

Contributors

Brian J. L. Berry is the Lloyd Viel Berkner Regental Professor and Professor of Political Economy at the University of Texas at Dallas. He is widely published in the area of urban economics and geography. His most recent research examines the role that economic long cycles play in technological and other social transformations. His most recent publications include *Long-Wave Rhythms in Economic Development and Political Behavior* (1991) and *America's Utopian Experiments* (1992). Professor Berry is a member of The National Academy of Sciences.

Thad A. Brown is Professor of Political Science at the University of Missouri–Columbia. His recent work has focused on the modeling of political phenomena using innovative new methodologies for dealing with complex nonlinear systems. He is the author of *Migration and Politics* (1988) and has published in *British Journal of Political Science* and *Western Political Quarterly*, to name just a few.

Kenyon B. De Greene is currently Professor in the Institute of Safety and System Management at the University of Southern California. He has also worked at RAND, Northrop, and other corporations. He has published extensively; his books include *Sociotechnical Systems: Factors in Analysis, Design, and Management* (1973) and *The Adaptive Organization: Anticipation and Management of Crisis* (1982). He is also editor of the recently published *A Systems Based Approach to Policymaking* (1993).

Dimitrios S. Dendrinos is Professor and Head of The Urban and Transportation Dynamics Laboratory at the University of Kansas. His research has primarily addressed the applications of nonlinear dynamics to population dynamics. He is the author of *The Dynamics of Cities* (1993) and the coauthor of *Urban Evolution* (1985) and *Chaos and Socio-Spatial Dynamics* (1990), as well as over 100 papers on chaos and socio-spatial sciences.

Euel Elliott is Associate Professor of Government, Politics, and Political Economy, and Director of the Master of Public Affairs program at the University of Texas at Dallas. His research interests span a number of areas, including electoral behavior, public opinion, and regulatory policy making. A recurring theme is the nature and dynamics of political change. His work has appeared in *Social Science Quarterly*, *Western Political Quarterly*, and *Journal of Theoretical Politics*. He is also the author of *Issues and Elections* (1989) and coauthor of *Controversies in Political Economy: Canada, Great Britain and the United States* (1992).

David L. Harvey is Professor of Sociology at the University of Nevada, Reno. He has written in the areas of alienation and reification, Marxist political economy, and poverty. He has recently published an ethnography of a poor white community, *Potter Addition: Poverty, Family, and Kinship in a Heartland Community*, and is presently completing the second volume of that work, a social history of Potter Addition. Current research interests include the exploration of social evolution and Marxist political economy using the theories and modeling tools of deterministic chaos theory.

Ted Jaditz is an economist at the United States Bureau of Labor Statistics. He is a past president of the Society for Nonlinear Dynamics and Econometrics, and has published widely on nonlinear time series, seasonality, and forecasting.

L. Douglas Kiel is Associate Professor of Public Administration and Political Economy at the University of Texas at Dallas. His research involves applications of chaos theory to the social sciences and to organizational change. His articles have appeared in *Journal of Public Administration Research and Theory*, *Public Administration Review*, and *Social Science Quarterly*. His book *Managing Chaos and Complexity in Government: A New Paradigm for Managing Change, Innovation, and Organizational Renewal* (1994) received the best book award for 1994–95 from the public and non-profit sector division of the Academy of Management.

Heja Kim received her doctorate in political economy in 1988 from the University of Texas at Dallas. Since then, she has worked as a postdoctoral fellow in the School of Social Sciences. Her research interests lie mainly in the analysis of long economic cycles. She has, with Brian Berry, coauthored articles that have appeared in *Technological Forecasting and Social Change*. Along with Brian Berry and colleagues at the University of Texas at Dallas, she is completing a book manuscript that takes an in-depth look at the relationship between long waves and social and political outcomes.

Michael McBurnett holds a Ph.D. in Political Science from Washington University and is currently an executive with Illinois Power Company. In 1991 his dissertation was nominated for the prestigious E. E. Schattschneider award. His articles have appeared in the *American Political Science Review*, *American Journal of Political Science*, and *Public Opinion Quarterly*.

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Alvin M. Saperstein is Professor of Physics at Wayne State University in Detroit, Michigan, and Fellow of its Center for Peace and Conflict Studies. Saperstein was among the first natural scientists to apply nonlinear dynamics to social and political phenomena, such as international arms races. His work has appeared in *Nature*, *The Journal of Conflict Resolution*, and *Mathematical and Computer Modeling*, in addition to numerous articles in the physics literature.