

# PREDICTION

## Science, Decision Making, and the Future of Nature

*Edited by Daniel Sarewitz, Roger A. Pielke, Jr., and Radford Byerly, Jr.*

THE BOOK:

- provides an overview of predictive science from historical, scientific, political, and behavioral perspectives
- offers case studies of the use and misuse of scientific predictions on subjects ranging from asteroids to nuclear waste disposal
- proposes a practical analytical framework for the use of predictive science in setting policy
- recommends actions and policies that can increase the likelihood of effective decisions

CONTRIBUTORS

Clark Chapman	Naomi Oreskes
Charles Herrick	Daniel Metlay
Ronald D. Brunner	Stanley Changnon
Dale Jamieson	Donald Gautier
William H. Hooke	Robert Moran
Orrin Pilkey	Joanne Nigg
Steve Rayner	Thomas Stewart

400 pages • tables, figures, index • Available April 2000  
 Hardcover: \$60.00 ISBN: 1-55963-775-7  
 Paperback: \$29.50 ISBN: 1-55963-776-5

The idea that predictive science can simplify the decision-making process by creating a clearer picture of the future is deeply appealing in principle, but deeply problematic in practice.

*Prediction* offers a fascinating and wide-ranging look at the interdependent scientific, political, and social factors involved in using science-based predictions to guide policy making. Through ten detailed case studies, it explores society's efforts to generate reliable scientific information about complex natural systems and to use that information in making sound policy decisions.

*Prediction* is the first book to look at the numerous and varied scientific, social, and political factors involved in making and using predictions relevant to a wide range of current environmental controversies and challenges. It provides much-needed context for understanding predictions and scientific pronouncements, and is an important work for anyone concerned with interactions between science and policy making.

**Daniel Sarewitz** is senior research scholar at Columbia University's Center for Science, Policy, and Outcomes and author of *Frontiers of Illusion* (Temple University Press, 1996).

**Roger A. Pielke, Jr.**, is a scientist with the Environmental and Societal Impacts Group at the National Center for Atmospheric Research in Boulder, Colorado.

**Radford Byerly, Jr.**, now retired, was chief of staff of the Science, Space, and Technology Committee of the U.S. House of Representatives.

Send orders to: **ISLAND PRESS, Dept. 2AU, P.O. Box 7, Covelo, CA 95428**

Yes, I would like to order *Prediction* by Sarewitz *et al.*:  
 \_\_\_\_\_ hardcover copies @ \$60.00 each (ISBN: 1-55963-775-7)  
 \_\_\_\_\_ paperback copies @ \$29.50 each (ISBN: 1-55963-776-5)

Please add \$5.75 for shipping for the first book, \$2.00 for each additional book. California residents add 7.25% tax; Washington, D.C. residents add 5.75% tax.

For inquiries or to order by phone, call **1-800-828-1302**, M.-F., 8:00 A.M. - 5:00 P.M., Pacific Coast Time.

Outside of the U.S. and Canada, call **707-983-6432**

Fax orders to **707-983-6414**

Order online at **www.islandpress.org**

Send e-mail orders to **orders@islandpress.org**

Send inquiries to **service@islandpress.org**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Enclosed is my check.

Please charge to my:  Visa  MasterCard  American Express

Card #: \_\_\_\_\_

Exp. Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Daytime Phone # or Email: \_\_\_\_\_  
 (in case we have a question about your order)