

BRANDEN B. JOHNSON

Senior Scientist, Decision Research, Oregon Research Institute (www.ori.org)
3800 Sports Way, Springfield, OR 97477; 541-484-2123, 541-484-1108 (fax); bjohnson@ori.org

EDUCATION

Ph.D., Geography, Clark University, 1978-1980 (awarded 1981)
M.A., Environmental Affairs, Clark University, 1976-1978
B.A., Liberal Studies (Environmental Values & Behavior), University of Hawaii-Manoa, 1971-1975

EMPLOYMENT

Senior Scientist, Oregon Research Institute, 2023-present
Senior Research Scientist, Decision Research, 2010-present
Research Scientist, New Jersey Department of Environmental Protection, 1987-2013
Associate Professor (tenured), Science, Technology, & Society Program, Department of Social Sciences, Michigan Technological University, 1988-1989
Assistant Professor, STS Program, Michigan Technological University, 1984-1988
Assistant Professor of Geography, University of Pittsburgh, 1980-1984

BOOKS

Johnson, B. B., & Covello, V. T., eds. (1987). *The Social and Cultural Construction of Risk: Essays on Risk Selection and Perception*. Dordrecht, Holland: D. Reidel (now Kluwer).

REFEREED ARTICLES

2023

- Johnson, B. B., & Kim, B. (2023). COVID-19 risk perception measures: Factoring and prediction of behavioral intentions and policy support. *Journal of Risk Research*, early online publication.
- Finkel, A. M., & Johnson, B. B. (2023). At last, empirical elicitations of the magnitudes of those risks (and costs!) too small to matter and those too large to abide. *Human and Ecological Risk Assessment*, early online publication.
- Johnson, B. B., Mayorga, M., & Dieckmann, N. F. (2023). How people decide who is correct when groups of scientists disagree. *Risk Analysis*, <https://doi.org/10.1111/risa.14204>.
- Johnson, B. B., & Swedlow, B. (2023). Scale reliability of alternative cultural theory survey measures. *Quality & Quantity*, <https://doi.org/10.1007/s11135-023-01653-4>.
- Johnson, B. B., & Finkel, A. M. (2023). Sensitivity to scope in estimating the social benefits of prolonging lives for regulatory decisions using national stated preference tradeoffs. *Environment Systems and Decisions*, <https://doi.org/10.1007/s10669-023-09899-x>.
- Johnson, B. B., & Rickard, L. N. (2023). Trust, confidence, familiarity, and support for land-based recirculating aquaculture facilities. *Risk Analysis*, *43*(7), 1339-1355.
- Johnson, B. B., Mayorga, M., & Kim, B. (2023). Americans' COVID-19 risk perceptions and risk perception predictors changed over time. *Journal of Risk Research*, *26*(7), 815-835.
- Johnson, B. B. (2023). Factors in intention to get the COVID-19 vaccine change over time: Evidence from a two-wave U.S. study. *Health, Risk, and Society*, *25*(3-4), 151-179.
- Johnson, B. B., & Kim, B. (2023). Cross-temporal relations of conditional risk perception measures with protective actions against COVID-19. *Social Science & Medicine*, *324*, 115867.

2022

- Johnson, B. B., & Rickard, L. N. (2022). Sense of place and perceived community change in perceived impacts of and cooperation with local aquaculture development in the US. *Journal of Environmental Psychology, 84*, 101882.
- Rickard, L. N., Houston, C. L., McGreavy, B., Johnson, B. B., & Gurney, G. (2022). Fish prisons and bluehouses: Perceived risks and benefits of land-based aquaculture in four US communities. *Environmental Communication*, DOI: 10.1080/17524032.2022.2062020.
- Johnson, B. B., & Finkel, A. M. (2022). Stated-preference tradeoffs between regulatory costs and benefits: Testing unit asking and double framing effects. *Journal of Risk Research, 26*(3), 256-272.
- Johnson, B. B., & Finkel, A. M. (2022). Information effects on lay tradeoffs between national regulatory costs and benefits. *Risk Analysis, 42*(12), 2620-2638.
- Johnson, B. B. (2022). Affect toward the policy option versus the hazard differentially mediates cultural effects on Americans' Zika risk perceptions and policy support: Comparing the Solution Aversion-based model and the Affect Heuristic-Cultural Cognition Theory model. *Human and Ecological Risk Assessment, 28*(3-4), 281-315.

2021

- Wirz, C. D., Mayorga, M., & Johnson, B. B. (2021). A longitudinal analysis of Americans' media sources, risk perceptions, and judged need for action during the Zika outbreak. *Health Communication, 36*(12), 1571-1580.
- Johnson, B. B., & Mayorga, M. (2021). Americans' early behavioral responses to COVID-19. *Human and Ecological Risk Assessment, 27*(7), 1733-1746.
- Wirz, C. D., Mayorga, M., & Johnson, B. B. (2021). Evaluating the effects of news-following, volume and content of news coverage on Americans' risk perceptions during the 2014-2016 Ebola outbreak. *Journal of Health Communication, 26*(5), 328-338.
- Johnson, B. B., & Mayorga, M. (2021). Temporal shifts in Americans' risk perceptions of the Zika outbreak. *Human and Ecological Risk Assessment, 27*(5), 1242-1257.
- Johnson, B. B., & Swedlow, B. (2021). Cultural theory's contributions to risk analysis: A thematic review with directions and resources for further research. *Risk Analysis, 41*(3), 429-455.
- Johnson, B. B. (2021). Perceived characteristics of hazard-managing organizations for institutional stereotypes and their effects on trust. *Journal of Risk Research, 24*(2), 148-166.
- Johnson, B. B., & Dieckmann, N. F. (2021). Lay beliefs about scientists' relations with their employers. *Public Understanding of Science, 30*(1), 103-114.
- Turner-Zwinkels, F. M., Johnson, B. B., Sibley, C. G., & Brandt, M. J. (2021). Conservatives' moral foundations are more densely connected than liberals' moral foundations. *Personality and Social Psychology Bulletin, 47*(2), 167-184.

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- Johnson, B. B., & Dieckmann, N. F. (2020). Americans' views of scientists' motivations for scientific work. *Public Understanding of Science, 29*(1), 2-20.
- Johnson, B. B., Swedlow, B., & Mayorga, M. W. (2020). Cultural theory and cultural cognition theory survey measures: Confirmatory factoring and predictive validity of factor scores for judged risk. *Journal of Risk Research, 23*(11), 1467-1490.
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- Johnson, B. B. (2020). Probing the role of institutional stereotypes in Americans' evaluations of hazard-managing institutions. *Journal of Risk Research, 23*(3), 313-329.

2019

- Mayorga, M. W., & Johnson, B. B. (2019). A longitudinal study of concern and judged risk: The case of Ebola in the United States, 2014–2015. *Journal of Risk Research*, 22(10), 1280-1293.
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- Johnson, B. B. (2019). Hazard avoidance, symbolic and practical: The case of Americans' reported responses to Ebola. *Journal of Risk Research*, 22(3), 346-363.
- Dieckmann, N. F., & Johnson, B. B. (2019). Why do scientists disagree? Explaining and improving measures of the perceived causes of scientific disputes. *PLoS One*, 14(2), e0211269.

2018

- Johnson, B. B. (2018). "Counting votes" in public responses to scientific disputes. *Public Understanding of Science*, 27(5), 594-610.
- Nakayachi, K., Johnson, B. B., & Koketsu, K. (2018). Effects of acknowledging uncertainty about earthquake risk estimates on San Francisco Bay area residents' beliefs, attitudes, and intentions. *Risk Analysis*, 38(4), 666-679.
- Johnson, B. B., & Dieckmann, N. F. (2018). Lay Americans' views of why scientists disagree with each other. *Public Understanding of Science*, 27(7), 824-835.
- Finkel, A. M., & Johnson, B. B. (2018). The limits of self-interest: Results from a novel stated-preference survey to estimate the social benefits of life-prolonging regulations. *Environmental Law*, 48, 453-476.
- Johnson, B. B. (2018). Residential location and psychological distance in Americans' risk views and behavioral intentions regarding Zika virus. *Risk Analysis*, 38(12), 2561-2579.

2017

- Johnson, B. B., & Nakayachi, K. (2017). Examining associations between citizens' beliefs and attitudes about uncertainty and their earthquake risk judgments, preparedness intentions, and mitigation policy support in Japan and the United States. *International Journal of Disaster Risk Reduction*, 22, 37-45.
- Johnson, B. B. (2017). Explaining Americans' responses to dread epidemics: An illustration with Ebola in late 2014. *Journal of Risk Research*, 20(10), 1338-1357.
- Dieckmann, N. F., Johnson, B. B., Gregory, R., Mayorga, M., Han, P. K., & Slovic, P. (2017). Public perceptions of expert disagreement: Bias and incompetence or a complex and random world? *Public Understanding of Science*, 26(3), 325-338.

2016

- Johnson, B. B., & Finkel, A. M. (2016). Public perceptions of regulatory costs, their uncertainty and interindividual distribution. *Risk Analysis*, 36(6), 1148-1170.

2015

- Johnson, B. B., & Slovic, P. (2015). Fearing or fearsome Ebola communication? Keeping the public in the dark about possible post-21-day symptoms and infectiousness could backfire. *Health, Risk & Society*, 17(5-6), 458-471.
- Johnson, B. B., Hallman, W. K., & Cuite, C. L. (2015). Modeling retrospective attribution of responsibility to hazard-managing institutions: An example involving a food contamination incident. *Risk Analysis*, 35(3), 423-433.

2014

- Johnson, B. B. (2014). How perceived gains and losses from nature trails affect trail management preferences. *Journal of Environmental Psychology*, 40, 430-439.

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- 2013
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- Johnson, B. B. (2012). Climate change communication: A provocative inquiry into motives, meanings, and means. *Risk Analysis*, 32(6), 973-991.
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- Johnson, B. B. (2010). Trust and terrorism: Citizen responses to anti-terrorism performance history. *Risk Analysis*, 30(9), 1328-1340.
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- Johnson, B. B., & White, M. P. (2010). The importance of multiple performance criteria for understanding trust in risk managers. *Risk Analysis*, 30(7), 1099-1115.
- 2008
- Johnson, B. B. (2008). Public views on drinking water standards as risk indicators. *Risk Analysis*, 28(6), 1515-1530.
- Johnson, B. B., & Pflugh, K. K. (2008). Local officials' and citizens' views on freshwater wetlands. *Society and Natural Resources*, 21, 387-403.
- 2006
- Johnson, B. B., & Chess, C. (2006). From the inside out: Environmental agency views about communications with the public. *Risk Analysis*, 26(5), 1395-1407.
- Johnson, B. B., & Chess, C. (2006). Evaluating public responses to environmental trend indicators. *Science Communication*, 28(1), 64-92.
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- Johnson, B. B. (2005). Testing and expanding a model of cognitive processing of risk information. *Risk Analysis*, 25(3), 631-650.
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- Johnson, B. B. (2004). Varying risk comparison elements: Effects on public reactions. *Risk Analysis*, 24(1), 103-114.
- 2003
- Johnson, B. B., & Chess, C. (2003). How reassuring are risk comparisons to pollution standards and emission limits? *Risk Analysis*, 23(5), 999-1007.
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- Johnson, B. B. (2003). Further notes on public response to uncertainty in risks and science. *Risk Analysis*, 23(4), 781-789. [Erratum: *Risk Analysis*, 2004, 24, 781]
- Johnson, B. B. (2003). Are some risk comparisons more effective under conflict?: A replication and extension of Roth et al. *Risk Analysis*, 23(4), 767-780.
- Burger, J., Johnson, B. B., Shukla, S., & Gochfeld, M. (2003). Perceptions of recreational fishing boat captains: Knowledge and effects of fish consumption advisories. *Risk Analysis*, 23(2), 369-378.
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- Johnson, B. B. (2002). Gender and race in beliefs about outdoor air pollution. *Risk Analysis*, 22(4), 725-738.
- Johnson, B. B. (2002). Comparing bottled water and tap water: Experiments in risk communication. *Risk: Health, Safety & Environment*, 13, 69-94.
- 2001
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- 2000
- Johnson, B. B. (2000). Utility customers' views of the Consumer Confidence Report of drinking water quality. *Risk: Health, Safety & Environment*, 11, 309-328.
- 1999
- Johnson, B. B. (1999). Risk comparisons in a democratic society: What people say they do and do not want. *Risk: Health, Safety & Environment*, 10, 221-230.
- Johnson, B. B. (1999). Exploring dimensionality in the origins of hazard-related trust. *Journal of Risk Research*, 2(4), 325-354.
- Johnson, B. B. (1999). Ethical issues in risk communication: continuing the discussion. *Risk Analysis*, 19(3), 335-348.
- 1998

- Johnson, B. B., & Slovic, P. (1998). Lay views on uncertainty in environmental health risk assessment. *Journal of Risk Research*, 1(4), 261-279.
- 1995
- Johnson, B. B., & Slovic, P. (1995). Presenting uncertainty in health risk assessment: initial studies of its effects on risk perception and trust. *Risk Analysis*, 15(4), 485-494.
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- Johnson, B. B., & Slovic, P. (1994). "Improving" risk communication and risk management: legislated solutions or legislated disasters? *Risk Analysis*, 14(6), 905-906.
- 1993
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- Johnson, B. B. (1993). "The mental model" meets "the planning process": Wrestling with risk communication research and practice. *Risk Analysis*, 13, 5-8.
- 1992
- Johnson, B. B., Sandman, P. M., & Miller, P. (1992). Testing the role of technical information in public risk perception. *Risk: Issues in Health & Safety*, 3, 341-364.
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- 1991
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- 1988
- Major, D. C., Johnson, B. B., Cole, R. H., Hosier, R., & Morrison, M. (1988). Environmental project reevaluation with rising calendar time benefits. *Journal of Environmental Systems*, 17(3), 167-175.
- 1987
- Johnson, B. B. (1987). Accounting for the social context of risk communication. *Science and Technology Studies*, 5, 103-111.
- Johnson, B. B. (1987). Public concerns and the public role in siting nuclear and chemical waste facilities. *Environmental Management*, 11, 571-586.
- 1982
- Johnson, B. B. (1982). Project evaluation in international development. *Issues in Engineering: Journal of Professional Activities*, 108(2), 122-132.
- 1980

Johnson, B. B. (1980). Federal wastewater reuse policy: Institutional and attitudinal obstacles to national progress. *Resource Recovery and Conservation*, 5(2), 179-193.

1979

Johnson, B. B. (1979). Wastewater reuse and water quality planning in New England: Attitudes and adoption. *Water Resources Research*, 15, 1329-1334.

BOOK CHAPTERS

Johnson, B. B. (2010). Risk analysis. In Priest, S.H. (ed.), *Encyclopedia of Science and Technology Communication*. Thousand Oaks, CA: Sage.

Chess, C., & Johnson, B. (2020). Risk communication by organizations: The back story. In (pp. 323-342) Heath, R. L., & O'Hair, D. (eds.). *Handbook of Risk and Crisis Communication*. New York: Routledge.

Johnson, B. B. (2010). Getting out of the swamp: Toward understanding sources of local officials' trust in wetlands management. In (pp. 211-240) Earle, T. C., & Gutscher, H. (eds.). *Trust in Cooperative Risk Management: Uncertainty and Scepticism in the Public Mind*. London: Earthscan. **[Refereed]**

Chess, C., & Johnson, B. B. (2007). Information is not enough. In (pp. 223-233) Moser, S., & Dilling, L. (eds.), *Creating a Climate for Change: Communicating Climate Change—Facilitating Social Change*. New York: Cambridge University Press, 2007. **[Refereed]**

Johnson, B. B. (1999). Trust judgements in complex hazard management systems: The potential role of concepts of the system. In (pp. 62-72) Cvetkovich, G., & Löfstedt, R. (eds.), *Social Trust and the Management of Risk*. London: Earthscan. **[Refereed]**

Monmonier, M., & Johnson, B. B. (1991). Using qualitative data gathering techniques to improve the design of environmental maps. In (pp. 364-373) Rybaczuk, K. & Blakemore, M. (eds.). *Mapping the Nations: Proceedings of the 15th International Cartographic Association Conference, Bournemouth, England, Volume 1*. London: ICA.

Johnson, B. B. (1990). Risk education and hazard management in the workplace: The role of workers' and executives' social relations. In (pp. 659-665) Cox, L.A., Jr. (ed.), *New Risks: Issues and Management*. New York: Plenum.

Johnson, B. B., & Baltensperger, B. (1987). Community risk perception: A pilot study. In (pp. 337-344) Lave, L. (ed.), *Risk Assessment and Management*. New York: Plenum.

Johnson, B. B. (1987). The environmentalist movement and grid/group analysis: A modest critique. In (pp. 147-175) Johnson, B. B. & Covello, V. T. (eds.). *The social and cultural construction of risk: Essays on risk selection and perception*. Dordrecht, Holland: Reidel (now Kluwer).

Johnson, B. B. (1985). Congress as hazard manager. In (pp. 455-475) Kates, R. W., Hohenemser, C., & Kasperson, J. X. (eds.). *Perilous progress: Managing the hazards of technology*. Boulder, CO: Westview Press. **[Refereed]**

Johnson, B. B. (1985). Tales of woe: A literature survey. In (pp. 291-310) Kates, R. W., Hohenemser, C., & Kasperson, J. X. (eds.). *Perilous progress: Managing the hazards of technology*. Boulder, CO: Westview Press. **[Refereed]**

INVITED PAPERS AND MEETINGS

Johnson, B. B. (2019). Comparing survey measures of cultural theory. National Institute for Risk and Resilience, University of Oklahoma, Tulsa, OK, 12 July.

Johnson, B. B. (2018). Trustworthiness: Avoiding the need to build and sustain trust, and what to do when you can't. 2018 Annual Meeting, Center for Research on Ingredient Safety, Michigan State University, East Lansing, MI, 14 November.

- Johnson, B. B. (2017). Building and sustaining trust in decision making processes. National Academies of Science, Engineering and Medicine Workshop on Understanding Pathways to a Paradigm Shift in Toxicity Testing and Decision Making, Washington, D.C., 20 November.
- Johnson, B. B. (2010). Climate change communication: A modest inquiry into motives, meanings, and means. Workshop on Climate Change Perceptions, Risk Communication and Public Engagement, Cumberland Lodge, Windsor Great Park, United Kingdom, 20-22 July.
- Johnson, B. B. (2007). Communicating climate change. National Estuarine Research Reserve Systems/National Estuarine Research Reserve Association annual conference, Shepherdstown, West Virginia, October 25.
- Johnson, B. B. (2007). Comparing environmental conditions to health standards: An initial assessment of the communication context and sources of trust in health standards. Department of Communications, University of Maryland, College Park, September 28.
- Johnson, B. B. (2004). International Workshop on "Dangerous" Climate Change (discussant). University of East Anglia, June 28-29.
- Johnson, B. B. (2004). Learning from the National Assessment [of Climate Change] Workshop (discussant). Washington, D.C., April 29.
- Johnson, B. B. (2002). Environmental risk communication: Implications for public education by NAS OPUS. Risk Project Planning Meeting, Office of Public Understanding of Science, National Academy of Sciences, Washington, D.C., November 22.
- Johnson, B. B. (2002). Industry neighbors' views about accidents, uncertainty, standards, and risk comparisons. George Perkins Marsh Institute, Clark University, Worcester, Massachusetts, April 2.
- Johnson, B. B. (2002). How ordinary people deal with uncertainty in health risks posed by environmental toxins. MIT Boot Camp on Medical Evidence, Cambridge, Massachusetts, April 1.
- Johnson, B. B., & Chess, C. (2000). Managerial uncertainty in neighbors' views of industrial accident prevention. Bellingham International Conference on Social Trust in Risk Management, Western Washington University, Bellingham, Washington, June 15-17.
- Johnson, B. B. (1999). Drinking water risk communication studies in New Jersey. Biannual Federal-State Toxicology and Risk Analysis Committee Meeting, Princeton, May 5-7.
- Johnson, B. B. (1998). How a multimedia approach might work for radon. American Water Works Association Water Quality Technology Conference, San Diego, November 1-4.
- Johnson, B. B. (1998). The mass media and concerns about risk: Demon, angel, or merely befuddledly human?, *and* What researchers think they know about risk perception. Annual Meeting of the International Association for Probabilistic Safety Assessment and Management, New York, September 13-18.
- Johnson, B. B. (1996). Grounding trust-related definitions in empirical research. Bellingham International Conference on Social Trust in Risk Management, Western Washington University, Bellingham, Washington, July 14-16.
- Johnson, B. B. (1995). Communicating with the public on ecological issues (workshop). Clark University/USEPA, Washington, D.C., May 24-25.
- Johnson, B. B. (1994). Principles of good communication planning. Household Hazardous Waste Conference, Austin, Texas, November 18.
- Johnson, B. B. (1993). Risk communication research (panelist). National Institute of Medicine, Washington, D.C., November 4-5.
- Johnson, B. B. (1993). Risk communication (panelist). American College of Toxicology, New Orleans, October 6.

- Johnson, B. B. (1992). Organizational risk communication - Lessons learned (panelist). The Annual Review of Research on Biological Effects of Electric and Magnetic Fields from the Generation, Delivery and Use of Electricity, San Diego, November 8.
- Johnson, B. B. (1988). Public perception of risk. Session on Perception of Risk Related to Man-Made vs. Natural Radioactivity, REM '88 (American Nuclear Society Topical Conference: Radiological Effects on the Environment Due to Electricity Generation), East Rutherford, New Jersey, July 19.
- Johnson, B. B. (1988). Risk communication. Conference of Local Emergency Planning Commissions, Traverse City, Michigan, July 12.
- Johnson, B. B. (1988). 2d Annual Meeting, International Risk Communication Research Group (panelist), Sudbury, Massachusetts, March 21-23.
- Johnson, B. B. (1988). The social construction of risk. Center for Technology, Environment, and Development, Clark University, Worcester, Massachusetts, February 29.
- Johnson, B. B. (1987). Risk communication and hazard management: Is there a difference? Seminar on Risk Communication and Environmental Management, Temple University, Philadelphia, November 18.
- Johnson, B. B. (1986). Hazard management guidelines from hazard perception and risk communication research (panelist). Hazards Research and Applications Workshop: Risk Communication and Hazards Management, University of Colorado, Boulder, July 20-23.
- Johnson, B. B. (1986). Assessing explanations of hazard perceptions. Oak Ridge National Laboratory, Oak Ridge, Tennessee, June 25.
- Johnson, B. B. (1985). Reassessing hazard identification models. CENTED, Clark University, Worcester, Massachusetts, December 20.

BOOK REVIEWS

- Johnson, B. B. (2003). "Illness and the Environment: A Reader in Contested Medicine," by Kroll-Smith, S., Brown, P., & Gunter, V. J. (eds). New York: New York University Press, 2000. *Risk Analysis*, 23(1), 238.
- Johnson, B. B. (2002). "Risk Communication: A Mental Models Approach" by Morgan, M. G., Fischhoff, B., Bostrom, A., & Atman, C. J. *Risk Analysis*, 22(4), 813-814.
- Johnson, B. B. (2002). "Risk, Uncertainty, and Rational Action" by Jaeger, C. C., Renn, O., Rosa, E. A., & Webler, T. London: Earthscan, 2001. *Risk Analysis*, 22(4), 815-817.

PAPERS DELIVERED (available upon request)

RESEARCH REPORTS AND EDUCATIONAL MATERIALS

- Monmonier, M., & Johnson, B. B. (1997). *Design Guide for Environmental Maps*, Division of Science and Research. Trenton: New Jersey Department of Environmental Protection.
- Johnson, B. B., & Slovic, P. (1994). *Explaining Uncertainty in Health Risk Assessment: Effects on Risk Perception and Trust* (Phase 1 Final Progress Report to U.S. Environmental Protection Agency as part of Cooperative Agreement No. CR820522). Eugene, Oregon: Decision Research, Inc.
- Pflugh, K. K., Shaw, J., & Johnson, B. B. (1992). *Establishing Dialogue: Planning for Successful Environmental Management; A Guide to Effective Communication Planning*, Division of Science and Research. Trenton: New Jersey Department of Environmental Protection and Energy.
- Johnson, B. B. (1991). *An Underused Resource: Users' Experiences with and Expectations of New Jersey Community Right-to-Know Data*, Division of Science and Research. Trenton: New Jersey Department of Environmental Protection and Energy.

- Shaw, J., & Johnson, B. B. (1990). *A Look Inside: Risk Communication and Public Participation within the New Jersey Department of Environmental Protection*, Division of Science and Research. Trenton: New Jersey Department of Environmental Protection.
- Johnson, B. B. (1979). *A Propositional Inventory of Technological Hazard Management*, Background Paper Series No. 1, Center for Technology, Environment, and Development. Worcester, Massachusetts: Clark University.
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- Feldman, S., Johnson, B. B., & Corbett, B. (1977). *Handbook of Water Conservation Devices*, National Technical Information Service PB283-018. Springfield, Virginia: U.S. Department of Commerce.
- Lawson, B., & Johnson, B. B. (1977). *NEW TOWN, An Urban Development and Environmental Planning Game* (rev. ed.).

PROFESSIONAL ACTIVITIES

Member, National Research Council, Committee on Human Biomonitoring of Environmental Toxicants, 2005-2006

Member, National Research Council, Committee on Drinking Water Contaminants, 1998-2000

Proposal referee:

National Science Foundation, 1985-Present (including review panel, 2003-2005)

National Oceanic and Atmospheric Administration, 1989-Present

U.S. Environmental Protection Agency, 1993-Present

Manuscript referee (selected):

American Political Science Review; Annals of the Association of American Geographers; Environmental Management; European Journal of Social Psychology; Human and Ecological Risk Assessment; Journal of Policy Analysis and Management; Journal of Risk Research; Risk Analysis; RISK: Health, Safety & Environment; Science, Technology, & Human Values; The Social Science Journal; Water Resources Research

Risk Analysis: Outstanding Reviewer Award (inaugural), 2008; Best Paper, 2010

Risk and Policy Association: President, 2005-2008

Memberships (current):

- American Association for the Advancement of Science
- Society for Risk Analysis (selected positions): SRA Fellow (appointed 2013); Member, Editorial Board, Risk Analysis, 2008-present; member, ad hoc Ethics Committee (2008-2009); Chair (1994-6) and Executive Committee (1993-4), Risk Communication Specialty Group; President, Philadelphia Chapter (1990-1991)

Courses Taught

Conservation

Controlling Technology

Environmental Policy

Environmental Policymaking I: Public Demands, Legislative Responses

Environmental Policymaking II: Implementation and Evaluation

Environmental Problems

Government, Science, and Technology

Hazard Identification, Estimation, and Evaluation

Introduction to Economic Geography

Introduction to Natural Resource Issues

Strategies of Natural and Technological Hazard Management

Technology, Science, and Social Conflict in Modern America