



The Future of the World's Climate

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This new edition (formerly titled *Future Climates of the World*) offers a state-of-the-art overview—based on the latest climate science modelling data and projections available—of our understanding of future climates.

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AUDIENCE

Primary: geosciences, life science, social science, and engineering;

Secondary: instructors and students at the undergraduate and graduate levels studying climatology, atmospheric science, oceanography, geology, environmental science and engineering, ecology, and political science.

"A very readable and informative book, which I highly recommend to those who are active in climate research and its political implications"--**Paul Crutzen, Nobel Laureate**

"Steve Schneider, the founder of the interdisciplinary journal *Climatic Change*, would have loved this book, which sets climate prediction in the broadest perspective. An essential reference for understanding what is at stake."--**Jean-Pascal van Ypersele, Intergovernmental Panel on Climate Change (IPCC) Vice-chair, Professor at the Earth and Life Institute, Université catholique de Louvain, Belgium**

KEY FEATURES

- 18 new and contemporary chapters bring climate science up to date beyond the IPCC Fourth Assessment Report
- Peer-reviewed content written by globally recognized climate scientists and policy practitioners
- More than 300 tables, diagrams, illustrations, and photographs capture climatic conditions globally, regionally, and locally
- Very broad coverage – extending the scope of the IPCC reports to include astronomical and geophysical climate science as well as making recommendations for elements of climate change that should be included in future assessments
- Wide accessibility – written for any scientist interested in climate change

DESCRIPTION

The Future of the World's Climate is dedicated to Stephen H. Schneider, a world leader in climate interpretation and communication. In his honour this book adds detail, encourages conceptual understanding, and reduces uncertainty in future climate predictions.

The Future of the World's Climate summarizes our current understanding of climatic prediction and examines how that understanding depends on a keen grasp of integrated Earth system models and human interactions with climate. This book brings climate science up to date beyond the IPCC Fourth Assessment Report

RELATED TITLES

1. **An Introduction to Dynamic Meteorology, 4e;** 9780123540157; James R. Holton; March 2004; \$79.95; 6 x 9; Hardcover; 535 pages; B&W; Textbook.
2. **Ocean Circulation and Climate;** 9780126413519; Gerold Siedler; April 2001; \$137.00; 8.5 x 11; Hardcover; 714 pages; B&W; Reference.
3. **Atmosphere, Ocean, and Climate Dynamics;** 9780125586917; John Marshall and Alan Plumb; December 2007; \$76.95; 7 x 10; Hardcover; 324 pages; Four-color; Textbook.
4. **Climate Change;** 9780444533012; Trevor Letcher; June 2009; \$90.00; 6 x 9; Hardcover; 444 pages; Four-color insert; Reference.

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