

RESUME

I. PERSONAL

NAME: Duane D. Baumann

DATE OF BIRTH: August 13, 1940

PLACE OF BIRTH: Bloomington, Illinois

II. EDUCATION

<u>Institution</u>	<u>Degree</u>	<u>Years</u>	<u>Subject</u>
Illinois State University	B.S.	1958-1962	Geography
Illinois State University	M.S.	1962-1963	Geography
Clark University	Ph.D.	1963-1967	Geography

III. RESEARCH/PROFESSIONAL EXPERIENCE

College Teaching

1964- 1965	Pert-time Instructor, University of Rhode Island
1965-1966	Assistant Professor, Illinois State University
1967-1969	Assistant Professor, Southern Illinois University
1969-1970	Research Associate, Graduate School of Geography, Clark University
1970-1971	Assistant Professor, Southern Illinois University
1971-1979	Associate Professor, Southern Illinois University
1979-2004	Professor, Southern Illinois University

Other

1962-1963	Graduate Assistantship, Illinois State University
1963-1964	Research Fellowship and Graduate Assistantship, Clark University
1964-1965	Research Fellowship, Clark University
1966-1967	NDEA Assistantship, Clark University
1969-1970	Post-doctorate Fellowship, Clark University
1973-1974	Research Associate, Institute of Behavioral Science, University of Colorado
1973-1974	Research Associate, College of Geosciences, Texas A&M University
1987-2004	Executive Director, Universities Council on Water Resources

Research and Professional Experience (Continued)

- 1963 Summer. Research Assistant, Illinois State Geological Survey, Coal Section.
Research Associate with Robert W. Kates on “The Impact of the Drought on the Planning and Provision of the Municipal Water Supplies in Massachusetts.”
- 1966 Principal Investigator, “Demand for Water and Outdoor Recreation in Central Illinois, 1965-200,” presented to the U.S. Corps of Engineers, May 1966, by the Daily Pantagraph, Bloomington, Illinois.
- 1969-70 Co-Investigator with Roger Kasperson, “Community Adoption of Reuse Water,” Funded by Massachusetts Board of Higher Education.
- 1968-70 Principal Investigator, “The Tornado Hazard Study,” funded by Natural Hazards Grant to Clark University, University of Toronto, and the University of Chicago, National Science Foundation.
- 1968-70 Principal Investigator, The Urban Snow Hazard, funded by the U.S. Office of Water Resources Research.
- 1968 Representative for Southern Illinois University, Carbondale, to the annual meeting of the University Council on Water Resources.
- 1969 Chairman, Committee on Environmental Control, Board of Higher Education, State of Massachusetts, funded by the U.S. Higher Education Act, 1969-1970.
- 1969-70 Research associate in Collaborative Research on Natural Hazards, under grant from the National Science Foundation to Gilbert F. White, Institute of Behavioral Science, University of Colorado; Ian Burton, University of Toronto; and Robert W. Kates, Clark University.
- 1970-72 Co-Investigator with Roger Kasperson, Obstacles in the Adoption of Water Reuse for the Provision of Municipal Water Supply, funded by U.S. Office of Water Resources research, Title II, Washington D.C.
- 1970-72 Summer, Principal Investigator, Human Adjustment to Hurricane Hazard in the United States, funded by National Science Foundation, U.S. National Water Commission and Texas A&M University, from 1970 to completion during summer, 1972.

1970-1976	Formal participant on the Commission on Man and Environment, International Geographical Union.
1971	Co-Investigator with David Arey in An Appraisal of Natural Water Programs which Relate to the Reduction of Losses from Natural Hazards for the U.S. Natural Water Commission.
1970	Consultant, Workshop on Environmental Problems, sponsored by the Commission on Geography and Afro-American Association of the American Geographers in cooperation with U.S. Office of Education, Grambling College, Grambling, Louisiana, June 14-25.
1972-73	Co-Principal Investigator with Daniel Dworkin, <u>Renovated Waste Water for Municipal Systems: A Methodology for Evaluation and Adoption</u> . U.S. Corps of Engineers: Institute of Water Research, Washington, D.C.
1972-74	Consultant, Research Applied to National Needs, National Science Foundation, Natural Hazards: Urban Snow, Tornado and Hurricane, University of Colorado, Boulder.
1973	Research Associate, Institute of Behavioral Science, University of Colorado, Boulder. (9/72-12/73).
1974	Visiting Professor of Geography and Research Associate, Texas A&M University, College Station, Texas (1/74-3/74).
1974	Research Associate on Homeowner Adoption of Federal Flood Insurance. Philadelphia: University of Pennsylvania, The Wharton School of Finance, Department of Decision Science, (6/74-8/74).
1975	Grant from U.S. Corps of Engineers to host a national seminar on the practicability of water reuse, co-organizer with Daniel Dworkin, held at Butler University, Indianapolis, Indiana, July 20-25.
1975	Consultant to the National Science Foundation, Environmental Forecasting, International Decade of Ocean Exploration.
1975	Consultant, Holcomb Research Institute, Butler University, Water Reuse for Urban Supply.
1976	Consultant, National Academy of Sciences, Environmental Science Board, Washington, D.C. on Multimedia Approach to Municipal Sludge Management, June 8.

1976	Consultant, Holcomb Research Institute, Advisory Council on Conference Planning Alternatives for Municipal Water Systems.
1976	Consultant, Institute of Behavioral Science, University of Colorado, in preparation of monograph on Coastal Zone Management Planning.
1977-80	Member, Committee on Water Supply Reviews, National Research Council of the National Academy of Sciences – National Academy of Engineering.
1977	Consultant, Indianapolis Water Company, on forecasting demand for water.
1977	Consultant, U.S. Army Corps of Engineers, St. Louis, on public participation programming.
1978-79	Member, Illinois Committee to Strengthen Community Economics, Appointed by Governors, May, 1978.
1978	Principal Investigator, Research Grant from Institute for Water Resources, “Assessment of Water Conservation Measures.”
1979	Consultant, Institute for Water Resources on Role of Water Conservation in Water Supply Planning.
1980-81	Member, Committee on Water Resources Research Review, National Research Council of the National Academy of Sciences.
1980	Co-principal Investigator, “Consumer Adoption of Water Conservation,” U.S. Office of Water Resources and Technology.
1981	Consultant, Committee on Levees. National Research Council of National Academy of Sciences.
1980-81	Consultant, “The Evaluation of Conservation in Municipal and Industrial Water Supply Planning” Institute for Water Resources.
1982-83	Principal Investigator, “Evaluation of Flood Damage Mitigation Information Programs,” State of Illinois and Federal Emergency.
1982	Consultant, “Analysis of Demand Forecasting Methods in Corps of Engineers Water Supply Studies,” Institute for Water Resources, Corps of Engineers.

1984	Consultant, "Contingent Evaluation of Drinking Water Quality," Resources for the Future, Inc., Washington, D.C.
1984-85	Consultant, "Inquiry on Federal Water Policy," Government of Canada, Ottawa.
1986	Member, Board of Universities Council on Water Resources.
1986	Vice-president, U.S. Committee, International Resources Association.
1986	Chairman, IGU Committee on Role of Perception on Resource Management and Conservation.
1987	Executive Director, Universities Council on Water Resources.

IV. PROFESSIONAL AND UNIVERSITY SERVICE

A. Professional and University Committees and Councils

1968	Representative for Southern Illinois University, Carbondale, to the annual meeting of the University Council on Water Resources.
1974	Task Force Committee to formulate Social Science Research Bureau.
1975	Member of Committee on Environmental Studies Course: Technology, Value and the Environment.
1976	Representative for Southern Illinois University, Carbondale, to the Universities Council on Water Resources.
1976	Member, College of Liberal Arts Council.
1976	Advisory Committee, Touch of Nature, SIU.
1977	Advisory Committee, International Education.
1977	COLA Council.
1978-79	Advisory Committee, International Education
1980	COLA Committee on Promotion and Tenure.
1981	COLA Committee on Promotion and Tenure.
1982	SIU-C representative at Universities Council on Water Resources Annual Meeting, Crystal Bay, Nevada, July.
1983	SIU Representative to Universities Council on Water Resources.
1984	Member, Curriculum Review Committee, Graduate Council.
1985	SIU Representative to Universities Council on Water Resources.
1985	Member, Curriculum Review Committee, Graduate Council.

B. Other

1970	Formal participant on the Commission on Man and Environment, International Geographical Union.
1978	Attended Working Group on Environmental Perception, International Geographical Union, in Ibadan, Nigeria, July 22-29.
1978-79	Member, Illinois Committee to Strengthen Community Economics, Appointed by Governor, May, 1978.
1981	Member, Universities Council on Water Resources University Assessment Program Management Committee.
1985-86	Elected to Board of Directors of International Water Resources Association.
1985-86	Chairman, Social-Behavioral Science Committee, Universities Council on Water Resources.
1985-86	Appointed to Committee on Public Involvement in Water Planning, United Nations International Hydrologic Program.
1985	U.S. Representative, International Hydrological Programme, UNESCO.
1986-87	Member, Board of Directors, Universities Council on Water Resources.
1987	Executive Director, Universities Council on Water Resources Association.
1989	Represented Universities Council on Water Resources at National Water Supply Improvement Association annual meeting, Washington, D.C. February, 1989.
1989	Appointed to the Advisory Committee on Water Data U.S. Geological Survey.
1989	Universities Council on Water Resources, Committee on Research Proposal on Water Resources Research Priorities.
1989-2004	Editor, <u>Water Resources Update</u> .

V. PROFESSIONAL SERVICE

A. Membership in Professional Associations

American Water Works Association
International Water Resources Association
American Association of Advancement for Science
Association of American Geographers
American Water Resources Association

B. Office Held and Honors Awarded in Professional Associations

1977	Appointed to the Committee to review the Washington Metropolitan Area Water Supply Study established by the National Research Council on water Supply Review, Assembly of Engineering.
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- 1978-79 Appointed as member of a Statewide Committee to study economic problems facing Illinois communities and to develop plans for solving those problems. Illinois Committee to Strengthen Community Economics. July 1978.
- 1980-81 Editor, Water Resources Newsletter, AAG.
- 1982-83 Editor, Water Resources Newsletter, AAG.
- 1983-84 Editor, Water Resources Newsletter, AAG.
- 1984-85 Editor, Water Resources Newsletter, AAG.
- 1984-85 SIU-C Representative to Universities Council on Water Resources.
- 1984-85 Chairman, Social and Behavioral Sciences Committee, Universities Council on Water Resources.
- 1986-87 Co-editor, Water Resources Newsletter, AAG.
- 1987 Executive Director, Universities Council on Water Resources.
- 1990 Rodney R. Fleming Award for Outstanding Technical Presentation 1990 International Public Works Congress.

C. Consultantships

- 1969 Chairman, Committee on Environmental Control, Board of Higher Education, State of Massachusetts, funded by the U.S. Higher Education Act, 1969-70.
- 1969-70 Research associate in Collaborative Research on Natural Hazards, under a grant from the National Science Foundation to Gilbert F. White, Institute of Behavioral Science, University of Colorado; Ian Burton, University of Toronto; and Robert W. Kates, Clark University.
- 1971 Consultant, Workshop on Environmental Problems, sponsored by the Commission on Geography and Afro-American Association of American Geographer in cooperation with U.S. Office of Education, Grambling College, Grambling, Louisiana, June 14-25.
- 1972-74 Consultant, Research Applied to National Needs, National Science Foundation, Natural Hazards: Urban Snow, Tornado and Hurricane. University of Colorado, Boulder.
- 1973 Research Associate, Institute of Behavioral Science, University of Colorado, Boulder (9/72-12/73).
- 1974 Visiting Professor of Geography and Research Associate, Texas A&M University, College Station, Texas (1/74-3/74).
- 1974 Research Associate on Homeowner Adoption of Federal Flood Insurance, Philadelphia: University of Pennsylvania, The Wharton School of Finance, Department of Decision Sciences (6/74-8/74).

- 1975 Participant-Consultant: National Science Foundation, Environmental Forecasting Workshop, International Decade of Ocean Exploration.
- 1975 Consultant, Holcomb Research Institute, Butler University, Indianapolis, Indiana, on water reuse for urban supply.
- 1976 Consultant, National Academy of Science, Environmental Science Board, Washington, D.C. June 8.
- 1976 Consultant, Holcomb Research Institute, Butler University, Indianapolis, on formation of Conference on Planning Alternatives for Municipal Water Systems, October 10-14, 1976.
- 1976 Consultant, Institute of Behavioral Science, University of Colorado, June 30-July 1.
- 1977 Consultant, the Conservation Foundation, Washington, D.C., January 8.
- 1977 Committee on Water Resources Review, National Academy of Sciences, Washington, D.C. (3 year appointment).
- 1977 Consultant, Indianapolis Water Company, on forecasting demand for water.
- 1977 Consultant, U.S. Army Corps of Engineers, St. Louis, on public participation programming.
- 1979 Consultant, Institute for Water Resources on Role of Water Conservation in Water Supply Planning.
- 1980-82 Consultant, Corps of Engineers on Forecasting Demand.
Consultant, Corps of Engineers on Water Conservation Analysis,
Consultant, Dept. of Transportation, Division of Water Resources, on Mass Media and Flood-plain Management.
- 1983 Consultant, Water Conservation Planning and Evaluation. U.S. Army Corps of Engineers, Institute for Water Resources, Washington, D.C.
- 1983 Consultant, Contingent Evaluation of Drinking Water Quality, Resources for the Future, Washington, D.C.
- 1984 Consultant, U.S. Army Corps of Engineers, Institute for water Resources, Ft. Belvoir, Virginia.

- 1986-87 Consultant to: 1) Metropolitan Water District of Southern California; 2) Dept. of Water and Wastewater, City of Phoenix, Arizona; 3) State of New Mexico, Litigation between New Mexico and El Paso, Texas; 4) Institute for Water Resources, U.S. Army Corps of Engineers; 5) Dept. Environmental Conservation, State of New York; and 6) Research Foundation, American Water Works Association.
- 1989 Consultant to: 1) Springfield, Illinois; 2) Las Vegas Valley Water District; 3) Southwest Florida Water District; 4) City of San Diego; 5) Metropolitan Water District of Southern California; 6) Institute for Water Resources, U.S. Army Corps of Engineers; 7) City of Phoenix.

D. Papers and Presentations at Professional Meetings

- 1968 Annual Meeting of AAG, Washington, D.C., "The Recreational Use of Domestic Water Supply Reservoirs in the U.C."
- 1968 4th Annual Meeting of the American Water Resources Association, New York, N.Y. "The Recreational Use of Domestic Water Supply Reservoirs: Perception and Choice."
- 1970 with Robert W. Kates, "Risk From Nature in the City of Man" at the University of Michigan, Program on the Physical Environment of the City.
- 1971 with Robert E. Kasperson, Annual Meeting of AAG, Boston, "The Public Acceptance of Reclaimed Water: Myth and Reality."
- 1971 with John H. Sims, Annual Meeting of AAG, Boston, "The Socio-Psychological Dimensions of Coping with Tornado Hazards."
- 1971 Symposium on Man-made Lakes: Their Problems and Environmental Effects, on Behalf of International Council of Scientific Unions organized by Scientific Committee on Water Research, "Perception, Attitude Change, and the Multiple Use of Domestic Water Supply Reservoirs."
- 1971 with John H. Sims, "The Tornado Threat: Coping Styles in the North and South," presented at International Geographical Union, Seminar on Natural Hazards, Budapest, Hungary, August 4-9, sponsored by UNESCO.
- 1972 with John H. Sims, "Tentative Notes on Human Response to Hurricane Hazard: A Comparative Analysis." Commission on Man

- and Environment, 22nd International Geographical Congress, Calgary, Alberta, July 24-30.
- 1972 with Roger Kasperson, "The Nature of Attitudes Toward Renovated Waste Water," Seminar Water Resources, 22nd International Geographical Congress, Victoria, British Columbia, August 2-8.
- 1973 "Determinants of Public Acceptance of Drinking Renovated Waste Water," Symposium on Environmental Hazards, Annual Conference of Institute of British Geographers, January 4-7, University of Birmingham, Birmingham, England.
- 1974 "The Energy and Resource Dilemma," Commission on Geography and Afro-American Leadership Conference, January 28-February 1, New Orleans, Louisiana.
- 1974 Organized and chaired special session, "Geography and Natural Hazards: An Interdisciplinary Endeavor," at AAG Annual Meeting, Seattle, Washington.
- 1974 with John H. Sims, "Interdisciplinary, Cross-Cultural Research: Double Trouble," presented at AAG Annual meeting, Seattle, Washington.
- 1975 "Planning for Water Reuse," Conference on Water Supply and Water Quality Planning, December 11, Atlanta, Georgia.
- 1975 "Decision-Making and Low Probability Events," National Operations Research Society of America, Chicago, April.
- 1975 "The Practability of Water Reuse," Holcomb Research Institute Seminar on Practability of Water Reuse, July.
- 1976 with John H. Sims, "Flood Insurance: Some Determinants of Adoption," Annual meeting of the Association of American Geographers, New York, April.
- 1976 with John H. Sims, "Models of Man: Unacknowledged Bias in Research on Natural Hazards," International Geographical Congress, commission of Man and Environment, July 21, Moscow, U.S.S.R.
- 1976 with Daniel Dworkin, "Urbanization and Water Reuse," International Geographical Congress, Commission of Man and Environment, July 20, Moscow, U.S.S. R.

- 1976 "The Economic and Social Implications of the Urban Snow Hazard," at Institute on Snow Removal and Ice Control, University of Wisconsin-Madison, December 2.
- 1976 with Daniel Dworkin, "Summary and Recommendations," Conference on Planning Alternatives for Urban Water Supply, French Lick, Indiana, October.
- 1977 with David Arey, "Formal Structures for Public Participation," 73rd Annual Meeting of the Association of American Geographers, Salt Lake City, Utah, April 24-27.
- 1977 with Daniel M. Dworkin, "Water Reuse Decision Making Models." Annual Conference of the American Water Works Association, Anaheim, California, May.
- 1978 "Institutional Factors in Planning for Water Reuse," U.S. Corps of Engineers Conference on Water Supply Planning, Albuquerque, New Mexico, March 21.
- 1978 with Nancy Baumann, "A Model of Public Participation," International Geographical Union, Environmental Perception, Ibadan, Nigeria, July 25.
- 1978 "Water Supply Planning in United States," Technical University of Wroclaw, Poland, Institute of Environmental Protection, November.
- 1979 "Evaluating the Role of Water Conservation," "League of Women Voters, Urban Crises Conference, Springfield, Illinois, February.
- 1979 "Planning for Natural Hazards: U.S. and Poland." First Polish-American Conference on Spatial Problems in the Development of Metropolitan Regions. Philadelphia, University of Pennsylvania, April 26-28.
- 1979 Chairman of Session on Perception of Natural Hazards, Annual Meeting of Association of American Geographers, Philadelphia, April.
- 1979 "Water Conservation Defined," Annual Meeting of the Canadian Association of Geography, Victoria, British Columbia, May.
- 1979 "Evaluating Water Conservation: A Methodology," Seminar on Urban Water Resources Planning, U.S. Corps of Engineers, Madison, Wisconsin, June.

- 1979 "Public Participation in Flood-Plain Planning," Annual Natural Hazards Workshop, University of Colorado, Boulder, July.
- 1979 "Natural Hazards Research in Geography: An Overview," at the Second Annual Meeting of the Applied Geography Conference, Binghamton, New York, September (Also organized and chaired session on Natural Hazards Research).
- 1979 "The Delphi Approach to Forecasting," Conference on Social Forecasting, U.S. Corps of Engineers, Denver, September
- 1979 Organized and co-chaired session on the Role of Education in Coping with Natural Hazards at the Annual Meeting of the National Council of Geographic Education, Mexico City, November.
- 1979 "Mass Media Campaigns and Human Response to Natural Hazards," Annual Meeting of the National Council of Geographic Education Mexico City, Mexico.
- 1980 "Water Pricing and Water Conservation," Conference on Urban Water Supply: Planning, Design and Operation, February 13-15, University of Toronto.
- 1980 "When Should Water Conservation be Implemented?" Department of Hydrology and Water Resources and Department of Geography, University of Arizona, Tucson, February 20.
- 1980 "Social Issues in Decision-Making for Portable Reuse," U.S. EPA Conference on Protocol Development: Criteria and Standards for Potable Reuse and Feasible Alternatives, Warrenton, Virginia, July 30.
- 1980 "Evaluation of Water Conservation," Annual Meeting of AAG, Louisville, Kentucky, April.
- 1980 "Urban Water Supply Planning and Conservation, "Water Resources Session of the Applied Geography Conference, Kent, Ohio, September.
- 1981 "Measuring the Social Acceptability of Water Conservation, AAG Annual Meeting, Los Angeles, April.
- 1981 "Urban Water Supply Planning," Technical University of Wroclaw, Poland, May.

- 1981 "Who Conserves Water?" Applied Geography Conference, Tempe, Arizona, October.
- 1981 "Evaluating Water Conservation," Conference on Water Conservation sponsored by the U.S. Corps of Engineers, Tulsa, Oklahoma.
- 1981 "The Future of water Conservation in Urban Water Supply Planning" and "The Determination of the Social Acceptance of Water Conservation Measures," presented at six workshops sponsored by the U.S. Army Corps of Engineers for federal and state water planners: Long Beach, California; Norfolk, Virginia; Atlanta, Georgia; Fort Worth, Texas; Washington, DC; Chicago, Illinois.
- 1981 "A Procedure to Evaluate the Potential of Water Conservation Urban Water Supply Planning," to faculty and students, University of Iowa, April.
- 1981 "Information and Consumer Adoption of Water Conservation, National Conference on Water Conservation," Denver, CO, April.
- 1982 "Who Adopts Water Conservation," AAG Annual Meeting, San Antonio, TX, April.
- 1982 "Information and Consumer Adoption of Water Conservation," and "Formulation of an Operational Definition of Water Conservation," at the Annual Meeting of the IV World Congress on International Water Resources Association, Buenos Aires, September.
- 1982 "Future Responsibilities on Urban Water Supply Planning and Management: The Role of Local, State, and Federal Government," Applied Geography Conference, September.
- 1982 "What is Conservation," Annual Meeting of the Midwest Environmental Education Association, October.
- 1983 "Determination of the Cost-Effectiveness of Flood Hazard Information Programs," Annual Meeting Applied Geography Conference, October.
- 1984 "The Role of Perception in Water Resources Research," 79th Annual Meeting of the Association of American Geographers, Washington, D.C., April, 1984.

- 1984 with J. Crews, "Selecting the Appropriate Forecast Technique," American Water Resources Association Conference, Illinois Section, Carbondale, Illinois, April, 1984.
- 1984 "Planning for Water Conservation for Urban Areas," Seminar on Water Supply, Institute for Water Resources, Fort Belvoir, Virginia, May 1984.
- 1984 "Role of Social-Behavioral Sciences in Water Resources planning and Management," Universities Council on Water Resources, Baton Rouge, Louisiana, July 1984.
- 1984 "Determination of Cost-Effective Information Programs in Flood-Plain Management and Natural Hazard Planning," 25th International Geographical Congress, Paris and Freiburg, August, 1984.
- 1984 with J. Sims, "Natural Hazards Research and Policy: Time for a Gadfly," Eighth Symposium on Statistics, Law, and the Environment, Washington, DC October 1984.
- 1984 "Opportunities in Urban Water Supply Planning," Annual Conference of Applied Geography, Tallahassee, Florida, November, 1984.
- 1985 "Evaluating the Role of Water Conservation in Urban Water Planning," American Public Works Association, Phoenix, Arizona, January, 1985.
- 1985 "Measuring Social Acceptability of Water conservation Measures," American Public Works Association, Phoenix, Arizona, January, 1985.
- 1985 "Requirements in the Evaluation of Water Conservation," U.S. Army Corps of Engineers Water Supply Conference, Washington, D.C., April 1985.
- 1985 "Price and Water Use," Annual Meeting, Association of American Geographers, Detroit, April.
- 1985 "Optimizing Water Supply and Conservation," Annual Meeting American Water Works Association, Washington, D.C., June 1985.
- 1985 "Demand Forecast Techniques: An Evaluation," Vth World Congress on Water Resources, Brussels, Belgium, June, 1985.

- 1985 "Long Range Forecasting," American Society of Civil Engineers, Buffalo, New York, June 1985.
- 1985 "Relationship of Price and Water Use." Applied Geography conference, Dallas, October.
- 1985 "Evaluation of conservation in Urban Water Supply Planning," conference on Urban Water, Toronto, Canada, December, 1985.
- 1986 "Public Perception of Drinking Water Quality," Convocation on Drinking Water, American Water Works Research Foundation, Annapolis, Maryland, June.
- 1986 "Residential Water Conservation: Who Does It and To What Effect," Annual Meeting, Association of American Geographers, Minneapolis, May.
- 1986 "Consumer Adoption of Water Conservation: Effectiveness of Public Information Programs," Annual Meeting of American Water Works Association, Denver, June.
- 1986 "Price and Water Use," Conference on Water Pricing, Arizona Corporation, Phoenix, August.
- 1986 "An Assessment of Environmental Perception in Resource Management," International Geographical Union, Alcala de Henares, Spain, August.
- 1986 "Water Use Forecasting Practices: An Assessment and Recommendation," Applied Geography Conference, New York, New York, October.
- 1987 "Urban Demand Forecasting and Analyses of Conservation," seminar presented to U.S.G.S., Reston, Virginia, February.
- 1987 "Demand Forecasting and the Evaluation of Conservation," seminar presented to Tucson Water Department, March.
- 1987 "Analysis of Water Conservation Measures," Institute for Water Resources, U.S. Army Corps of Engineers, Fort Belvoir, Virginia, April.
- 1987 "Urban Demand Management," Conference on Social Sciences in Water Resources Planning and Management, sponsored by NSF and the Engineering Foundation, Santa Barbara, California, May.

- 1987 "Planning and Management of Urban Water Resources: Forestry, Conservation, and Drought," New York State Department of Environmental Conservation, Albany, New York, October.
- 1987 "Forecasting Urban Water: The IWR-MAIN Model," Illinois Groundwater Association Annual Meeting, Chicago, Illinois, October.
- 1987 "Evaluation of Risk in Natural and Technological Hazards," Engineering Foundation Conference on Risk, Santa Barbara, California, November.
- 1988 "Forecasting Urban Water and Sensitivity Analyses," New York State conference on Water Resources Management, Albany, April.
- 1988 "Demand Management Tools of Analysis," U.S. Geological Survey Regional Meeting, Boston, April.
- 1988 "Evaluation of Water Conservation in Urban Places," Institute for Water Resources, Fort Belvoir, Virginia, April.
- 1988 "Consumer Response to Drought in California," State of California, Task Force on Water Conservation, Sacramento, September.
- 1988 "The Measurement of Social Acceptability of Water Conservation Measures," Workshop on Urban Water Management, U.S. Corps of Engineers, Fort Belvoir, Virginia, November.
- 1989 "The Requirements of Effective Risk Communication," (with B. Dziegielewski and E. Opitz), Engineering Foundation Conference, Santa Barbara, California, October 1989. (Selected papers were chosen for publication in Risk-Based Decision-Making. New York: Engineering Foundation, 1990).
- 1989 "Public Response to Risk Information," (with B. Dziegielewski), Institute for Water Resources, Fort Belvoir, Virginia, May, 1989. (Paper to be published in Risk-Analysis for Water Resources Planning. Washington, D.C. IWR Conference, May, 1990.)
- 1989 Duane D. Baumann, "Urban Demand Forecasting and Analysis of Conservation," presented to American Public Works Association Conference on Water and City, Chicago, June, 1989.
- 1989 Duane D. Baumann, "Urban Demand Forecasting and Analysis of Conservation," American Public Works Association, Chicago,

Illinois, June, 1989. (Selected papers were chosen for publication in Water and City. American Public Works Association, Chicago, 1990.)

- 1989 "The Measurement of the Effects of Conservation," presented to the State Water Conservation Committee, State of California, Los Angeles, July, 1989.
- 1990 With Ben Dziegielewski. "Public Response to Risk Information," in Risk-Analysis for Water Resources Planning. Washington, D.C., IWR, 1990. (Also, presented to IWR Conference, May, 1990.
- 1990 U.S. Environmental Protection Agency, National Conference on Water Conservation. Presented paper on "The Estimation of Public Adoption of Water Conservation Measures, " Tucson, Arizona, February, 1990.
- 1990 January (Phoenix), "Drought Impacts and Planning," sponsored by U.S. Army Corps of Engineers and U.S. Bureau of Reclamation.
- 1990 July (Washington, D.C.), presented paper "Data Needs in Urban Water Use Planning and Management," to U.S. Geological Survey Committee on Water Data for Public Use."
- 1990 August (Phoenix), presented paper "The Measurement of Social Acceptability of Water Conservation," at Natural Conference, Conserv 90.
- 1990 August (Phoenix), presented paper, "The Role of Conservation in Urban Water Supply Planning," at Natural Conference, Conserv 90.
- 1990 September (Columbia, South Carolina) presented paper, "A Water Demand Forecast Model," to conference on Water Resources Systems Modeling.
- 1990 September (St. Louis), presented paper to the annual meeting of the American Public Works Association., "Urban Demand Forecasting and Analysis of Conservation," with Ben Dziegielewski.
- 1990 November (Chicago) presented paper on "Communication of Risk in Resident Adoption of Flood-Damage Mitigation Measures," at the Annual Meeting of Association of State Floodplan Managers.

- 1991 April (Washington, D.C.) presented lecture at U.S. Corp of Engineers Seminar on “Measurement of Social Response to Risk”.
- 1991 June (Park City, Utah) presented paper on “Evaluation of Conservation in Drought Planning” at National Conference on Drought.
- 1991 July (Albuquerque, New Mexico) presented paper on “Measurement of the Effects of Public Information Programs in Water Resources” at the UCOWR Annual Meeting.

E. Other

- 1970 Formal Participation on the Commission on Man and Environment; pres. International Geographical Union.
- 1974 Organized and chaired special session, “Geography and Natural Hazards: An Interdisciplinary Endeavor,” at AAG Annual Meeting, Seattle, Washington.
- 1975 Chaired session on Natural Hazards Research, West Lakes Meeting of the AAG, October, Carbondale.
- 1978 Chairman of Session on Perception and Natural Hazards, Annual Meeting of AAG, New Orleans, April.
- 1978 Attended Working Group on Environmental Perception, International Geographical Union, in Ibadan, Nigeria, July 22-29.
- 1977-80 For the National Academy of Sciences, Committee on Water Supply Reviews:
 1) Evaluated the public participation program of the U.S. Corps of Engineers for the Washington Metropolitan Area (WMA) Water Supply Study (10 pps).
 2) Evaluated the social impact of assessment effect of the U.S. Corps of Engineers WMA Water Supply Study (5 pps).
- 1979 For the Governor’s Committee to Strengthen Illinois Community Economics – prepared draft for final report on opportunities in environmental problems in economic growth in Illinois (9 pps).
- 1980-81 For the National Academy of Sciences. Committee on Water Resources Research Review:
 1) Evaluate Federal water resources research;
 2) Recommend water resources research priorities for 5 year program

- 1981 Reviewed research report entitled “Western Water Institutions in a Changing Environment,” by Gary Weatherford, for National Science Foundation.
- 1985 Organized and chaired a special session on Municipal Water Planning for the Association of American Geographers meeting in Detroit, Michigan, April, 1985.
- 1986-88 Chairman, International Geographical Union, Committee on the Role of Environmental Perception in Resource Management.

VI. PUBLICATIONS

A. Books and Monographs

The Recreational Use of Domestic Water Supply Reservoirs: Perception and Choice. Chicago: University of Chicago, Department of Geography Research Paper No. 121, 1969, 125 pp.

Collaborator with Russell, Clifford; Arey, David; and Kates, Robert. Drought and Water Supply: Implications of the Massachusetts Experience for Municipal Planning, Baltimore: The Johns Hopkins Press, 1970, Chapter 8, passim.

Baumann, Duane D. and John H. Sims. Human Behavior and the Environment: Interactions of Man and His Physical World. Chicago: Maaroufa Press, 1974.

Baumann, Duane D. and Russell, Clifford (eds.) The Urban Snow Hazard. Report submitted to the U.S. Office of Water Resources Research, Urbana, University of Illinois, November, 1970, 149 pp.

Dworkin, D. and Duane D. Baumann, An Evaluation of Water Reuse for Municipal Supply, Washington, D.C.: Institute for Water Resources, U.S. Corps of Engineers, 1974.

Kasperson, Roger and Duane D. Baumann, et al. Community Adoption of Water Reuse, Washington, D.C.: U.S. Office of Water Resources and Technology, 1974.

Duane D. Baumann and Daniel Dworkin (eds.). Water Reuse: Problems, Practices, Prospects. Washington, D.C.: U.S. Corps of Engineers, Institute for Water Resources, 1976.

Brinkman, Waltraud, A.R. in collaboration with Duane D. Baumann, E. Beck, et.al. Severe Local Storm Hazard in the United States. Boulder: University of Colorado, Program on Technology, Environment and Man, Institute of Behavioral Science, 1975 (154 pps).

Brinkman Waltraud, A.R. in collaboration with Paul Huzar, Earl Baker, Duane Baumann, and John H. Sims. Hurricane Hazard in the United States. Boulder: University of Colorado, Program on Technology, Environment and Man, Institute of Behavioral Science, 1975, 100 pps.

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