

ELISABETH A. GRAFFY

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A scholar-practitioner with extensive government experience, Dr. Graffy is a public policy expert specializing in institutional leadership and innovation, the science-policy interface, and contemporary models of public engagement. She has particular interest in issues involving risk and rapid change. Her current focus is on accelerating resilient and inclusive energy transitions at scale, attending to the complex intersections among political and cultural ideals, policy processes, market and legal institutions, innovation pathways, scientific developments, and environmental governance. She is the founding director of the Sustainable Energy, Equity, and Knowledge-Sharing (SEEK) Project which spurs energy transitions through social networks, out-of-the-box problem-solving, and cohesive yet novel collaborations involving multiple sectors including technical experts, faith communities, municipalities, and students.

EDUCATION

University of Wisconsin-Madison, Environment and Resources/Public Policy, Ph.D., 2005
University of Wisconsin-Madison, Agricultural Economics, M.S., 1993 (Gamma Sigma Delta Honor Society)
Princeton University, Politics (Comparative, International), A.B., 1984 (cum laude)

APPOINTMENTS

2012 – Present **Professor of Practice**, School for the Future of Innovation in Society & Consortium for Science, Policy and Outcomes; **Senior Sustainability Scientist**, Global Institute of Sustainability, Arizona State University, Tempe, AZ; **Area Lead**, Energy and Society, ASU LightWorks; **Director**, Spirituality and Sustainability Initiative; **Director**, Sustainable Energy, Equity and Knowledge-sharing (SEEK) project; **Director**, Climate Engineering Governance Initiative; **Co-Director**, Environmental Humanities Initiative

Affiliate Faculty: Center for Organization Research and Design (CORD), School of Public Affairs; Center for Energy and Society; Center for Smart Cities and Regions

Graduate Faculty: *School for the Future of Innovation in Society* (Human Dimensions of Science and Technology PhD; Science and Technology Policy MS; Public Interest Technology MS); *School of Sustainability* (Sustainability MA/MS, Sustainable Energy PhD, Sustainability PhD); *School of Complex Adaptive Systems* (PhD); *School of Human Evolution and Social Change* (Environmental Social Sciences PhD)

2011 – 2012 **Visiting Researcher**, WI Bioenergy Initiative & Dept. of Soil Science, University of Wisconsin-Madison, Madison, WI

2009 – 2011 **Economist/Policy Advisor**, Center for Science and Decisions, U.S. Geological Survey National Center -- Office of the Associate Director for Energy, Minerals, & Human Health, Reston, VA

2006 – 2009 **National Coordinator** & Liaison to the Executive Office of the President, National Environmental Status and Trends (NEST) Initiative, US Department of the Interior -- Office of the Secretary, Washington, DC

- 2007 – 2009 **Program Manager**, Environmental Indicators, US Geological Survey National Center -- Office of the Associate Director for Geography, Reston, VA
- 2001 – 2006 **Economist**, Center for Science and Policy, US Geological Survey, Western Geographic Science Center, Menlo Park, CA
- 1995 – 2001 **National Policy Advisor**, National Water Quality Assessment Program – Office of the Chief, US Geological Survey National Center, Reston, VA
- 1994 – 1995 **Policy Analyst**, Food and Environment Program, US Congress, Office of Technology Assessment, Washington, DC

SPECIAL APPOINTMENTS

- 2014 – 2016 **Honorary Fellow**, Center for Sustainability and the Global Environment, Nelson Institute for Environmental Studies, University of Wisconsin-Madison
- 2014 -- 2015 **Visiting Scholar**, Department of Electrical & Computer Engineering; Department of Mechanical Engineering-Engineering Mechanics, Michigan Technological University, Houghton, MI
- 2009 -- 2011 **Member**, Powell Center Working Group on Integrated Energy Assessment, US Geological Survey, Fort Collins, CO/Reston, VA
- 2006 – 2009 **Coordinator, Office of the Secretary, Department of the Interior**. Appointed by the Acting Secretary of the Interior to serve as the Department's senior staff lead and federal team coordinator on the National Environmental Status and Trends (NEST) initiative, working closely with the White House Council on Environmental Quality to craft policy strategy; leading the federal team of senior staff representing cabinet-level leadership from the Environmental Protection Agency, Department of Energy, Department of Agriculture (both ag and forestry), National Oceanic and Atmospheric Agency; interacting with national and state stakeholders; and managing consultations and contracts with the National Academy of Public Administration.

SELECTED ADDITIONAL CAREER HISTORY

- Consulting Economist** ▪ Wisconsin Legislative Audit Bureau, Madison WI 1993-94
- Certified Multi-Party Farm Credit Mediator** ▪ Wisconsin Department of Agriculture, Madison WI, 1991-94
- MUCIA Fellow** ▪ Microenterprises and Small Businesses, U.S. Agency for International Development, 1989
- Environmental Law Assistant** ▪ Beveridge & Diamond, P.C., Washington DC, 1987
- Executive Director** ▪ Families for Children Refugee Project, Mogadishu, Somalia, 1986
- Capital Budget Analyst** ▪ Low-Income Housing, Office of Management and Budget, New York NY, 1984-86

SELECTED INTERNSHIPS ▪ Carnegie Endowment for International Peace, New York NY; Philadelphia Commission on Human Relations, Philadelphia, PA; Farm Mediation and Arbitration Program, Wisconsin Department of Agriculture and Consumer Protection.

HONORS AND AWARDS

- Marshall E. Dimock Award (best article of the year) in PUBLIC ADMINISTRATION REVIEW, 2009
- Louis Brownlow Award (best article of the year by a practitioner) in PUBLIC ADMINISTRATION REVIEW, 2009
- U.S. Geological Survey Exceptional Performance award, 2008
- U.S. Department of the Interior Exceptional Performance award, 2006
- U.S. Geological Survey Star Award, 1998, 2000, 2002, 2004, 2008

Gamma Sigma Delta Honor Society, inducted 1991
Most Promising Freshman Mediator, WI Farm Mediation & Arbitration Program, 1991
Midwest Universities Consortium for International Activities (MUCIA) Fellowship, 1989
Title VI Foreign Area & Language Studies (FLAS) Fellowship (East Africa, Swahili), 1988, 1989

PUBLICATIONS

Peer Reviewed Articles

1. Graffy, Elisabeth A. Fracking Controversies and Critical Fault Lines at the Environmental and Energy Policy Interface, in preparation.
2. Graffy, Elisabeth A and Michael Hanemann, Confronting the Significance of Ambiguity in Decision-making about Energy, Water and Climate Policy, in preparation.
3. Graffy, Elisabeth A and Kevin J. Dooley, Carbon Capture, Reuse and Storage in Sustainable Energy-Climate Transitions: Thoughts on Governing a Circular Carbon Economy, in preparation.
4. Kihm, Steven, Peter Cappers, Andrew Satchwell, Elisabeth Graffy. 2018. Corporate Finance and Sustainability: The Case of the Electric Utility Industry. *JOURNAL OF APPLIED CORPORATE FINANCE*, 30: 1, 106-111.
5. Miller, Clark, Jason O'Leary, Elisabeth Graffy, Ellen Stechel, and Gary Dirks. 2015. Narrative futures and the governance of energy transitions, *FUTURES*, 70: 65–74.
6. Graffy, Elisabeth A. and Steven Kihm, 2014. Does Disruptive Competition Mean a Death Spiral for Electric Utilities? *ENERGY LAW JOURNAL*, 35(1): 1-44.
7. Haines, S., Diffendorfer, J., Baliestri, L., Berger, B., Cook, T., DeAngelis, D., Doremus, H., Gautier, D., Gallegos, T., Gerritsen, M., Graffy, E., Hawkins, S., Johnson, K., Macknick, J., McMahon, P., Modde, T., Pierce, B., Schuenemeyer, J., Semmens, D., Simon, B., Taylor, J., Walton-Day, K. 2013. A framework for quantitative assessment of impacts related to energy and mineral resource development, *NATURAL RESOURCES RESEARCH*, Open Access, <http://link.springer.com/article/10.1007/s11053-013-9208-6/fulltext.html>.
8. Graffy, Elisabeth A. 2012. Agrarian ideals, sustainability ethics, and US policy: a critique for practitioners. *JOURNAL OF AGRICULTURAL AND ENVIRONMENTAL ETHICS*, 25(4): 503-528.
9. Graffy, Elisabeth A. Compact adaptation and institutional risks of reform. 2011. *PUBLIC ADMINISTRATION REVIEW*, 71(3): 42-54.
10. Graffy, Elisabeth A. 2008. Meeting the challenges of policy-relevant science: bridging theory and practice. *PUBLIC ADMINISTRATION REVIEW*, Nov/Dec: 1087. [*Dimock Award for Best Article, 2009; Brownlow Award for Best Article by a Practitioner, 2009; sole author to receive both awards for the same article in PAR history*].
11. Graffy, Elisabeth A. and Nathaniel L. Booth. 2008. Linking environmental risk assessment and communication: an experiment in co-evolving scientific and social knowledge. *INTERNATIONAL JOURNAL OF GLOBAL ENVIRONMENTAL ISSUES*, 8(1/2): 132-146.
12. Graffy, Elisabeth A. 2006. Expert forecasts and the emergence of water scarcity on public agendas. *SOCIETY AND NATURAL RESOURCES*, 19(5): 465-472.
13. Graffy, Elisabeth A. 1998. Decision-making under Uncertainty: The Nexus Between Science and Policy, in Graffy, Ed., *WATER RESOURCES UPDATE*: 113 (Autumn) (Carbondale, Illinois: The Universities Council on Water Resources).
14. Graffy, Elisabeth A., Dennis Helsel, and David Mueller. 1996. Nutrients in the Nation's Water: Assessing Problems and Progress, FS-218-96 (Reston, VA: U.S. Geological Survey)

Books

1. U.S. Congress, Office of Technology Assessment. 1995. TARGETING ENVIRONMENTAL PRIORITIES ENVIRONMENTAL PRIORITIES FOR AGRICULTURE: REFORMING PROGRAM STRATEGIES. OTA-ENV-640 (Washington, DC: U.S. Government Printing Office), (co-author with David Ervin).
2. U.S. Congress, Office of Technology Assessment. 1995. AGRICULTURE, TRADE AND ENVIRONMENT: ACHIEVING COMPLEMENTARY POLICIES. OTA-ENV-617 (Washington, DC: U.S. Government Printing Office), (co-author with David Ervin, Sherry Showell, Leo Mayer).

Book Chapters

1. Graffy, Elisabeth A. Integrating energy transitions, adaptive resilience, and climate intervention as a public policy problem, in Burns, W., Dana, D and Nicholson, S. Eds., CLIMATE GEOENGINEERING: LAW AND GOVERNANCE, Springer, *forthcoming*.
2. Contributing author. Response to the U.S. House Select Committee on the Climate Crisis Request for Information, Julie Ann Wrigley Global Institute of Sustainability, Arizona State University, November 22, 2019.
3. Graffy, Elisabeth A. 2012. *Left High and Dry? Climate Change, Common-Pool Resource Theory, and the Adaptability of Western Water Compacts*, Chapter 12 in Durant, Robert, and Jennifer Durant, eds., DEBATING PUBLIC ADMINISTRATION: MANAGEMENT CHALLENGES, CHOICES, AND OPPORTUNITIES. PART III: Reconceptualizing Institutions for New Policy Challenges. (ASPA Series in Public Administration and Public Policy, CRC Press, 367 pages). <http://www.crcpress.com/product/isbn/9781466502369>.
4. Graffy, Elisabeth A. 2012. Why talk about civic engagement in science and technology policy and innovation? in Rawlings, K., ed., CIVIC ENGAGEMENT (Arizona Town Hall).

Conference and Workshop Summary Reports

1. Gagern, Antonius, Greg Rau, Debora Rodriguez, Phil Renforth, Wil Burns, Elisabeth Graffy. 2019. Ocean Alkalinity Enhancement: Current state of knowledge and potential role of philanthropy. September 9th, 2019 Meeting Proceedings, Half Moon Bay, California OceanKind/CeaConsulting.
2. Dirks, Lisa, Leif Hansen, Joan Asencio Yace, Alex Heid, Jacob Mans, Elisabeth Graffy, Cecilio Ortiz García, Marla Perez Lugo. 2018. PUERTO RICO RISE(ING): RESILIENCY THROUGH INNOVATION IN SUSTAINABLE ENERGY (RISE) 2018 CONVERGENCE WORKSHOP: PROJECTS, PRIORITIES, AND PARTNERS INFORMING AN ACTION-BASED RESEARCH NETWORK, Isidoro García Stadium, Mayagüez, Puerto Rico, June 21-24, 2018.
3. Graffy, Elisabeth A. 2004. Great Lakes Region in Transition: Managing Connections. 2004. In eds. L. Racevskis, M. Schulz, S. Batie, L. Libby and P. Norris, NEW GENERATION RESOURCE POLICY FOR A REGION IN TRANSITION – LAND USE, AGRICULTURE, ENVIRONMENT AND HEALTH IN THE GREAT LAKES REGION. Report on a Workshop Sponsored by the U.S. Environmental Protection Agency, Ohio State University, and Michigan State University, May 12-14: 42-45. (<http://www.aec.msu.edu/smithchair>)
4. Graffy, Elisabeth A. 1999. Enhancing policy-relevance without burning up or burning out: A strategy for scientists. In ed. Eloise Kendy, SCIENCE INTO POLICY: WATER IN THE PUBLIC REALM. TPS-99-2 (Herndon, Virginia: American Water Resources Association).

Popular Media, Commentaries & Essays

1. Morton, Evvan, Elisabeth Graffy, Klaus Lackner, Brad Allenby. Removing Carbon from the Atmosphere Must be Part of Climate Change Policy, ISSUES IN SCIENCE AND TECHNOLOGY, *forthcoming*.

2. Graffy, Elisabeth A. 2020. Community-based COVID-19 Surveillance: A Multiple Lines of Evidence, Inclusive Approach. https://www.linkedin.com/posts/elisabeth-graffy-23188717_community-based-covid-19-strategies-for-resilience-ugcPost-6651152215287349248-6Qpl
3. Graffy, Elisabeth A. 2020. Forum, Ethics in Technology Assessment, ISSUES IN SCIENCE AND TECHNOLOGY <https://issues.org/forum36-2/> .
4. Graffy, Elisabeth, Lucia Gauchia, Winslow Burleson, Ellen Stechel, Elizabeth Chalecki, Jacqueline Tidwell. 2017. Safeguarding the resilience of power and transportation infrastructures during transitions to sustainability, THE CIP REPORT, July 20. <https://cip.gmu.edu/2017/07/20/safeguarding-resilience-power-transportation-infrastructures-transitions-sustainability/>
5. Graffy, Elisabeth A. 2016. Carbon Controls and a Solar Surge: Are Public Attitudes Changing the Game? THE HILL, June 16. <https://thehill.com/blogs/pundits-blog/209203-carbon-controls-and-a-solar-surge-are-public-attitudes-changing-the-game>
6. Graffy, Elisabeth A. Frameworks, Practices, Mentors, Norms: What Shapes Public Managers? 2013. PUBLIC ADMINISTRATION REVIEW, 73(2): 289–290.
7. Graffy, Elisabeth A. 2012. Book Review of Sparking a Worldwide Energy Revolution: Social Struggles in the Transition to a Post-Petrol World – By Kolya Abramsky, JOURNAL OF POLICY RESEARCH, DOI: 10.1111/j.1541-1338.2011.00555_1.x
8. Graffy, Elisabeth A. 2011. Negotiation and the 4 Cs. NEGOTIATION GUIDANCE ASSOCIATES NEWSLETTER, <http://negotiationguidance.com/>
9. Graffy, Elisabeth A. Commentary on Break Through: From the Death of Environmentalism to the Politics of Responsibility, by Ted Nordhaus & Michael Shellenberger. 2010. SUSTAINABILITY: SCIENCE, PRACTICE & POLICY, <http://ejournal.nbii.org/archives/e-letterbox/communitydiscussion.breakthrough.html>.
10. Graffy, Elisabeth A. Low-level detection of pesticides...so what? 1998. JOURNAL OF SOIL AND WATER CONSERVATION, 53(1): 11-12.
11. Ervin, David E. and Elisabeth A. Graffy. 1996. Leaner Environmental Policies for Agriculture. CHOICES, 11(4): 27-33.
12. Ervin, David E. and Elisabeth A. Graffy. 1995. Technology for production and environmental quality: Are we missing opportunities for complementarity? JOURNAL OF SOIL AND WATER CONSERVATION, 50(4): 352-353 (with D. Ervin).
13. Ervin, David E., Ford C. Runge, Elisabeth A. Graffy, Willis E. Anthony, Sandra S. Batie, Paul Faeth, Timothy Penny, Timothy Warman. Agriculture and the Environment: A New Strategic Vision. 1998. ENVIRONMENT, 40(6), July/August: 8-15, 35-40.
14. Graffy, Elisabeth A. 1997. Study Details Contradictions in U.S. Asylum Policy. REFUGEES INTERNATIONAL NEWSLETTER, 3(2), Spring (Washington, DC: Refugees International).

Peer-Reviewed Major Reports – Manager/Editor

USGS National Water Quality Assessment Program, SUMMARY REPORT SERIES -- 36 individually published, 70-page reports, 1998-2001. (http://water.usgs.gov/nawqa/studies/study_units_listing.html). I conceptualized, designed, managed and guided a multi-year process involving hundreds of people, from content development to strategic distribution to policy stakeholders and members of Congress. Among several innovations, I a) designed the report series and individual reports to respond to stakeholder needs for translational and serviceable information, b) developed a recognizable visual identity and informational style the entire series, c) designed and led workshops around the US to teach multidisciplinary science teams how to conduct integrated policy-relevant analysis as well as principles of science communication and “science-policy process 101,” d) intensively coached authors and teams, e) devised new peer review processes to include stakeholders, f) reviewed and edited every report to ensure quality and consistency

with the larger body of knowledge being generated by the research program, g) led Congressional and other stakeholder engagement strategies, and h) evaluated series impact.

1. Ebbert, James C., Embrey, Sandra S., Black, Robert W., Tesoriero, Anthony J., and Haggland, Alan L., 2000, Water quality in the Puget Sound Basin, Washington and British Columbia, 1996-98: U.S. Geological Survey Circular 1216, 31 p. Available Online
2. Hughes, W. Brian, Abrahamsen, Thomas A., Maluk, Terry L., Reuber, Eric J., and Wilhelm, Lance J., 2000, Water-quality in the Santee River Basin and coastal drainages, North and South Carolina, 1995-98: U.S. Geological Survey Circular 1206, 32 p. Available Online
3. Kleiss, Barbara A., Coupe, Richard H., Gonthier, Gerard J., and Justus, Billy G., 2000, Water quality in the Mississippi Embayment, Mississippi, Louisiana, Arkansas, Missouri, Tennessee, and Kentucky, 1995-98: U.S. Geological Survey Circular 1208, 36 p. Available Online
4. McPherson, Benjamin F., Miller, Ronald L., Haag, Kim H., and Bradner, Anne, 2000, Water quality in southern Florida, 1996-98: U.S. Geological Survey Circular 1207, 32 p. Available Online
5. Myers, Donna N., Thomas, Mary Ann, Frey Jeffrey W., Rheume, Stephen J., and Button, Daniel T., 2000, Water quality in the Lake Erie-Lake Saint Clair Drainages, Michigan, Ohio, Indiana, New York, and Pennsylvania, 1996-98: U.S. Geological Survey Circular 1203, 35 p. Available Online
6. Fuhrer, Gregory J., Gilliom, Robert J., Hamilton, Pixie A., Morace, Jennifer L., Nowell, Lisa H., Rinella, Joseph F., Stoner, Jeffrey D., and Wentz, Dennis A., 1999, The quality of our Nation's waters--Nutrients and pesticides: U.S. Geological Survey Circular 1225, 82 p. Available Online
7. Ator, Scott W., Blomquist, Joel D., Brakebill, John W., Denis, Janet M., Ferrari, Matthew J., Miller, Cherie V., and Zappia, Humbert, 1998, Water quality in the Potomac River Basin, Maryland, Pennsylvania, Virginia, West Virginia, and the District of Columbia, 1992-96: U.S. Geological Survey Circular 1166, 38 p. Available Online
8. Berndt, Marian P., Hatzell, Hilda H., Crandall, Christy A., Turtora, Michael, Pittman, John R., and Oaksford, Edward T., 1998, Water quality in the Georgia-Florida Coastal Plain, Georgia and Florida, 1992-96: U.S. Geological Survey Circular 1151, 34 p. Available Online
9. Bevans, Hugh E., Lico, Michael S., and Lawrence, Stephen J., 1998, Water quality in the Las Vegas Valley area and the Carson and Truckee River Basins, Nevada and California, 1992-96: U.S. Geological Survey Circular 1170, 47 p. Available Online
10. Clark, G.M., Maret, T.R., Rupert, M.G., Maupin, M.A., Low, W.H., and Ott, D.S., 1998, Water quality in the Upper Snake River Basin, Idaho and Wyoming, 1992-95: U.S. Geological Survey Circular 1160, 35 p. Available Online
11. Dennehy, Kevin F., Litke, David W., Tate, Cathy M., Qi, Sharon L., McMahon, Peter B., Bruce, Breton W., Kimbrough, Robert A., and Heiny, Janet S., 1998, Water quality in the South Platte River Basin, Colorado, Nebraska, and Wyoming, 1992-95: U.S. Geological Survey Circular 1167, 38 p. Available Online
12. Dubrovsky, Neil M., Kratzer, Charles R., Brown, Larry R., Gronberg, JoAnn M., and Burow, Karen R., 1998, Water quality in the San Joaquin-Tulare Basins, California, 1992-95: U.S. Geological Survey Circular 1159, 38 p. Available Online
13. Fenelon, Joseph M., 1998, Water quality in the White River Basin, Indiana, 1992- 96: U.S. Geological Survey Circular 1150, 34 p. Available Online
14. Frenzel, S.A., Swanson, R.B., Huntzinger, T.L., Stamer, J.K., Emmons, P.J., and Zelt, R.B., 1998, Water quality in the Central Nebraska Basins, Nebraska, 1992-95: U.S. Geological Survey Circular 1163, 33 p. Available Online
15. Frick, Elizabeth A., Hippe, Daniel J., Buell, Gary R., Couch, Carol A., Hopkins, Evelyn H., Wangsness, David J., and Garrett, Jerry W., 1998, Water quality in the Apalachicola-Chattahoochee-Flint River Basin, Georgia, Alabama, and Florida, 1992-95: U.S. Geological Survey Circular 1164, 38 p. Available Online

16. Garabedian, S.P., Coles, J.F., Grady, S.J., Trench, E.C.T., and Zimmerman, M.J., 1998, Water quality in the Connecticut, Housatonic, and Thames River Basins, Connecticut, Massachusetts, New Hampshire, New York, and Vermont, 1992-95: U.S. Geological Survey Circular 1155, 32 p. Available Online
17. Land, Larry F., Moring, J. Bruce, Van Metre, Peter C., Reutter, David C., Mahler, Barbara J., Shipp, Allison A., and Ulery, Randy L., 1998, Water quality in the Trinity River Basin, Texas, 1992-95: U.S. Geological Survey Circular 1171, 39 p. Available Online
18. Levings, Gary W., Healy, Denis F., Richey, Steven F., and Carter, Lisa F., 1998, Water quality in the Rio Grande Valley, Colorado, New Mexico, and Texas, 1992-95: U.S. Geological Survey Circular 1162, 39 p. Available Online
19. Lindsey, Bruce D., Breen, Kevin J., Bilger, Michael D., and Brightbill, Robin A., 1998, Water quality in the Lower Susquehanna River Basin, Pennsylvania and Maryland, 1992-95: U.S. Geological Survey Circular 1168, 38 p. Available Online
20. Peters, Charles A., Robertson, D.M., Saad, D.A., Sullivan, D.J., Scudder B.C., Fitzgerald, F.A., Richards, K.D., Stewart, J.S., Fitzgerald, S.A., and Lenz, B.N., 1998, Water quality in the Western Lake Michigan drainages, Wisconsin and Michigan, 1992-95: U.S. Geological Survey Circular 1156, 40 p. Available Online
21. Petersen, James C., Adamski, James C., Bell, Richard W., Davis, Jerri V., Femmer, Suzanne R., Freiwald, David A., and Joseph, Robert L., 1998, Water quality in the Ozark Plateaus, Arkansas, Kansas, Missouri, and Oklahoma, 1992-95: U.S. Geological Survey Circular 1158, 33 p. Available Online
22. Spruill, Timothy B., Harned, Douglas A., Ruhl, Peter M., Eimers, Jo Leslie, McMahon, Gerard, Smith, Kelly E., Galeone, David R., and Woodside, Michael D., 1998, Water quality in the Albemarle-Pamlico Drainage Basin, North Carolina and Virginia, 1992-95: U.S. Geological Survey Circular 1157, 36 p. Available Online
23. Stoner, J.D., Lorenz, D.L., Goldstein, R.M., Brigham, M.E., and Cowdery, T.K., 1998, Water quality in the Red River of the North Basin, Minnesota, North Dakota, and South Dakota, 1992-95: U.S. Geological Survey Circular 1169, 33 p. Available Online
24. Wall, Gary R., Riva-Murray, Karen, and Phillips, Patrick J., 1998, Water quality in the Hudson River Basin, New York and adjacent states, 1992-95: U.S. Geological Survey Circular 1165, 32 p. Available Online
25. Wentz, Dennis A., Bonn, Bernadine A., Carpenter, Kurt D., Hinkle, Stephen R., Janet, Mary L., Rinella, Frank A., Uhrich, Mark A., Waite, Ian R., Laenen, Antonius, and Bencala, Kenneth E., 1998, Water quality in the Willamette Basin, Oregon, 1991-95: U.S. Geological Survey Circular 1161, 34 p. Available Online
26. Williamson, Alex K., Munn, Mark D., Ryker Sarah J., Wagner, Richard J., Ebbert, James C., and Vanderpool, Ann M., 1998, Water quality in the Central Columbia Plateau, Washington and Idaho, 1992-95: U.S. Geological Survey Circular 1144, 35 p. Available Online
27. Cordy, Gail E., Gellenbeck, D.J., Gebler, Joseph B., Anning, David W., Coes, Alissa L., Edmonds, R.J., Rees, Julie A.H., and Sanger, H.W., 2001, Water quality in Central Arizona Basins, Arizona, 1995-98: U.S. Geological Survey Circular 1213, 38 p. Available Online
28. Domagalski, Joseph L., Knifong, Donna L., Dileanis, Peter D., Brown, Larry R., May, Jason T., Connor, Valerie, and Alpers, Charles N., 2001, Water quality in the Sacramento River Basin, California, 1994-98: U.S. Geological Survey Circular 1215, 36 p. Available Online
29. Groschen, George E., Harris, Mitchell A., King, Robin B., Terrio, Paul J., and Warner, Kelly L., 2001, Water quality in the Lower Illinois River Basin, Illinois, 1995-98: U.S. Geological Survey Circular 1209, 36 p. Available Online

30. Hampson, Paul S., Treece, Jr., M.W., Johnson, Gregory C., Ahlstedt, Steven A., and Connell, Joseph F., 2001, Water quality in the Upper Tennessee River Basin, Tennessee, North Carolina, Virginia, and Georgia 1994-98: U.S. Geological Survey Circular 1205, 32 p. Available Online
31. Kalkhoff, Stephen J., Barnes, Kimberlee K., Becher, Kent D., Savoca, Mark E., Schnoebelen, Douglas J., Sadorf, Eric M., Porter, Stephen D. and Sullivan, Daniel J., 2001, Water quality in the Eastern Iowa Basins, Iowa and Minnesota, 1996-98: U.S. Geological Survey Circular 1210, 37 p. Available Online
32. Paybins, Katherine S., Messinger, Terence, Eychaner, James H., Chambers, Douglas B., and Kozar, Mark D., 2001, Water quality in the Kanawha-New River Basin, West Virginia, Virginia, and North Carolina, 1996-98: U.S. Geological Survey Circular 1204, 32 p. Available Online
33. Spahr, Norman E., Apodaca, Lori E., Deacon, Jeffrey R., Bails, Jeffrey B., Bauch, Nancy J., Smith, Michelle, and Driver, Nancy E., 2001, Water quality in the Upper Colorado River Basin, Colorado, 1996-98: U.S. Geological Survey Circular 1214, 33 p. Available Online
34. Stark, J.R., Hanson, P.E., Goldstein, R.M., Fallon, J.D., Fong, A.L., Lee, K.E., Kroening, S.E., and Andrews, W.J., 2001, Water quality in the Upper Mississippi River Basin, Minnesota, Wisconsin, South Dakota, Iowa, and North Dakota, 1995-98: U.S. Geological Survey Circular 1211, 35 p. Available Online
35. Ayers, Mark A., Kennen, Jonathan G., and Stackelberg, Paul E., 2000, Water quality of the Long Island-New Jersey Coastal Drainages, New Jersey and New York, 1996-98: U.S. Geological Survey Circular 1201, 40 p. Available Online
36. Bush, Peter, W., Ardis, Ann F., Fahlquist, Lynne, Ging, Patricia B., Hornig, C. Evan, and Lanning-Rush, Jennifer, 2000, Water quality in South-Central Texas, Texas, 1996-98: U.S. Geological Survey Circular 1212, 32 p. Available Online

PROFESSIONAL SERVICE, ASSOCIATIONS AND LEADERSHIP

Journals

Section Co-Editor, Water, CASE STUDIES IN THE ENVIRONMENT, 2020-present

Review Editor/Editorial Board of Negative Emission Technologies for FRONTIERS IN CLIMATE, 2020-present

Handling Editor, SUSTAINABILITY SCIENCE JOURNAL, 2013-15, 2015-17

Editorial Board, PUBLIC ADMINISTRATION REVIEW, 2009-2013

Reviewer

Expert reviewer for special volumes, federal reports and proposals

Expert Reviewer, Summary for Policymakers and other chapters, IPCC SIXTH ASSESSMENT REPORT (AR6), Intergovernmental Panel on Climate Change, 2020-21

Journal Referee:

ELEMENTA: SCIENCE OF THE ANTHROPOCENE

ENERGY POLICY

FRONTIERS IN CLIMATE

INTERNATIONAL JOURNAL OF ENTREPRENEURSHIP AND SMALL BUSINESS

INTERNATIONAL JOURNAL OF PUBLIC ADMINISTRATION

JOURNAL OF ECOLOGICAL ECONOMICS

JOURNAL OF ENVIRONMENTAL MANAGEMENT

JOURNAL OF POLICY RESEARCH

PUBLIC ADMINISTRATION REVIEW

RENEWABLE AGRICULTURE AND FOOD SYSTEMS

SUSTAINABILITY SCIENCE JOURNAL

Elected Offices

- Immediate Past Chair, Executive Committee, Section on Women in Public Administration, American Association of Public Administration, 2016-17
- Chair, Executive Committee, Section on Women in Public Administration, American Association of Public Administration, 2015-16
- Vice-Chair, Executive Committee, Section on Women in Public Administration, American Association of Public Administration, 2014-15
- National Board Member, American Society for Public Administration (ASPA) - Section on Women in Public Administration, Elected to two terms, 2009-13, 2013-16. *Chair*, Professional Development Committee, 2013-15; *Co-Chair*, Professional Development Committee, 2011-13

Advisory

- Adviser, GreenFaith, *Playing God*, 2018
- Adviser, Institutional Reinvention and Engagement Strategies, Collaboration Team for Redesign of the Human Resources System, University of Wisconsin-Madison, 2011-2015
- Adviser, The Access Initiative: Assessing Public Access to Environmental Decision-Making, Governance Program, World Resources Institute, 2001-02
- *Panelist*, Graduate Women in Science Careers, Women in Science & Engineering Leadership Institute (WISELI), University of Wisconsin-Madison, 2005

Invited or Appointed Task Forces, Working Groups, or Committees

- Advisory Committee, Public Engagement Subcommittee, Project Vesta, 2020-present
- Working Group, Pathways to a Carbon-Neutral Arizona Economy, Pathway 4 (Left Behind), 2020-21
- Advisory Consortium, Bert & Phyllis Lamb Prize in Political Science, 2013-present
- Member, Burchfield Award Committee, *PUBLIC ADMINISTRATION REVIEW*, 2011-12
- Member, Societal Indicators of Climate Change Advisory Workshop, Office of Science and Technology Policy, 2011
- Interagency Working Group, Science of Science Policy, 2009-11
- Chair, Louis Brownlow Award Committee, *PUBLIC ADMINISTRATION REVIEW*, 2010
- Invited Member, Johnson Foundation, Wingspread National Freshwater Dialogue, 2009-2010
- Federal Lead, consultancy with National Academy of Public Administration, 2007-2008
- Invited Participant, Department of the Interior Representative, Johnson Foundation Wingspread Leadership Summits for a Sustainable America, 2006
- Member, Interagency Working Group on Indicators, White House Council on Environmental Quality, 2003
- Invited Participant, Next Generation of Environmental Policy Project, Agriculture & Environment, Yale University, 1996

Steering Committees and Board Directorships

- Leadership Committee, Midvale Community Garden, Madison, WI 2019-present
- Leadership Team, Future of Energy Forums, a joint effort of Arizona State University, University of Wisconsin-Madison, Wisconsin Academy of Arts and Sciences, Madison, WI, 2015
- Steering Committee, Marquette Law School Public Service Conference, Water and People, 2009-10
- Steering Committee, National Academies of Science, Workshop on Sustainable Biofuels, 2008-09
- Board of Directors, Healthy Lawn Team, 2003-7

- Board of Directors, Urban Open Space Foundation, 2002-03
- Steering Committee, Working Landscapes Conference, Delavan, WI, 2000-01
- Board of Directors, Eagle Heights Community Gardens, Madison, WI, 1996-98

Professional Affiliations: American Society for Public Administration; Association for Environmental Studies and Sciences; Society for the Social Study of Science (4S) , American Solar Energy Society, Association for the Advancement of Sustainability in Higher Education (AASHE), National Community Solar Partnership

RESEARCH GRANTS

- Co-Principal Investigator, Addressing Systems Challenges through Engineering Teams (ASCENT), *ASCENT Preproposal: Sensor-enabled Wildfire Awareness and Risk Management (WARM) for Electric Power Infrastructure*, \$1,500,000. National Science Foundation, under review.
- Co-Principal Investigator, Sustainable Regional Systems Research Networks (SRS), *SRS RN: Sustainable Southwest Urban and Rural Environments (SSURE)*, \$13,520,601. National Science Foundation, under review.
- Principal Investigator, Sustainable Energy, Education and Knowledge-sharing (SEEK) project: multiple sources including Ramsey Social Justice Foundation, 2019-20, \$85,000; ASU LightWorks, 2018, \$10,000; Raza Development Fund, 2019-20, \$2,000; in-kind partner resources from USEPA and others; ongoing fundraising.
- Co-Principal Investigator: Risks of Carbon Dioxide Removal, a multidisciplinary assessment, Sustainable Fuels and Products Seed Fund, 2018, \$12,000.
- Co-Principal Investigator, Developing socially and economically generative, resilient PV-energy systems for low- and moderate-income communities: Applications for Puerto Rico (US Department of Energy): 2019-2021, \$1,229,307.
- Co-Principal Investigator, Advancing Solar Innovation for Low and Moderate Income Households: Analysis of the Arizona Experience (US Department of Energy SEEDS II): 2016-2019, \$733,104.
- Principal Investigator, Spirituality and Sustainability, exploratory grant (ASU-LightWorks): 2015-ongoing, \$40,000.
- Principal Investigator, Household Independent Power Project, Power Up Libraries, (ASU-LightWorks): 2013-2016, \$8,000 seed funding; in-kind partner resources at two US library sites.
- Co-Principal Investigator, Coastal Habitats in Puget Sound (CHIPS) Program, Consequences of the Elwha River Dam Removal on Nearshore Habitats and Ecosystems 92005), 2006, \$1,221,400.
- Principal Investigator, Vulnerability Maps and Portal, U.S. Geological Survey Director's Venture Capital Award, 2003-04, \$70,000.

Grant Reviewer/Panels

National Science Foundation, Science, Technology and Society Program
 EPA Pathfinder Innovation Awards, 2011
 US Department of Agriculture, 1997

TEACHING

PIT 503 Technology Impact Assessment (Public Interest Technology MS Core Course) (Spring 2021; online)
 SOS 573 Sustainable Energy III: Energy Futures (Fall, 2018; core Sustainable Energy PhD sequence)
 HSD 598/SOS 598/PAF 591 - Sustainable Energy as a Social Problem (Spring 2013-2017, 15 week face to face, 15 week hybrid, 7.5 week hybrid formats)
 HSD 598 - Energy and Social Movements (Fall 2014, 7.5 week hybrid format)

HSD 598 - Energy Blogging and Political Discourse (Fall 2013, 7.5 week hybrid format)
HSD 598 - Energy, Ethics, Policy and Society (Spring 2013, Fall, 2014)
IES/URPL 865 - Water Resources Policy and Institutions, School of Urban and Regional Planning/Institute for Environmental Studies, Spring 2003 (co-taught with Steve Born) (Spring 2001)
Science-Policy Workshops: U.S. Department of the Interior, U.S. Geological Survey, 1996-2001.
As National Policy Advisor, designed and taught numerous workshops to multidisciplinary teams of scientists nationwide aimed at building mastery of science-policy nexus concepts, effective transdisciplinary analysis, and communication to enhance decision-making.

GUEST LECTURES (SELECTED)

Getting a Handle on Energy Transitions, SEC20 History & Politics of Resource Innovation - Energy, Transportation and Water, Northwestern University, November 10, 2020 (Prof. Wil Burns).

Framing Water Issues For Making Environmental Policy, International Environmental Politics -- ESPM 169, UC-Berkeley, July 2020 (Prof. Wil Burns)

Death spirals, solar rooftops, and the politics of sustainable, resilient energy systems, IGERT-SUN, Arizona State University, April 10, 2015

Energy Change as a Public Administration Challenge. HSD 598: Energy, Ethics, Society, and Policy Seminar, Arizona State University, February 2011 (Prof. Clark Miller, Dr. Gary Dirks)

Science, Policy and Public Agendas. Environmental Politics and Policy 301: University of Wisconsin–Green Bay, School of Public Affairs, September 2011 (Prof. Michael Kraft)

Understanding the Role of Sustainability Indicators in Policy Development, Graduate special seminar: Dane County Sustainability, School of Urban and Regional Planning, University of Wisconsin-Madison, June 2011 (Prof. James LaGro)

WEB SITES

Spirituality and Sustainability, <https://sustainability-innovation.asu.edu/ssi/>

SEEK Project website, <https://www.seek-project.org/> and <https://sustainability.asu.edu/research/project/sustainable-energy-education-and-knowledge-sharing-see-project/>

ASU Environmental Humanities Initiative, <https://sustainability.asu.edu/environmental-humanities/>

USGS Vulnerability Portal Website, Project Co-Lead (with N. Booth). 2003-4; prototype of interactive environmental risk assessment, query and scenario-driven communication between scientists and publics.

Wisconsin Water Policies Inventory, Project Co-Lead (with S. Born). 2003; developed and launched a query-driven website of all state water laws with graduate students in Water Resources Policy and Institutions seminar, University of Wisconsin-Madison. Public access maintained 2003-07.

PUBLIC PRESENTATIONS (SELECTED)

Accelerating Societal Energy Transitions by Linking Faith and Science, Conference on Faith and Science February 13, 2021

Clean, Resilient, Sustainable Transportation, ASU-SRP Transportation Seminar, December 10, 2020

Accelerating Sustainable Energy Transitions through University-Faith Sector Partnerships, Global Conference on Sustainability in Higher Education, Association for Advancing Sustainability in Higher Education, Milwaukee, WI, October 20-22, 2020.

STGlobal Webinar -- Enhancing the Impact of Science-Policy Communication through a "Functions of Information" Model. Knowledge in Action: Effective Scholarly Communication for Impacting the Policymaking Process, September 24, 2020

Ambiguous & Wicked: Integrating energy, adaptation, and climate Intervention governance, in *Accommodating A Plurality Of Values When Engaging Emerging Technologies In Sustainability Transitions – On Designing For Safety And Security In A Warming World II*, EASST/4S, August 21, 2020.

Characteristics of a responsible risk-based approach to CDR in the US / California. Presented at *Prospects for Carbon Dioxide Removal in Climate Policy-Making within the United States*, UC-Davis, hosted by Chatham House, the Royal Institute of International Affairs, and the Institute for Carbon Removal Law and Policy, American University, November 15, 2019.

Ambiguously Wicked: Integrating energy transitions, adaptation, and climate responses through a unifying policy lens, Energy Decision-Making in Times of Disruptive Change, Energy Policy Research Conference 9 – Boise, Idaho, October 1, 2019

Governance Aspects of Ocean Alkalinity Enhancement. Presented with Wil Burns. Funder and expert convening on Ocean Alkalinity Enhancement. The Beach House, Half Moon Bay, CA. September 9, 2019.

Mining the Sky, Innovations, Interruptions, Regenerations -- STS Underground 1: Mining Knowledge Practices, 4S – New Orleans, September 4, 2019

Climate-Energy Transformations and the Myth of a Long Tomorrow, Crafting the Long Tomorrow Workshop, Biosphere 2, February 23, 2019

The Politics of Inclusive Governance & the New Carbon Frontier, The Role of Carbon Management in Creating a Pathway to Sustainability, Illinois Institute of Technology, Chicago, IL, April 13, 2018

The Power of Myth: Evaluating Prospects for Climate-Energy Transformation, Humanities in the Anthropocene: Rethinking Impact, Arizona State University, January 12-13, 2018

Making Sense of a "Public" Role in Climate Engineering Governance, Climate Engineering Governance 2017: Deepening the Dialogue, University of Wisconsin-Madison, September 15, 2017. [Inaugural event of the Climate Engineering Governance Initiative.]

Discussant, Searching for Answers on a Warming Planet: Why We May Need Climate Engineering, Keynote by Simon Nicholson, American University and Forum for Climate Engineering Assessment, September 14, 2017; Kickoff public event for the workshop, Climate Engineering Governance 2017: Deepening the Dialogue, University of Wisconsin-Madison, September 14-15, 2017.

Participant/Presenter (Opposition Leader), Petro-States: 4th Annual Fred Friendly Seminar on International Affairs, International Studies Association Annual Convention, Innovative Panel, Baltimore, MD, March 2017

Moderator, Bioenergy and Carbon Capture and Storage (BECCS), Carbon Dioxide Removal/Negative Emissions Technologies Workshop, Forum for Climate Engineering Assessment, Berkeley, CA, Feb 8, 2017

Engaging Consumer-Citizens in the Transition to Sustainable Energy Systems: Preliminary Results from the Power Up Lending Libraries, Science, Technology, and the Environment: Harnessing the Capacity of Innovation for Sustainable Governance Track (Innovative Tools and Approaches to Economic Development), American Society for Public Administration National Conference, Seattle, WA, 2016.

Exploring Prospects for Transformative, Sustainable Energy System Change, University of Wisconsin-Madison, Weston Roundtable, December 10, 2015. <http://sage.wisc.edu/weston/index>

Energy and Sustainability Education: Improving the Politics and Public Policy Discourse, Council of Energy Education and Research Leaders (CEREL) of the National Council for Science and the Environment (NCSE), webinar, Dec 7, 2015

Stability, Innovation and Evolution in the Power Sector, University of Wisconsin-Madison, Future of Energy Forums, November 12, 2015

Leading successful succession of section leadership: SWPA experience, American Society for Public Administration Annual Chapter and Section Leadership Meeting, November 7, 2015, Arlington, VA

Death Spirals and Energy Independence: The Volatility of Contemporary Energy Policy, Michigan Technological University, October 1, 2015

The Sociopolitical Context of Public and Private Investment in Emerging Power Systems, SEL Modern Solutions Power Conference, Chicago, IL, June 3, 2015

Participant/Presenter (V. Putin). Energy Security: 2nd Annual Fred Friendly Seminar on International Affairs, International Studies Association Annual Convention, Innovative Panel, New Orleans, LA, February 2015.

Deconstructing Fracking as Socio-political Controversy, International Studies Association, New Orleans, February 20, 2015

Death spirals, solar rooftops, legal innovations – and the emerging politics of energy system sustainability, Weston Roundtable, University of Wisconsin-Madison, Nov 6, 2014. <http://sage.wisc.edu/weston/index>

Participant/Presenter (International Media Leader). Infectious Disease, Security, and the Downside to Globalization: A Fred Friendly Seminar on International Affairs, International Studies Association Annual Convention, Innovative Panel, Toronto, ON, Canada March 2014.

Co-Chair, double session on Energy poverty, disruption and scarcity (with Rob Bailis, Yale University). Session I: Exploring social drivers of sustainable energy innovations in the Global North and Global South; Session II: Energy poverty, disruption and scarcity: local responses and participatory socio-technological innovation spaces as drivers of sustainable energy solutions. Association for Environmental Studies and Science Annual Meeting, Pittsburgh, PA, June 19-22, 2013

Trends in the Public Response to Energy-Disrupting Storms: Move, Decentralize, Innovate, Presenter and Chair, Session II: "Energy poverty, disruption and scarcity," Association for Environmental Studies and Science Annual Meeting, Pittsburgh, PA, June 21, 2013

Why is Fracking Controversial? National Institute for Energy, Ethics and Society, Arizona State University, Tempe, AZ, April 10, 2013

Why is Fracking Controversial? Cooler Energies for a Sustainable Planet - Continuing Education seminar, (included Wisconsin focus on a national issue), University of Wisconsin-Madison, WI, April 28, 2013

Cradle to grave: an LCA for professional development, SWPA Professional Development Workshop, American Society for Public Administration National Conference, Las Vegas, NV, March 15, 2013 (with Suzanne Discenza)

Social & Technical Barriers & Burdens to Terawatt-scale Photovoltaic Technology, Joint Workshop of Quantum Energy and Sustainable Solar Technologies (QESST) and Graduates in Integrative Society and Environment Research (GISER), Arizona State University, Tempe, AZ, April 9, 2013

Engaging and Empowering Women to Address the Largely Unspoken Issues of Gender in the Workplace, SWPA Professional Development Workshop, American Society for Public Administration National Conference, Las Vegas, NV, March 4, 2012 (with Suzanne Discenza)

No Taboos: Linking facts with imagination to set course for a sustainable energy future in Arizona (and beyond), Keynote, Arizona Town Hall: "Arizona's Energy Future," Nov. 6, 2011, Grand Canyon, 2011

Confronting Complexity: Rethinking the Role of Public Attitudes in Sustainable Energy Change, Weston Roundtable Series, Center for Sustainability and the Global Environment, University of Wisconsin-Madison, October 2011. <http://sage.wisc.edu/weston/index>.

Public Attitudes as a Barometer for Sustainable Energy Design and Deployment, Session: "Social Responses to New Renewable Energy Technologies and Infrastructure," Association for Environmental Studies and Science Annual Meeting, Burlington, VT June 2011

The Changing Face of Women in Leadership Positions in Public Administration, SWPA Professional Development Workshop, American Society for Public Administration National Conference, Baltimore, MD, March 9, 2011 (with Suzanne Discenza)

Energy as a Wicked Problem: Challenges for Research and Policy, Institute for Defense Analysis - Science, Technology and Policy Institute, Washington, DC, January 2011

Societal Perceptions and Attitudes about Climate Change: a test of the 6 Americas Framework in a Premiere Federal Environmental Science Agency, U.S. Geological Survey Wisconsin Water Science Center, Madison, WI, May 2010 (with Michael Fienen)

Agrarian Ideals, Sustainability Ethics and U.S. Policy, Session: "Author Meets Critics: Paul Thompson, The Agrarian Vision: Sustainability and Environmental Ethics?" Agriculture, Food and Human Values Society Annual Meeting, Bloomington, Indiana, June 2010

Premises of U.S. Environmental Policy and the Emerging Politics of Sustainability, American Society of Public Administration Annual Meeting, San Jose, CA, April 2010

Approaching Energy Futures as a Wicked Problem, University of Wisconsin-Madison, School of Urban and Regional Planning, Madison, WI, April 2010

Lessons Learned: Applying Global Change Science to Decision-making, USGS national conference, Climate Change Science: Understanding the Past, Informing Decisions for the Future, Denver, CO, March 2010

Defining and Evaluating the Sustainable Use of Biofuels: Leading Criteria and Indicators. Symposium on Keeping Things in Balance: A Closer Look at the Issues, Trade-offs and Opportunities in Agriculture Policy. University of Wisconsin-Madison and Wisconsin Department of Agriculture, Madison, WI, November 2008

National Environmental Indicators: Measuring What Matters? Consortium for Science and Policy Outcomes, Arizona State University, Tempe, AZ, March 2007

Talking about water: How Expert and Stakeholder Discourses Illuminate Scalar Dimensions of Governance. American Association of Geographers Annual Meeting. Special session: Beyond the Binary: Social Movements and a New Transnational Space, Chicago, IL, March 2006

Debating the Use and Misuse of Science in Policymaking: Just Politics or a Challenge for Democracy? Science, Democracy, Public Policy Seminar. LaFollette School of Public Affairs, University of Wisconsin-Madison, Oct 12, 2005

Selling the Great Lakes? University of Wisconsin-Madison. Co-sponsored by Department of Urban and Regional Planning, Water Resources Management Program, Nelson Institute for Environmental Studies, and School of Law, Madison, WI, November 2003

From Data to Indicators: A Framework for Linking Water with Public Agendas and Decisions. National Conference of the National Water Quality Monitoring Council, Madison, WI, 2002

Tracking Environmental Success: A Midwestern Water-quality Story, Working Landscapes in the Midwest, Delavan, WI, November 2001 (with D. Myers)

Policy-relevance from Cycle to Cycle, USGS NAWQA national meeting, Keynote, Denver, CO, 2001

A Strategic Engagement Model for Bridging Science and Policy. Session: Role of Science in Environmental Policy, Western Social Science Association Annual Meeting, Reno, Nevada, April 2001

Shifts in Governance: Trends Favor Deeper Public Involvement in Environmental Policy. Environmental Regulatory Tools, Western Social Science Association Annual Meeting, Reno Nevada, April 2001

Policy-relevant Science for a Changing World. USGS Social Science Seminar Series, Reston, Virginia, 2000

The contributions and limits of science for targeting environmental priorities for agriculture. National Academies of Science, Scientific Committee on Problems of the Environment (SCOPE), Washington, DC, 1996 (with D. Ervin)

