'realist' account of motivation: when statesmen choose to wage war, they do so for purposes of self-preservation or self-aggrandizement. In this book, however, David Welch argues that humans are motivated by normative concerns, the pursuit of which may result in behaviour inconsistent with self-interest. He examines the effect of one particular type of normative motivation - the justice motive - in the outbreak of five Great Power wars: the Crimean war, the Franco-Prussian war, World War I, World War II, and the Falklands war. Realist theory would suggest that these wars would be among the least likely to be influenced by considerations other than power and interest, but the author demonstrates that the justice motive played an important role in the genesis of war, and that its neglect by theorists of international politics is a major oversight.

Surface Temperature Reconstructions for the Last 2,000 Years National Academies Press

This book develops the idea that since decolonisation, regional patterns of security have become more prominent in international politics. The authors combine an operational theory of regional security with an empirical application across the whole of the international system. Individual chapters cover Africa, the Balkans, CIS Europe, East Asia, EU Europe, the Middle East, North America, South America, and South Asia. The main focus is on the post-Cold War period, but the history of each regional security complex is traced back to its beginnings. By relating the regional dynamics of security to current debates about the global power structure, the authors unfold a distinctive interpretation of post-Cold War international security, avoiding both the extreme oversimplifications of the unipolar view, and the extreme deterritorialisations of many globalist visions of a new world disorder. Their framework brings out the radical diversity of security dynamics in different parts of the world.

Climate Change Cambridge University Press

An accessible introduction to statistical methods for students in the climate sciences.

Best Sellers - Books :

- [The Five-star Weekend By Elin Hilderbrand](#)
- [We'll Always Have Summer \(the Summer I Turned Pretty\)](#)
- [Lessons In Chemistry: A Novel](#)
- [Dog Man: Twenty Thousand Fleas Under The Sea: A Graphic Novel \(dog Man #11\): From The Creator Of Captain Underpants By Dav Pilkey](#)
- [The Ballad Of Songbirds And Snakes \(a Hunger Games Novel\) \(the Hunger Games\) By Suzanne Collins](#)
- [Beyond The Story: 10-year Record Of Bts By Bts](#)
- [Haunting Adeline \(cat And Mouse Duet\)](#)
- [Hunting Adeline \(cat And Mouse Duet\)](#)
- [Daisy Jones & The Six: A Novel By Taylor Jenkins Reid](#)
- [A Court Of Frost And Starlight \(a Court Of Thorns And Roses, 4\) By Sarah J. Maas](#)