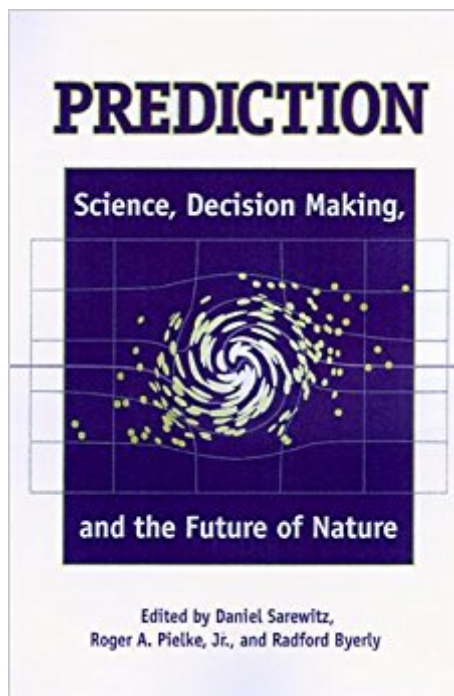




**Ebook Directory**  
the best source of ebook

The book was found

# Prediction: Science, Decision Making, And The Future Of Nature



## Synopsis

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. 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 include Clark Chapman, Charles Herrick, William H. Hooke, Orrin Pilkey, Steve Rayner, Naomi Oreskes, Daniel Metlay, Stanley Changnon, Donald Gautier, Robert Moran, Joanne Nigg, and Thomas Stewart. "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.

## Book Information

Paperback: 400 pages

Publisher: Island Press; First Paperback Edition edition (April 1, 2000)

Language: English

ISBN-10: 1559637765

ISBN-13: 978-1559637763

Product Dimensions: 6 x 0.7 x 9 inches

Shipping Weight: 15.2 ounces

Average Customer Review: 4.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #765,628 in Books (See Top 100 in Books) #219 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Pollution](#) #1168 in [Books > Textbooks > Science & Mathematics > Environmental Studies](#) #2617 in [Books > Textbooks > Social Sciences > Political Science > Public Policy](#)

## Customer Reviews

This book of 18 essays is organized into six sections that undertake the following ambitious tasks: (1) providing some insight into the nature and limits of scientific prediction; (2) assessing the successes, failures, and mixed results of predictions about weather, floods, asteroid/comet impacts, and earthquakes; (3) examining how political considerations can affect predictions about beach erosion, mining impacts, and groundwater movement at a proposed nuclear waste site; (4) considering how various types of uncertainty have affected predictions about oil and gas reserves, the effects of acid rain, and climate change policy; (5) looking at some of the tensions and interactions between science-based predictions and human decision-making that raise or pose complex social and political issues; and (6) offering a synopsis of various lessons learned from the essays in the book. The book does not provide a simple or casual look at the subject of predictions. The essays are somewhat technical in nature, and are written in a style that assumes the reader has at least some training in, or experience with, science and the scientific method. But, the overall quality of the essays is good and makes it worth the reader's effort to work his or her way through the technical details. Whether or not you agree with the arguments and conclusions about scientific predictions presented by the authors of the various essays, they raise important questions about the nature of predictions, identify significant limits to predictions, make many interesting observations about the use and misuse of predictions in various fields, and point out the need for a thoughtful approach to understanding and applying scientific predictions. This book is worth reading by scientific professionals interested in the process of making scientific predictions, as well as elected officials, government personnel, and concerned citizens wanting to be better informed about how to understand and evaluate predictions made in connection with public policy issues.

Buen producto

[Download to continue reading...](#)

Prediction: Science, Decision Making, and the Future of Nature Soap Making: 365 Days of Soap Making: 365 Soap Making Recipes for 365 Days (Soap Making, Soap Making Books, Soap Making for Beginners, Soap Making Guide, ... Making, Soap Making Supplies, Crafting) Soap Making: 365 Days of Soap Making (Soap Making, Soap Making Books, Soap Making for Beginners, Soap Making Guide, Soap Making Recipes, Soap Making Supplies): Soap Making Recipes for 365 Days CRITICAL THINKING: A Beginner's Guide To Critical Thinking, Better Decision Making, And Problem Solving ! ( critical thinking, problem solving, strategic thinking, decision making) Critical Thinking: Decision Making with Smarter Intuition and Logic! (Critical Thinking, Decision Making, Logic, Intuition) Decision Making in Medicine: An Algorithmic Approach, 3e (Clinical Decision

Making Series) The Ultimate Soap Making Guide: Unique Soap Making Recipes & Complete Soap Making Guide for Beginners (Soap Making at Home, Soapmaking Guide, Soap Making Recipes, Soap Making Book) Decision Traps: The Ten Barriers to Decision-Making and How to Overcome Them What's Your Decision?: How to Make Choices with Confidence and Clarity: An Ignatian Approach to Decision Making Strategic Decision Making: Multiobjective Decision Analysis with Spreadsheets The Signal and the Noise: The Art and Science of Prediction Superforecasting: The Art and Science of Prediction by Philip E. Tetlock and Dan Gardner | Key Takeaways, Analysis & Review Superforecasting: The Art and Science of Prediction Science of Survival: Prediction of Human Behavior The Mystery of the Shemitah: The 3,000-Year-Old Mystery That Holds the Secret of America's Future, the World's Future, and Your Future! The Second Decision:: the QUALIFIED entrepreneur TM (Decision Series for Entrepreneurs) La decision/ The Decision (Spanish Edition) Live And Retire In Panama: Your Reference Guide For Making The Decision To Making The Move The Science of Attorney Advocacy: How Courtroom Behavior Affects Jury Decision Making (Law and Public Policy: Psychology and the Social Sciences) An Introduction to Management Science: Quantitative Approaches to Decision Making, Revised (with Microsoft Project and Printed Access Card)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)