

GARRY D. BREWER

LIST OF PUBLICATIONS

2013

Books

- Organized Complexity: Empirical Theories of Political Development* (New York: Free Press, 1971). (With Ronald D. Brunner)
- Politicians, Bureaucrats and the Consultant: A Critique of Urban Problem Solving* (New York: Basic Books, 1973).
- Political Development and Change: A Policy Approach* (New York: Free Press, 1975). (With Ronald D. Brunner, eds. and contributors)
- Handicapped Children: Strategies for Improving Services* (New York: McGraw-Hill, 1979). (With James S. Kakalik)
- The War Game: A Critique of Military Problem Solving* (Cambridge, MA: Harvard University Press, 1979). (With Martin Shubik)
- The Foundations of Policy Analysis* (Homewood, IL: The Dorsey Press, 1983). (With Peter deLeon). (Republished: Belmont, CA: Brooks Cole, 1992).
- Caught Unawares: The Energy Decade in Retrospect* (Cambridge, MA: Ballinger, 1983). (With Martin Greenberger, William Hogan, and Milton Russell)
- Redirecting the Resources Planning Act* (New Haven, CT: Yale School of Forestry & Environmental Studies Bulletin #95, 1988). (With Clark Binkley and V. A. Sample, Jr.)
- Decision Making for the Environment: Social and Behavioral Science Research Priorities* (Washington, DC: National Academies Press, 2005). (With Paul Stern, eds. and contributors)
- Informing Decisions in a Changing Climate* (Washington, DC: National Academies Press, 2009). (With Robert W. Correll, Kai N. Lee, eds., and other contributors)
- Ocean Acidification: A National Strategy for Meet the Challenges of a Changing Ocean* (Washington, DC: National Academies Press, 2010). (With François Morell and others. Committee member and chapter lead author.)

Published Lectures

- An Ocean Sciences Agenda for the 1990s* (Seattle, WA: Washington Sea Grant, 1988).
The 1988 McKernan Lecture.

Resource Reconstitution (Fairfield, CT: Fairfield University, 1989). The 1987 Olin Lecture on the Environment.

Business and the Environment: A Time for Creative and Constructive Coexistence (Ann Arbor, MI: University of Michigan, School of Business Administration, 1992). The 25th Annual McNally Memorial Lecture.

Environment, Economics, and Ethics (Ann Arbor, MI: Sigma Xi, 1994). The 1993 Sigma Xi Lecture.

Environmental Challenges: Interdisciplinary Opportunities and New Ways of Doing Business (Stockholm: The MISTRA Foundation, 1995). The 1995 Swedish Foundation for Environmental Research National Lecture.

The Sustainability Generation: Preparing Future Leaders (Bergen, NJ: The Second Annual Becton Lecture, 2004).

Management Challenges in an Era of Sustainability (Bogotá, Colombia: Catedra Corona Lecture, School of Management, University de Los Andes, 2006 [CD]).

Leadership for Environmental Management and Change: Green is No Longer an Option (Bogotá, Colombia: Catedra Corona Lecture, School of Management, University de Los Andes, 2010 [CD]).

Committee, Commission, Task Force Reports

The Adequacy of Environmental Information for Outer Continental Shelf Oil and Gas Decisions: Florida and California (Washington, DC: National Academy Press, 1989). (Committee member, panel chair, contributing author)

Georges Bank: Environmental Information for Outer Continental Shelf Oil and Gas Decisions (Washington, DC: National Academy Press, 1991). (Committee member, panel chair, contributing author)

The Socioeconomics of Outer Continental Shelf Oil and Gas Decisions (Washington, DC: National Academy Press, 1992). (Panel chair, contributing author)

Assessment of the U.S. Outer Continental Shelf Environmental Studies Program (Washington, DC: National Academy Press, 1993). (Board member, panel chair, contributing author)

A Special Report to Congress and the Secretary of Energy (Washington, DC: U.S. Nuclear Waste Technical Review Board, March 1993). (Board member and contributing author)

Disposal and Storage of Spent Nuclear Fuel: Finding the Right Balance (Washington, DC: U.S. Nuclear Waste Technical Review Board, March 1996). (Board member and contributing author)

Independent Review Panel on Nuclear Waste Strategies and Management Processes for Ontario Hydro (Toronto: Ontario Hydro, May 30, 1998). (Panel member and contributing author)

Building Business Education in Wyoming: The Teton Institute for Sustainability (Cheyenne, WY: Wyoming, House, November 15, 2005). (Panel member and contributing author).

Bibliographies and Directories

“Selected Bibliography,” in Joseph LaPalombara, ed., *Bureaucracy and Political Development* (Princeton, NJ: Princeton University Press, 1967 ed.): 479-503.

“Southeast Asian Specialists of the World: A Profile and Analysis,” in Robert O. Tilman, *International Biographical Directory of Southeast Asian Specialists* (Ann Arbor, MI: Inter-University Southeast Asia Committee of the Association of Asian Studies, 1969).

“Bibliography of Social Forecasting and General Studies of the Future” (Santa Monica, CA: The RAND Corporation, May 1969, 4th rev. ed.).

The Literature of Gaming, Simulation, and Model Building: Index and Critical Abstracts (Santa Monica, CA: The RAND Corporation, R-620-ARPA, June 1972). (With Martin Shubik and Evelyn Savage)

Reviews of Selected Books and Articles on Gaming and Simulation (Santa Monica, CA: The RAND Corporation, R-732-ARPA, June 1972). (With Martin Shubik)

A Partially Annotated Bibliography of Urban Models (Bonn, West Germany: DATUM e.V., 1973).

The Greater Yellowstone Conservation Directory (Jackson, WY: Northern Rockies Conservation Cooperative and The Charture Institute, 2008, 2nd edit.).

Articles

“Counterinsurgency Training for the Navy,” *U.S. Naval Institute Proceedings*, vol. 96, no. 6 (June 1967): 136-38.

“Chieu Hoi: The Surrender Program in Vietnam,” *Air University Review*, vol. 18, no. 6 (September/October 1967): 50-60.

“The Surrender Program,” *Military Review*, vol. 67, no. 10 (October 1967): 31-36. [Republished Fall 2007.]

“Evaluation and Innovation in Urban Research,” *Proceedings of the 66th Annual Meeting of the American Political Science Association* (Washington, DC: APSA, 1971).

- “Methodological Advances in Gaming: The One-Person, Computer-Interactive, Quasi-Rigid Rule Game,” *Simulation & Games*, vol. 3, no. 3 (September 1972): 329-48.
- “Policy Analysis by Computer Simulation: The Need for Appraisal,” *Public Policy*, vol. 21, no. 3 (Summer 1973): 343-65. (With Owen P. Hall, Jr.)
- “On Innovation, Social Change, and Reality,” *Technological Forecasting and Social Change*, vol. 5, no. 1 (1973): 19-24.
- “Report of a Survey of Models, Simulations, and Games,” *Proceedings of the 31st MORS* (Annapolis, MD: Military Operations Research Society, June 1973).
- “Professionalism: The Need for Standards,” *Interfaces*, vol. 4, no. 1 (November 1973): 20-27.
- “The Policy Sciences Emerge: To Nurture and Structure a Discipline,” *Policy Sciences*, vol. 5, no. 3 (September 1974): 239-44.
- “Serving Handicapped Children: The Road Ahead,” *Child Welfare*, vol. 54, no. 4 (April 1975): 257-67. (With James S. Kakalik)
- “And the Clocks Were Striking Thirteen: The Termination of War,” *Policy Sciences*, vol. 7, no. 2 (June 1976). (With James L. Foster)
- “Documentation: An Overview and Design Strategy,” *Simulation & Games*, vol. 7, no. 3 (September 1976): 261-80.
- “The Terrorist Threat to World Nuclear Programs,” *Journal of Conflict Resolution*, vol. 21, no. 3 (September 1977): 379-403. (With Bruce G. Blair)
- “Political Process and Public Planning,” *TRANSFER*, vol. 4 (1977): 18-31. (In German)
- “Existing in a World of Institutionalized Danger,” *Yale Studies in World Public Order*, vol. 3, no. 2 (Spring 1977): 339-78.
- “Improving Gaming: The Development and Use of Scenarios,” *Proceedings of the 72nd Annual Meeting of the American Political Science Association* (Washington, DC: APSA, 1977).
- “What Ever Happened to Professionalism?” *Interfaces*, vol. 8, no. 4 (August 1978): 63-72.
- “Termination: Hard Choices—Harder Questions,” *Public Administration Review*, vol. 38, no. 4 (July/August 1978): 338-44.
- “Scientific Gaming,” *Simulation & Games*, vol. 9, no. 3 (September 1978): 309-38.
- “Operational Social Systems Modeling: Pitfalls and Prospectives,” *Policy Sciences*, vol. 10, no. 2/3 (December 1978): 157-69.
- “War Games and National Security: With a Grain of SALT,” *The Bulletin of the Atomic Scientists*, vol. 35, no. 6 (June 1979): 18-26. (With Bruce G. Blair)
- “On Duplicity,” *Simulation*, vol. 34 (April 1980): 140-43.
- “On the Theory and Practice of Innovation,” *Technology In Society*, vol. 2, no. 3 (Fall 1980): 33-63.

- “Where the Twain Meet: Reconciling Science and Politics in Analysis,” *Policy Sciences*, vol. 13, no. 3 (June 1981): 269-79.
- “Some Costs and Consequences of Large-Scale Social Systems Modeling,” *Behavioral Science*, vol. 28, no. 2 (April 1983): 166-85.
- “Security Studies and University Analysts: Who’s Thinking About Security?” *Worldview*, vol. 27, no. 2 (February 1984): 21-23. (With Paul Bracken)
- “Child of Neglect: Crisis Gaming for Politics and War,” *Orbis*, vol. 27, no. 4 (Winter 1984): 803-12.
- “Science Fiction and the Real World,” *Policy Sciences*, vol. 19, no. 1 (1986): 113-19.
- “Some Missing Pieces of the C³I Puzzle,” *Journal of Conflict Resolution*, vol. 28, no. 3 (September 1984): 45-69. (With Paul Bracken)
- “Policy Sciences, the Environment, and Public Health,” *Health Promotion*, vol. 2, no. 3 (1988): 227-37.
- “Science to Serve the Common Good,” *Environment*, vol. 39, no. 6 (July/August 1997): 25-28.
- “Closing the Gap Between Ecosystem Management and Ecosystem Science,” *Policy Sciences*, vol. 31, no. 1 (1998): 55-80. (With Joyce Berry, John C. Gordon, and David R. Patton)
- “The Theory and Practice of Interdisciplinary Work,” *Policy Sciences*, vol. 32, no. 4 (December 1999): 315-17, 319-21.
- “The Challenges of Interdisciplinarity,” *Policy Sciences*, vol. 32, no. 4 (December 1999): 327-37, 421-29.
- “The Changing World of Continuing and Professional Education,” *Continuing Higher Education Review*, vol. 64 (Fall 2000): 23-34.
- “The Sustainability Generation: Preparing Future Leaders,” *Human Ecology Review*, vol. 11, no. 3 (2004): 271-74.
- “Inventing the Future: Scenarios, Imagination, Mastery and Control,” *Sustainability Science*, vol. 2, no. 2 (October 2007): 159-77.
- “Skillful Passion: Improving Conservation Effectiveness by Building Managerial Capacity,” *Northern Rockies Conservation Cooperative Newsletter* (Spring 2009): 1-4.

Chapters in Books

- “Systems Simulation and Gaming as an Approach to Understanding Organizations,” in Arthur I. Siegal, ed., *Symposium on Computer Simulation as Related to Manpower and Personnel Planning* (Washington, DC: Bureau of Naval Personnel, July 1971): 15-33. (With Martin Shubik)

- “Experimentation and the Policy Process,” in *25th Annual Report of the RAND Corporation* (Santa Monica, CA: the RAND Corporation, 1973): 151-65.
- “Systems Simulation in the Urban Complex: Potential and Limitations,” in Willis D. Hawley and David Rogers, eds., *Improving the Quality of Urban Management*, vol. 8 (Beverly Hills, CA: Sage Publications, 1974): 151-86.
- “Serving the Deaf-Blind Population: Planning for 1980,” in Carl E. Sherrick, ed., *1980 is Now* (Los Angeles: The John Tracy Clinic, 1974): 19-23. (With James Kakalik)
- “Standards for a Social Information System,” in Dennis Meadows et al., eds., *Proceedings of the 2nd International Conference on Trends in Mathematical Modeling* (Jablonna, Poland: UNESCO, 1975). Reprinted in A. Straszak and J. W. Owsinski, eds., *New Trends in Mathematical Modeling* (Warsaw, Poland: Ossolineum for the Polish Academy of Sciences, 1978): 345-58. (In English and Polish)
- “Dealing with Complex Social Problems: The Potential of the ‘Decision Seminar’,” in Garry D. Brewer and Ronald D. Brunner, eds., *Political Development and Change: A Policy Approach* (New York: Free Press, 1975): 439-61.
- “Policy and the Study of the Future: Given Complexity, Trends or Processes?” in Garry D. Brewer and Ronald D. Brunner, eds., *Political Development and Change: A Policy Approach* (New York: Free Press, 1975): 327-44.
- “Services for Handicapped Youth,” in B. Famighetti et al., eds., *Education Yearbook 1974-1975* (New York: Macmillan Educational Corporation, 1975): 174-88. (With James S. Kakalik)
- “Analysis of Complex Systems: An Experiment and Its Implications for Policymaking,” in Todd R. LaPorte, ed., *Organized Social Complexity: Challenge to Politics and Policy* (Princeton: Princeton University Press, 1975): 175-219.
- “Responsive Behavior and Popular Decision Making: The Promise of Models,” in Harold D. Lasswell, Daniel Lerner, and John D. Montgomery, eds., *Values and Development: Appraising Asian Experiences* (Cambridge, MA: The MIT Press, 1976): 233-60.
- “Termination: Hard Choices, Harder Questions,” in U.S. Congress, Senate, Committee on Governmental Operations, *Hearings: Sunset Act of 1977* (Washington, DC: Government Printing Office, March 1977): 359-64.
- “Gaming: Prospective for Forecasting,” in Thomas Robinson and Nazli Choucri, eds., *Forecasting in International Relations* (San Francisco: W. H. Freeman, 1978): 208-22.
- “Department of Defense Modeling Effort,” in Saul I. Gass, ed., *Utility and Use of Large-Scale Mathematical Models* (Washington, DC: U.S. Department of Commerce, National Bureau of Standards, #543, May 1979): 9-14.
- ”Zur Theorie und Praxis der Innovation,” *Sozialwissenschaftliche Zwischenbilanz zu DOMINIG* [Zwischenbericht der Sozialwissenschaftlichen Geglleituntersuchung zu DOMINIG, vol. 4] (Bonn, West Germany: Institute for Applied Social Research [Infas], September 1979): 22-60. (In German)

- “Energy Research and the Formulation of Policy,” in Adrian R. Tiemann, ed., *1978 Energy Update Series* (Schenectady, NY: General Electric, Technology Evaluation Operation, 1979): 179-93.
- “Verifying SALT Agreements,” in William C. Potter, ed., *Verification and SALT: The Challenge of Strategic Deception* (Boulder, CO: Westview Press, 1980): chap. 2. (With Bruce G. Blair)
- “An International Institute of Fishery Management,” in John A. Gulland, ed., *The Scientific Basis for Determining Management Measures* (Rome: U.N. Food and Agriculture Organization, FAO Fisheries Report #236, 1980): 75-90.
- “Harold D. Lasswell and Political Science,” in *Commemoration and Continuing Commitment: Essays in Honor of Harold D. Lasswell* (New Haven and New York: Yale School of Law and The Policy Sciences Center, 1980): 22-32. (With Ronald D. Brunner)
- “The State’s Responsibilities for the Protection and Preservation of Forestry Resources,” in François Mergen, ed., *Tropical Forests: Utilization and Conservation* (New Haven: Yale School of Forestry and Environmental Studies, 1981): 103-07.
- “The Decision-Making Process and the Formulation of Marine Policies,” in Francis Hoole, Robert Friedheim and Timothy Hennesey, eds., *Marine Policy Papers* (Boulder, CO: Westview Press, 1982): 13-44.
- “Assessing Outcomes and Effects,” in Kim Cameron and David Whetton eds., *Organizational Effectiveness: A Comparison of Multiple Methods* (New York: Academic Press, 1983): 205-23.
- “The Policy Process as a Perspective for Understanding,” in Edward Zigler, S. L. Kagan, and Edgar Klugman, eds., *Children, Families, and Government* (New York: Cambridge University Press, 1983): 5-76.
- “Direction: The Coordination of Social Services,” in Jan Chambers and William Hartman, eds., *Special Education Policies: Their History, Implementation, and Finance* (Philadelphia: Temple University Press, 1983): 169-89.
- “The Management Challenges of World Fisheries,” in Brian J. Rothschild, ed., *Global Fisheries: Perspectives for the 1980s* (New York: Springer-Verlag, 1983): 195-210.
- “Industrial Policy: Disinvestment, Retrenchment, and the Evolving Role of Public and Private Institutions,” in Aaron Wildavsky and Robert Golembiewski, eds., *The Costs of Federalism* (New Brunswick, NJ: Transaction Press, 1984): 205-35.
- “The Nature of Managerial Attention,” in Lee Sproull, ed., *Advances in Information Processing in Organizations*, vol. I (Greenwich, CT: JAI Press, 1984): 29-31.
- “Does Anyone Know What’s Going On? Command and Control, the Neglected Aspect of War,” in Robert A. Coulam and Richard A. Smith, eds., *Advances in Information Processing in Organizations*, vol. II (Greenwich, CT: JAI Press, 1985): 269-85.

- “The Wider Dimensions of Management Uncertainty in World Fisheries,” in R. M. May, ed., *Exploitation of Marine Communities* (New York: Springer-Verlag, 1985): 275-85.
- “Decision Making and the Limits of Technique,” in Philip Schorr, ed., *Critical Cornerstones of Public Administration* (Boston: Oelgeschlager, Gunn & Hain, 1985): 109-18.
- “Methods for Synthesis: Policy Exercises,” in W. C. Clark and R. E. Munn, eds., *Sustainable Development of the Biosphere* (New York: Cambridge University Press, 1986): 455-73.
- “The Resources Planning Act: Strategic Planning or Policy Analysis?” in C. Binkley, G. D. Brewer, and V. A. Sample, Jr., eds., *Redirecting the Resources Planning Act* (New Haven: Yale University, FES Bulletin #95, 1988): 11-26.
- “Sustainable Development and Natural Resources Forecasting,” in C. Binkley, G. D. Brewer, and V. A. Sample, Jr., eds., *Redirecting the Resources Planning Act* (New Haven: Yale University, FES Bulletin #95, 1988): 216-29. (With William Ascher)
- “Perfect Places: NASA as an Idealized Institution,” in Radford Byerly, Jr., ed., *Space Policy Reconsidered* (Boulder, CO: Westview Press, 1989): 157-73.
- “Discovery is not Prediction,” in Andrew C. Goldberg, Debra van Opstal, and James H. Barkley, eds., *Avoiding the Brink: Theory and Practice in Crisis Management* (London: Brassey’s, 1992): chap. 6.
- “Environmental Challenges and Managerial Responses,” in Nazli Choucri, ed., *Global Commons: Environmental Challenges and International Responses* (Cambridge, MA: The MIT Press, 1993): chap. 12.
- “A Policy Sciences Perspective: Improving Implementation,” in Tim W. Clark, Richard P. Reading, and Alice L. Clarke, eds., *Endangered Species Recovery: Finding the Lessons, Improving the Process* (Washington, DC: Island Press, 1994): 391-413.
- “Introduction,” in Tim W. Clark, Denise Casey, and A. Halverson, eds., *Developing Sustainable Management Policy for the National Elk Refuge, Wyoming* (New Haven: Yale School of Forestry and Environmental Studies, Bulletin #104, 2000): 9-22.

Book Reviews

- Protest in City Politics: Rent Strikes, Housing, and the Power of the Poor*, by Michael Lipsky (Chicago: Rand McNally, 1970). Reviewed in: *Policy Sciences*, vol. 2, no. 2 (June 1971): 204-06.
- New Tools for Urban Management*, by R. S. Rosenbloom and J. R. Russell (Cambridge, MA: Harvard University Press, 1971). Reviewed in: *Science*, “Hard Lessons from the Workaday World,” vol. 176 (12 May 1972): 647-48.

- A Pre-View of Policy Sciences*, by Harold D. Lasswell (New York: American Elsevier, 1971). Reviewed in *Technological Forecasting and Social Change*, vol. 4, no. 4 (1973): 423-24.
- Computers, Science, and Society*, by F. H. George (London: Pemberton, 1970). Reviewed in: *Contemporary Sociology* (June 1973).
- Management Science*, Special Issue: "Urban Issues II." Reviewed in: *Interfaces*, "What's the Purpose? What's the Use?" vol. 4, no. 2 (February 1974): 60-74.
- The Skill Factor in Politics: Repealing the Mental Health Commitment Laws in California*, by Eugene Bardach (Berkeley: University of California Press, 1972). Reviewed in: *American Political Science Review*, vol. 69, no. 3 (September 1975): 1020-22.
- Ambiguity and Choice in Organizations*, by James March and Johan P. Olsen (Bergen, Norwegian University Press, 1976). Reviewed in: *The Journal of Politics* (November 1977).
- Organizing an Anarchy: Belief, Bureaucracy, and Politics in the National Institute of Education*, by Lee Sproull, S. Weiner, and D. Wolf (Chicago: University of Chicago Press, 1978). Reviewed in: *Policy Sciences*, vol. 12, no. 1 (June 1980): 105-08.
- The Limits of Politics: Collective Goods and Political Change in Post-Industrial Societies*, by Roger Benjamin (Chicago: University of Chicago Press, 1980). Reviewed in: *American Political Science Review*, vol. 74, no. 4 (December 1980): 1104.
- Cognitive Dynamics and International Politics*, by Christer Jonsson, ed. (New York: St. Martin's Press, 1982). Reviewed in: *Contemporary Psychology*, no. 12 (1983): 961-62.
- The Politics of Nuclear Balance: Ambiguity and Continuity in Strategic Policies*, by William Baugh (New York: Longman, 1984). Reviewed in *Political Science Quarterly* (Summer 1984): 350-51.
- Political Risk in the International Oil and Gas Industry*, by Howard L. Lax (Boulder, CO: Westview Press, 1983). Reviewed in: *The Energy Journal* (1984).
- Serving Power: The Making of the Academic Social Science Expert*, by E. T. Silva and S. A. Slaughter (Westport, CT: Greenwood Press, 1984). Reviewed in: *Political Psychology*.
- Opportunities in Chemistry*, by National Research Council, Committee to Survey Opportunities in Chemistry (Washington, DC: National Academy Press, 1985). Reviewed in: *Policy Sciences*, vol. 19, no. 1 (1986): 113-19.
- The Politics of Numbers*, by William Alonso and Paul Starr, eds. (New York: Russell Sage Foundation, 1987). Reviewed in: *Journal of Policy Analysis and Management*, vol. 8, no. 2 (1989): 24-26.
- The Politics of Federal Reorganization: Creating the U.S. Department of Education*, by Beryl A. Radin and Willis D. Hawley (New York: Pergamon Press, 1987). Reviewed in: *American Political Science Review*.

Agency Merger and Bureaucratic Redesign, by Karen M. Jult (Pittsburgh: University of Pittsburgh Press, 1987). Reviewed in: *American Political Science Review*.

Oil in Troubled Waters: Perceptions, Politics, and the Battle Over Offshore Drilling, by William R. Freudenberg and Robert Gramling (Albany, NY: State University Press of New York, 1994). Reviewed in: *Coastal Management Journal*.

Marine Mammals and the Exxon Valdez, by Thomas L. Loughlin (New York: Academic Press, 1994). Reviewed in: *BioScience*, "A Disaster of the First Order," vol. 45, no. 11 (December 1995): 6-8.

Science and Decisions: Advancing Risk Assessment, by Committee on Improving Risk Approaches Used by the U.S. EPA (Washington, DC: National Academies Press, 2009). Reviewed in *Science*, "Five 'Easy' Questions," vol. 325, no 5994 (28 August 2009): 1075-76.