

Contributors

MATTHEW T. HOLT, associate professor of agricultural and resource economics at North Carolina State University, received a Ph.D. in agricultural economics from the University of Missouri. Previously, Dr. Holt was employed by Iowa State University and the University of Wisconsin. His current research interests include the role of risk and information in agricultural production and resource allocation decisions, and the role of dynamics in managed populations and agricultural markets. His publications include work on rational expectations modeling, the role of risk and uncertainty in the presence of government price support and supply management interventions, and the potential for nonlinear dynamics in agricultural markets.

STANLEY R. JOHNSON is C.F. Curtiss Distinguished Professor in agriculture and director of the Center for Agricultural and Rural Development (CARD), department of economics, Iowa State University. Previously, Dr. Johnson was employed at the University of Missouri, University of California–Berkeley, Purdue University, University of California–Davis, University of Georgia, and University of Connecticut. His related interests are in agriculture sector and trade policy, food and nutrition policy, and natural resources and environmental policy. His work prior to and at CARD has emphasized analysis of policy processes and the use of analytical systems to evaluate policy options. He has authored the following books: *Advanced Econometric Methods, Demand Systems Estimation: Methods and Applications*, and *Agricultural Sector Models for the United States: Descriptions and Selected Policy Applications*. He has co-authored several books, of which *Conservation of Great Plains Ecosystems: Current Science, Future Options* is the most recent.

RICHARD W. KATZ, senior scientist and deputy head of the Environmental and Societal Impacts Group at the National Center for Atmospheric Research (NCAR), received a Ph.D. in statistics from Pennsylvania State University. Previously, Dr. Katz was employed by Oregon State University and the National Oceanic and Atmospheric Administration. His research interests focus on the application of probability and statistics to atmospheric and related sciences and to assessing the societal impact of weather and

climate. He has been active in promoting multidisciplinary research, especially through collaboration between statistical and atmospheric scientists. His publications include the co-edited books *Teleconnections Linking Worldwide Climate Anomalies* and *Probability, Statistics, and Decision Making in the Atmospheric Sciences*. NCAR is sponsored by the National Science Foundation.

ALLAN H. MURPHY is a principal of Prediction and Evaluation Systems (Corvallis, Oregon) and professor emeritus at Oregon State University. He was awarded M.A. and Ph.D degrees in mathematical statistics and atmospheric sciences, respectively, by the University of Michigan. Previously, Dr. Murphy was employed at the National Center for Atmospheric Research, the University of Michigan, and Travelers Research Center (Hartford, Connecticut). He has held visiting appointments at various universities and research institutes in the United States, Europe, and Asia. His research interests focus on the application of probability and statistics to atmospheric sciences, with particular emphasis on probability forecasting, forecast verification, and the use and value of forecasts. Dr. Murphy's publications include approximately 150 papers in the refereed literature across several fields. His co-edited volumes include *Weather Forecasting and Weather Forecasts: Models, Systems, and Users* and *Probability, Statistics, and Decision Making in the Atmospheric Sciences*.

THOMAS R. STEWART, director for research, Center for Policy Research, University at Albany, State University of New York, received a Ph.D. in psychology from the University of Illinois. Previously, Dr. Stewart was employed at the Graduate School of Public Affairs and the Center for Research on Judgment and Policy at the University of Colorado and the Environmental and Societal Impacts Group at the National Center for Atmospheric Research. His research interests focus on the application of judgment and decision research to problems involving scientific and technical expertise and public policy, including studies of regional air quality policy, visual air quality judgments, use of weather forecasts in agriculture, risk analysis, scientists' judgments about global climate change, management of dynamic systems, and the judgments of expert weather forecasters.

JOSEPH J. TRIBBIA is senior scientist and head of the global dynamics section of the Climate and Global Dynamics Di-

vision at the National Center for Atmospheric Research (NCAR). He received a Ph.D. in atmospheric sciences from the University of Michigan. His work at NCAR has focused on the numerical simulation of the atmosphere and geophysically relevant flows. His research includes work on the application of dynamical systems theory in atmospheric dynamics, the problems of atmospheric data analysis and numerical weather prediction, and most recently the simulation and prediction of El Niño–Southern Oscillation. He serves as an editor of the *Journal of the Atmospheric Sciences*. NCAR is sponsored by the National Science Foundation.

DANIEL S. WILKS is associate professor in the department of soil, crop, and atmospheric sciences at Cornell University. He received a Ph.D. in atmospheric sciences from Oregon State University. His research involves primarily applications of probability and statistics to meteorological and climatological problems, and to weather- and climate-sensitive areas such as agriculture. He is author of the recently published textbook *Statistical Methods in the Atmospheric Sciences*.

