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EDUCATION

Ph.D. (1997). Political Science, University of Arizona

Areas of emphasis: Public Policy, Public Law, International Relations, and Renewable Natural Resources

Dissertation: *Adjudicating the Waters: The Politics of Water in the New American West*

Advisor: Jeanne N. Clarke

M.A. (1992). Political Science, University of Nevada, Las Vegas

Thesis: *Political Culture and Water Politics in Nevada: Las Vegas Attempts to Quench Its Thirst*

Advisor: Dennis Soden

B.A. (1991). Political Science, University of Nevada, Las Vegas

CHRONOLOGY OF EMPLOYMENT

2021	University of Arizona, Udall Center for Studies in Public Policy Director
2016-present	University of Arizona, School of Geography, Development and Environment <i>Professor</i> Udall Center for Studies in Public Policy <i>Research Professor</i>
2020-2021	University of Arizona, Udall Center for Studies in Public Policy <i>Associate Director</i>
2015-2016	University of Connecticut, International Studies Association <i>Director of Academic Development</i>
2015-2016	University of Connecticut, Center for Environmental Sciences & Engineering <i>Affiliated Faculty Member</i>
2008-2016	University of Arizona, Udall Center for Studies in Public Policy <i>Senior Policy Scholar</i>
2006-2015	University of Arizona, International Studies Association <i>Director of Academic Development</i>
2005-2006	University of Arizona, Sustainability of semi-Arid Hydrology and Riparian Areas (SAHRA), Arizona Water Institute

2002-2005 *Project Coordinator, Needs Assessment Project*
Columbia University, The Earth Institute, Biosphere 2 Center
Department of Earth and Environmental Studies

1996-2001 *Assistant Professor & Co-Director, Earth Semester Program*
Guilford College
Assistant Professor, Department of Political Science
Co-Director, Environmental Studies Program

1994-1996 University of Arizona, Water Resources Research Center
Research Assistant

1994 Arizona Supreme Court, Office of the Special Master
Ford Foundation Intern

1993 Americans for the Environment, Washington, DC
Intern

HONORS, AWARDS, AND FELLOWSHIPS

2018 **Ladd Holist Award for Service**
International Studies Association

2017 **OpEd Project, Fellow**
Public Voices, Tucson, AZ
Fellow: A select group of university and community leaders who train in writing OpEds for a one-year fellowship

2015-2016 **Greater Tucson Leadership, Fellow**
Tucson, AZ
Fellow: A select group of local leaders who collaborate on leadership development and community engagement in Tucson for a one-year fellowship

2015 Colorado State University Warner College of Natural Resources
Outstanding Publication Award for “Examining the adaptability of collaborative governance associated with publicly managed ecosystems over time: insights from the Front Range Roundtable, Colorado, USA.” *Ecology and Society* 20(1): 35.

2013 Honorable mention for the **best paper award** by Routledge Publishing and the International Water Resources Association for “Hydrosolidarity and beyond: can ethics and equity find a place in today's water resource management?” *Water International* 36(3): 251-265.

2011-present **Earth System Governance, Senior Research Fellow**
Fellow: Senior scientists and faculty members who seek to link their research projects with the broader themes and questions of earth system governance. Through a bottom-up, dynamic, and active network, fellows collaborate on research, debate ideas, and disseminate information on relevant events and opportunities.

1999-2000 **Natural Resources Leadership Institute, Fellow**
North Carolina State University, Raleigh, NC

1996

Fellow: A select group of environmental leaders chosen from across the state who collaborate through a conflict resolution and mediation approach to tackle some of the toughest environmental and natural resource issues
Outstanding Graduate Teaching Assistant Award, Recipient
University of Arizona, College of Social and Behavioral Sciences

PUBLICATIONS

** denotes student co-author; ° denotes award or nomination

Scholarly Books

Betsill, Michele M., Tabitha M. Benney, and **Andrea K. Gerlak**, editors. 2020. *Agency in Earth System Governance*. Cambridge, UK: Cambridge University Press.

Volgy, Thomas J., Zlatko Šabič, Petra Roter, and **Andrea K. Gerlak**, editors. 2009. *Mapping the New World Order*. Wiley-Blackwell Publishers.

Peer-reviewed Journal Articles

Gerlak, Andrea K., Blue Baldwin, Adriana Zuniga-Teran, Tony Colella, Alison Elder**, Molli Bryson, Neha Gupta**, Bo Yang, Tara Doyle**, Stella Heflin**, James MacAdam, Karen L. Hanshaw, Amy McCoy, and J. Keaton Wilson. 2022. A collaborative effort to address maintenance of green infrastructure through a university–community partnership. *Socio-Ecological Practice Research*. <https://doi.org/10.1007/s42532-022-00127-5>

Varady, Robert G., Tamee R. Albrecht, Andrea K. Gerlak, and Arin C. Haverland. 2022. Global Water Initiatives Redux: A Fresh Look at the World of Water. *Water* 14: 3093. <https://doi.org/10.3390/w14193093>

Hilbert-Wolf, Hannah L.** and **Andrea K. Gerlak** 2022. The evolution of the modern dam conflict on the Snake River, USA. *Water International*. DOI:10.1080/02508060.2022.2090147

Guido, Zack, Chris Knudson, **Andrea K. Gerlak**, Simon Mason, Chris D. Hewitt, and Meredith Muth. 2022. Implementing a knowledge system: Lessons from the global stewardship of climate services. *Global Environmental Change* 74: 102516.

Gerlak, Andrea K., Elena Louder**, and Helen Ingram. 2022. Viewpoint: An intersectional approach to water equity in the US. *Water Alternatives* 15(1): 1-12.

De Vito, Laura, Chad Staddon, Adriana A. Zuniga-Teran, **Andrea K. Gerlak**, Yolandi Schoeman, Aimee Hart, and Giles Booth. 2021. Aligning green infrastructure to sustainable development: A geographical contribution to an ongoing debate. *Area* 00: 1–10.
<https://doi.org/10.1111/area.12764>

Zuniga-Terna, Adriana, **Andrea K. Gerlak**, Alison Elder**, and Alexander Tam**. 2021. The unjust distribution of urban green infrastructure is just the tip of the iceberg: A systematic review of place-based studies. *Environmental Science and Policy* 126: 234–245.

Gerlak, Andrea K., Surabhi Karambelkar**, and Daniel B. Ferguson. 2021. Knowledge governance and learning: Examining challenges and opportunities in the Colorado River basin. *Environmental Science & Policy* 125: 219-230.

Rivera-Torres, Mariana**, **Andrea K. Gerlak**, Katharine L. Jacobs. 2021. Lesson learning in the Colorado River Basin. *Water International* 46(1): 1-11.
<https://doi.org/10.1080/02508060.2021.1913782>

Rivera-Torres, Mariana and **Andrea K. Gerlak**. 2021. Evolving together: transboundary water governance in the Colorado River Basin. *International Environmental Agreements* 21: 553–574.
<https://doi.org/10.1007/s10784-021-09538-3>

Gerlak, Andrea K., Katharine L. Jacobs, Amy L. McCoy, Season Martin, Mariana Rivera-Torres**, Anna M. Murveit**, Amanda J. Leinberger**, and Timothy Thomure**. 2021. Scenario Planning: Embracing the Potential for Extreme Events in the Colorado River Basin. *Climatic Change*. <https://doi.org/10.1007/s10584-021-03013-3>

Gerlak, Andrea K., Alison Elder**, Mitch Pavao-Zuckerman, Adriana Zuniga-Teran, and Andrew R. Sanderford. 2021. Agency and governance in green infrastructure policy adoption and change. *Journal of Environmental Policy & Planning* 23(5): 599-615.
<https://doi.org/10.1080/1523908X.2021.1910018>

Gerlak, Andrea K., Alison Elder**, Timothy Thomure, Catlow Shipek, Adriana Zuniga-Teran, Mitch Pavao-Zuckerman, Neha Gupta, Marissa Matsler, Lena Berger, Adam Douglas Henry, Bo Yang, Joaquin Murrieta-Saldivar, and Thomas Meixner. 2021. Green Infrastructure: Lessons in Governance and Collaboration from Tucson. *Environment: Science and Policy for Sustainable Development* 63(3): 15-24.

Saguier, Marcelo, **Andrea K. Gerlak**, Pilar Carolina Villar, Claudio Baigún, Virginia Venturini, Albina Lara, and Marco Aurelio dos Santos. 2021. Interdisciplinary research networks and science-policy-society interactions in the Uruguay River. *Environmental Development* 38: 1-11.
<https://doi.org/10.1016/j.envdev.2020.100601>

Zuniga-Teran, Adriana A., Paula C. Mussetta, America N. Lutz Ley, Rolando E. Díaz-Caravantes, and **Andrea K. Gerlak**. 2021. Analyzing water policy impacts on vulnerability: Cases across the rural-urban continuum in the arid Americas. *Environmental Development* 38: 100552.

Jacobs, Katherine L., Amy McCoy, Season Martin, and **Andrea K. Gerlak**. 2020. Reimagining the Colorado River by exploring extreme events. *Eos* 101. <https://doi.org/10.1029/2020EO151369>

Ellis, Geraint, **Andrea K. Gerlak**, Carsten Daugbjerg, Peter H. Feindt, Tamara Metze, and Xun Wu. 2020. 21 years of research for the twenty-first century: revisiting the *Journal of Environmental Policy and Planning*. *Journal of Environmental Policy and Planning*. <https://doi.org/10.1080/1523908X.2020.1816937>

Milman, Anita, **Andrea K. Gerlak**, Tamee Albrecht**, Mark Colosimo, Ken Conca, Anoulak Kittikhoun, Péter Kovács, Richard Moy, Susanne Schmeier, Kelsey Wentling, William Werick, Ivan Zavadsky, Jim Ziegler. 2020. Addressing knowledge gaps for transboundary environmental governance. *Global Environmental Change* 64: 102162.

Varady, Robert G., Tamee R. Albrecht, **Andrea K. Gerlak**, Margaret O. Wilder, Brian M. Mayer, Adriana Zuniga-Teran, Kacey C. Ernst, and Maria Carmen Lemos 2020. The exigencies of transboundary water security: insights on community resilience. *Current Opinion in Environmental Sustainability* 44: 74-84.

Zuniga-Teran, Adriana A., **Andrea K. Gerlak**, Brian Mayer, Tom P. Evans and Kevin E. Lansley. 2020. Urban resilience and green infrastructure systems: towards a multidimensional evaluation. *Current Opinion in Environmental Sustainability* 44: 42–47.

Wilder, Margaret O., Robert G. Varady, **Andrea K. Gerlak**, Stephen P. Mumme, Karl W. Flessa, Adriana A. Zuniga-Teran, Christopher A. Scott, Nicolos Pineda Pablos, and Sharon B. Megdal. 2020. Hydrodiplomacy and adaptive governance at the U.S.-Mexico border: 75 years of tradition and innovation in transboundary water management. *Environmental Science and Policy* 112: 189–202.

Gerlak, Andrea K., and Adriana Zuniga-Teran. 2020. Addressing injustice in green infrastructure through socio-ecological practice: What is the role of university–community partnerships? *Socio-Ecological Practice Research* 2(2): 149-159. <https://doi.org/10.1007/s42532-020-00052-5>

Ellis, Geraint, **Andrea K. Gerlak**, Carsten Daugbjerg, Peter H. Feindt, Tamara Metze, and Xun Wu. 2020. 21 years of research for the twenty-first century: revisiting the *Journal of Environmental Policy and Planning* 5: 569-580.

Gerlak, Andrea K., Tanya Heikkila and Jens Newig. 2020. Learning in environmental governance: opportunities for translating theory to practice. *Journal of Environmental Policy & Planning* 5: 653-666. [DOI: 10.1080/1523908X.2020.1776100](https://doi.org/10.1080/1523908X.2020.1776100)

McMahan, Ben and **Andrea K. Gerlak**. 2020. Climate risk assessment and cascading impacts: risks and opportunities for an electrical utility in the U.S. Southwest. *Climate Risk Management*. <https://doi.org/10.1016/j.crm.2020.100240>

Gerlak, Andrea K., Simon J. Mason, Meaghan Daly, Diana Liverman, Zack Guido, Marta Bruno Soares, Catherine Vaughan, Chris Knudson, Christina Greene, James Buizer, Katherine Jacobs. 2020. The Gnat and the Bull: Do Climate Outlook Forums Make a Difference? *Bulletin of the American Meteorological Society* 0. <https://doi.org/10.1175/BAMS-D-19-0008.1>

Milman, Anita and **Andrea K. Gerlak**. 2020. International river basin organizations, science, and hydrodiplomacy. *Environmental Science & Policy* 107: 137–149.

Zuniga-Teran, Adriana, Chad Staddon, Laura De Vito, **Andrea K. Gerlak**, Sara Ward, Yolandi Schoeman, Aimee Hart, and Giles Booth. 2020. Challenges of mainstreaming green infrastructure in built environment professions. *Environmental Planning and Management* 63(4): 710-732.

Gerlak, Andrea K., Marcelo Saguier, Megan Mills-Novoa**, Philip M. Fearnside, and Tamee R. Albrecht**. 2020. Dams, Chinese investments, and EIAs: A race to the bottom in South America? *Ambio* 49(1): 156-164.

Karambelkar, Surabhi** and **Andrea K. Gerlak**. 2020. Collaborative Governance and Stakeholder Participation in the Colorado River Basin: An Examination of Patterns of Inclusion and Exclusion. *Natural Resources Journal* 60(1): 1-45.

Heikkila, Tanya, Christopher M. Weible, and **Andrea K. Gerlak**. 2020. When does science persuade (or not persuade) in high-conflict policy contexts? *Public Administration*. DOI: <http://10.1111/padm.12655>

Wilder, Margaret O., Robert G. Varady, Stephen P. Mumme, **Andrea K. Gerlak**, Nicolás Pineda Pablos, Christopher A. Scott. 2019. U.S.-Mexico Hydrodiplomacy: Foundations, Change, and Future Challenges. *Science & Diplomacy*, December 23, 2019.

Burch, Sarah, Aarti Gupta, Cristina Y.A. Inoue, Agni Kalfagianni, Åsa Persson, **Andrea K. Gerlak**, Atsushi Ishii, James Patterson, Jonathan Pickering, Michelle Scobie, Jeroen Van der Heijden, Joost Vervoort, Carolina Adler, Michael Bloomfield, Riyanti Djalante, John Dryzek, Victor Galaz, Christopher Gordon, Renee Harmon, Sikina Jinnah, Rakhyun E. Kim, Lennart Olsson, Judith Van Leeuwen, Vasna Ramasar, Paul Wapner, Ruben Zondervan. 2019. New directions in earth system governance research. *Earth System Governance* 1: 100006.

Barron-Gafford, Greg A., Mitchell A. Pavao-Zuckerman, Rebecca L. Minor**, Leland F. Sutter, Isaiah Barnett-Moreno, Daniel T. Blackett, Moses Thompson, Kirk Dimond, **Andrea K. Gerlak**, Gary P. Nabhan and Jordan E. Macknick. 2019. Agrivoltaics provide mutual benefits across the food–energy–water nexus in drylands. *Nature Sustainability*. <https://doi.org/10.1038/s41893-019-0364-5>

Ulmer, Rebekah** and **Andrea K. Gerlak**. 2019. The Remunicipalization of Water Services in the United States. *Environment: Science and Policy for Sustainable Development* 61(4): 18-27.

Elder, Alison D.** and **Andrea K. Gerlak**. 2019. Interrogating rainwater harvesting as Do-It-Yourself (DIY) Urbanism. *Geoforum* 104: 46-51.

Zuniga-Teran, Adriana A. and **Andrea K. Gerlak**. 2019. A Multidisciplinary Approach to Analyzing Questions of Justice Issues in Urban Greenspace. *Sustainability* 11: 3055.

Gerlak, Andrea K., Tanya Heikkila, Sharon L. Smolinski,** Derek Armitage, Dave Huitema, Brendan Moore**. 2019. It's time to learn about learning: Where should the environmental and natural resource governance field go next? *Society and Natural Resources* 32(9): 1056-1064.

Gerlak, Andrea K. and Tanya Heikkila. 2019. Tackling key challenges around learning in environmental governance. *Journal of Environmental Policy & Planning* 21(3): 205-212.
[DOI: 10.1080/1523908X.2019.1633031](https://doi.org/10.1080/1523908X.2019.1633031)

Gerlak, Andrea K. and Christina Greene**. 2019. Interrogating vulnerability in the Global Framework for Climate Services. *Climatic Change* 157(1): 99-114.

Ward, Sara, Chad Staddon, Laura De Vito, Adriana Zuniga-Teran, **Andrea K. Gerlak**, Yolandi Schoeman, Aimee Hart, and Giles Booth. 2019. Embedding social inclusiveness and appropriateness in engineering assessment of green infrastructure to enhance urban resilience. *Urban Water Journal* 16(1): 56-67.

Mahon, Roché, Christina Greene**, Shelly-Ann Cox**, Zack Guido, **Andrea K. Gerlak**, Jodi-Ann Petrie, Adrian Trotman, Diana Liverman, Cédric J. Van Meerbeeck, Wazita Scott, and David Farrell. 2019. Fit for purpose? Transforming National Meteorological and Hydrological: Services into National Climate Service Centers. *Climate Services* 13: 14-23.

Heikkila, Tanya and **Andrea K. Gerlak**. 2019. Working on Learning: How the Institutional Rules of Environmental Governance Matter. *Journal of Environmental Planning and Management* 62(1): 106-123. [DOI: 10.1080/09640568.2018.1473244](https://doi.org/10.1080/09640568.2018.1473244)

Gerlak, Andrea K., Madeline Baer, and Paula Lopes. 2018. Taking Stock of the Human Right to Water. *International Journal of Water Governance* 6: 108-134.

Staddon, Chad, Sarah Ward, Laura De Vito, Adriana Zuniga-Teran, **Andrea K. Gerlak**, Yolandi Schoeman, Aimee Hart, and Giles Booth. 2018. Contributions of green infrastructure to enhancing urban resilience. *Environment Systems and Decisions* 38(3): 330–338.

Bolognesi, Thomas, **Andrea K. Gerlak**, and Gregory Giuliani. 2018. Explaining and Measuring Social-Ecological Pathways: The Case of Global Changes and Water Security. *Sustainability* 10: 4378.

Albrecht, Tamee R.**, Robert G. Varady, Adriana Zuniga-Teran, **Andrea K. Gerlak**, Rafael Routson De Grenade, América Lutz-Ley, Facundo Martín, Sharon B. Megdal, Francisco Meza, Diego Ocampo Melgar, Nicolás Pineda, Facundo Rojas, Rossi Taboada, and Bram Willems. 2018. Unraveling Transboundary Water Security in the Arid Americas. *Water International* 43(8): 1075-1113.

Petersen-Perlman, Jacob D., Sharon B. Megdal, **Andrea K. Gerlak**, Mike Wireman, Adriana A Zuniga-Teran, and Robert G. Varady. 2018. Critical issues affecting groundwater quality governance and management in the United States. *Water* 10(6): 735.

Gerlak, Andrea K., Lily House-Peters, Robert G. Varady, Tamee Albrecht**, Adriana Zúñiga-Terán, Rafael Routson de Grenade, Christina Cook, and Christopher A. Scott. 2018. Water security: A review of place-based research. *Environmental Science and Policy* 82: 79–89.

Gerlak, Andrea K., Jaron Weston**, Ben McMahan, Rachel L. Murray**, and Megan Mills-Nova**. 2018. Climate risk management and the electricity sector. *Climate Risk Management* 19: 12-22.

Gerlak, Andrea K., Zack Guido, Catherine Vaughan**, Val Rountree**, Christina Greene**, Diana Liverman, Adrian R. Trotman, Roché Mahon, Shelly-Ann Cox**, Simon J. Mason, Katharine L. Jacobs, James L. Buizer, Cedric J. Van Meerbeeck, and Walter E. Baethgen. 2018. Building a framework for process-oriented evaluation of Regional Climate Outlook Forums. *Weather, Climate, and Society* 10: 225-239.

Gerlak, Andrea K. and Andrea Haefner. 2017. Riparianization of the Mekong River Commission, *Water International* 42(7): 893-902.

Gerlak, Andrea K. 2017. Regional Water Institutions and Participation in Water Governance: The Colorado River Delta as an Exception to the Rule? *Journal of the Southwest* 59(1-2), 184-203.

Albrecht, Tamee R.**, Robert G. Varady, Adriana A. Zuniga-Teran, **Andrea K. Gerlak**, and Chad Staddon. 2017. Governing a shared hidden resource: A review of governance mechanisms for transboundary groundwater security. *Water Security* 2: 43-56.

Gerlak, Andrea K., Tanya Heikkila, Sharon L. Smolinski**, Dave Huitema, Derek Armitage. 2017. Learning our way out of environmental policy problems: a review of the scholarship. *Policy Sciences* 51(3): 335-371.

Megdal, Sharon B., **Andrea K. Gerlak**, Ling-Yee Huang**, Nathaniel Delano**, Robert G. Varady, and Jacob D. Petersen-Perlman. 2017. Innovative Approaches to Collaborative Groundwater Governance in the United States: Case Studies from Three High-growth Regions in the Sun Belt. *Environmental Management* 5: 718-735.

Guido, Zack, Val Rountree**, Christina Greene**, **Andrea K. Gerlak**, and Adrian Trotman. 2016. Connecting Climate Information Producers and Users: Boundary Organization, Knowledge Networks, and Information Brokers at Caribbean Climate Outlook Forums. *Weather, Climate, and Society* 8(3): 285-298.

Mukhtarov, Farhad, **Andrea K. Gerlak**, and Robin Pierce. 2016. Away from Fossil-Fuels and Toward a Bioeconomy: Knowledge Versatility for Public Policy? *Environment and Planning C: Government and Policy* 0(0): 1–19.

Kinoshita, Alicia M., Anne Chin, Gregory L. Simon, Christy Briles, Terri S. Hogue, Alison P. O’Dowd, **Andrea K. Gerlak**, and Alejandra Uribe Alborno. 2016. Wildfire, water, and society: Toward integrative research in the “Anthropocene”. *Anthropocene* 16: 16-27.

de Grenade Rafael, Lily House Peters**, Chris A. Scott, Bhutan Thapa**, Megan Mills-Nova**, **Andrea K. Gerlak**, and K. Verbist. 2016. The nexus: reconsidering environmental security and adaptive capacity. *Current Opinion in Environmental Sustainability* 21: 15-21.

Varady, Robert G., Adriana A. Zuniga-Teran, **Andrea K. Gerlak**, and Sharon B. Megdal. 2016. Modes and Approaches of Groundwater Governance: A Survey of Lessons Learned from Selected Cases across the Globe. *Water* 8(417): 1-24.

Emerson, Kirk and **Andrea K. Gerlak**. 2016. Teaching Collaborative Governance Online: Aligning Collaborative Instruction with Online Learning Platforms. *Journal of Public Affairs Education* 22(3): 327-344.

Gerlak, Andrea K. and Farhad Mukhtarov. 2016. Many Faces of Security: Discursive Framing in Cross-border Natural Resource Governance in the Mekong River Commission. *Globalizations* 6: 719-740.

Heikkila, Tanya and **Andrea K. Gerlak**. 2016. Investigating Collaborative Processes Over Time: A 10-Year Study of the South Florida Ecosystem Restoration Task Force. *The American Review of Public Administration* 46(2): 180-200.

Schmeier, Susanne, **Andrea K. Gerlak**, and Sabine Blumstein**. 2016. Clearing the muddy waters of shared watercourses governance: conceptualizing international River Basin Organizations. *International Environmental Agreements* 16(4): 597-619.

Armitage, D., de Loë, R.C., Morris, M., Edwards, T.W., **Gerlak, A.K.**, Hall, R.I., Huitema, D., Ison, R., Livingstone, D., MacDonald, G., Mirumachi, N., Plummer, R., Wolfe, B.B. 2015. Science-policy processes for transboundary water governance. *Ambio* 44(5): 353-66.

Baer, Madeline and **Andrea K. Gerlak**. 2015. Implementing the human right to water and sanitation: a study of global and local discourses. *Third World Quarterly* 36(8): 1527-1545.

Sugg, Zachary P.**, Robert G. Varady, **Andrea K. Gerlak**, and Rafael de Grenade. 2015. Transboundary groundwater governance in the Guarani Aquifer System: reflections from a survey of global and regional experts. *Water International* 40(3): 377-400.

Megdal, Sharon, **Andrea K. Gerlak**, Robert G. Varady, and Ling-Yee Huang**. 2015. Groundwater Governance in the United States: Common Priorities and Challenges. *Groundwater* 53(5): 677-684.

Gerlak, Andrea K. and Farhad Mukhtarov. 2015. 'Ways of Knowing' Water: Integrated Water Resources Management and Water Security as Complementary Discourses. *International Environmental Agreements: Politics Law and Economics* 15(3): 257-272.

°Cheng, Antony S., **Andrea K. Gerlak**, Lisa Dale, and Katherine Mattor**. 2015. Examining the adaptability of collaborative governance associated with publicly managed ecosystems over time: insights from the Front Range Roundtable, Colorado, USA. *Ecology and Society* 20(1): 35.

- Gerlak, Andrea K.** and Marcelo Saguier. 2015. Interdisciplinary knowledge frameworks for transboundary river basins. *International Journal of Water Resources Development* 31(4): 790-794.
- Gerlak, Andrea K.** 2015. Resistance and Reform: Transboundary Water Governance in the Colorado River Delta. *Review of Policy Research* 32(1): 100-123.
- Emerson, Kirk and **Andrea K. Gerlak.** 2014. Adaptation in Collaborative Governance Regimes. *Environmental Management* 54(4): 768-781.
- Gerlak, Andrea K.** and Susanne Schmeier. 2014. Climate Change and Transboundary Waters: A Study of Discourse in the Mekong River Basin. *The Journal of Environment and Development* 23: 358-386.
- Berardo, Ramiro, Tanya Heikkila, and **Andrea K. Gerlak.** 2014. Interorganizational Engagement in Collaborative Environmental Management: Evidence from the South Florida Ecosystem Restoration Task Force. *Journal of Public Administration Research and Theory* 24(3): 697-719.
- Gerlak, Andrea K.** 2014. Policy Interactions in Human–Landscape Systems. *Environmental Management* 53: 67-75.
- Chin, Anne, Kathleen A. Galvin, **Andrea K. Gerlak,** Carol P. Harden, and Ellen Wohl. 2014. The Future of Human–Landscape Interactions: Drawing on the Past, Anticipating the Future. *Environmental Management* 53: 1-3.
- Harden, Carol P., Anne Chin, Mary R. English, Rong Fu, Kathleen A. Galvin, **Andrea K. Gerlak,** Patricia F. McDowell, Dylan E. McNamara, Jeffrey M. Peterson, N. LeRoy Poff, Eugene A. Rosa, William D. Solecki, and Ellen E. Wohl. 2014. Understanding Human–Landscape Interactions in the “Anthropocene”. *Environmental Management* 53: 4-13.
- Wohl, Ellen, **Andrea K. Gerlak,** N. LeRoy Poff, and Anne Chin. 2014. Common Core Themes in Geomorphic, Ecological, and Social Systems. *Environmental Management* 53: 14-27.
- Mukhtarov, Farhad and **Andrea K. Gerlak.** 2014. Epistemic forms of integrated water resources management: towards knowledge versatility. *Policy Sciences* 47: 101-120.
- Heikkila, Tanya and **Andrea K. Gerlak.** 2013. Building a Conceptual Approach to Collective Learning: Lessons for Public Policy Scholars. *Policy Studies Journal* 41(3): 484-511.
- Mukhtarov, Farhad and **Andrea K. Gerlak.** 2013. River Basin Organizations in the Global Water Discourse: An Exploration of Agency and Strategy. *Global Governance* 19: 307-326.
- Heikkila, Tanya, **Andrea K. Gerlak,** Andrew Bell**, and Susanne Schmeier. 2013. Adaptation in a transboundary river basin: linking stressors and adaptive capacity within the Mekong River Commission. *Environmental Science and Policy* 25: 73-82.

Gerlak, Andrea K., Francisco Zamora-Arroyo, and Hannah P. Kahler**. 2013. A Delta in Repair: Restoration, Binational Cooperation, and the Future of the Colorado River Delta. *Environment: Science and Policy for Sustainable Development* 55(3): 29-40.

Gerlak, Andrea K. and Margaret Wilder. 2012. Exploring the Textured Landscape of Water Insecurity and the Human Right to Water. *Environment: Science and Policy for Sustainable Development* 54(2): 4-17.

Berardo, Ramiro and **Andrea K. Gerlak**. 2012. Conflict and Cooperation along International Rivers: Crafting a Model of Institutional Effectiveness. *Global Environmental Politics* 12(1): 101-120.

Gerlak, Andrea K. and Tanya Heikkila. 2011. Building a Theory of Learning in Collaboratives: Evidence from the Everglades Restoration Program. *Journal of Public Administration Research and Theory* 21(4): 619–644.

Gerlak, Andrea K., Jonathan Lautze, and Mark Giordano. 2011. Water Resources Data and Information Exchange in Transboundary Water Treaties. *International Environmental Agreements* 11: 179-199.

Gerlak, Andrea K., Robert G. Varady, Olivier Petit and Arin C. Haverland**. 2011. Hydrosolidarity and beyond: can ethics and equity find a place in today's water resource management? *Water International* 36(3): 251-265.

Gerlak, Andrea K., Robert G. Varady, and Arin C. Haverland**. 2009. Hydrosolidarity and International Water Governance. *International Negotiation* 14: 309–32.

Gerlak, Andrea K., Susanna Eden, Sharon Megdal, Kelly Mott Lacroix, and Andrew Schwarz**. 2009. Restoration and River Management in the Arid Southwestern U.S.: Exploring Trends and Characteristics. *Water Policy* 11(4): 461-480.

Gerlak, Andrea K. 2008. Today's Pragmatic Water Policy: Restoration, Collaboration, and Adaptive Management Along U.S. Rivers. *Society & Natural Resources* 21(6) (July): 538-545.

Gerlak, Andrea K. and Tanya Heikkila. 2007. Collaboration and Institutional Endurance in U.S. Water Policy. *PS: Political Science & Politics* 40(1) (January): 55-60.

Dale, Lisa and **Andrea K. Gerlak**. 2007. It's All in the Numbers: Acreage Tallies and Environmental Program Evaluation. *Environmental Management* 39: 246-260.

Gerlak, Andrea K. 2007. Lesson Learning and Transboundary Waters: A Look at the Global Environment Facility's International Waters Program. *Water Policy* 9(1): 55-72.

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Special Issues Editor

Varady, Robert G., **Andrea K. Gerlak**, Margaret O. Wilder, Nicol'as Pineda Pablos. 2021. Ruminations and insights on hydrodiplomacy. Special issue: New Directions in Hydrodiplomacy to Meet Global Water Challenges: Learning from the Past, Shaping the Future. *Environmental Science and Policy*. <https://doi.org/10.1016/j.envsci.2021.06.004>

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Practitioner Reports and Media Publications

Udall Center News and blog posts

Udall Center News. 2022. Viewing the Colorado River Delta from Above. Udall Center news post, July 5, 2022. At <https://udallcenter.arizona.edu/news/viewing-colorado-river-delta-above>

Udall Center News. Udall Center hosts a workshop on geospatial tools for public engagement in environmental governance. Udall Center new post, May 10, 2022. At

<https://udallcenter.arizona.edu/news/udall-center-hosts-workshop-geospatial-tools-public-engagement-environmental-governance>

Udall Center News. Building capacity around green infrastructure for cities in the Sonoran Desert. Udall Center news post, March 31, 2022. At <https://udallcenter.arizona.edu/news/building-capacity-around-green-infrastructure-cities-sonoran-desert>

Udall Center News. 2020. Udall Center joins Universities Partnership for Water Cooperation and Diplomacy. Udall Center news post, January 28, 2020. At <https://udallcenter.arizona.edu/news/articles/udall-center-joins-universities-partnership-water-cooperation-and-diplomacy>

UA News. 2019. Agrivoltaics Proves Mutually Beneficial Across Food, Water, Energy Nexus. September 2, 2019. At <https://uanews.arizona.edu/story/agrivoltaics-proves-mutually-beneficial-across-food-water-energy-nexus>

Udall Center News. 2019. The Legacy of UA Researchers Shaping the Direction of Earth System Governance Research. Udall Center news post, March 4, 2019. At <https://udallcenter.arizona.edu/news/articles/legacy-ua-researchers-shaping-direction-earth-system-governance-research>

Udall Center News. 2018. Implementation of Green Infrastructure at Star Academic High School. December 10, 2018. At <https://udallcenter.arizona.edu/news/articles/implementation-green-infrastructure-star-academic-high-school>

Udall Center News. 2018. Udall Center project with Star Academic High School featured in *High Country News*. December 7, 2018. <https://udallcenter.arizona.edu/news/articles/udall-center-project-star-academic-high-school-featured-hcn>

Udall Center News. 2018. Researchers Explore the Role of Science in Informing Energy Development in the Western U.S. Udall Center news post, August 31, 2018. At <https://udallcenter.arizona.edu/news/articles/researchers-explore-role-science-informing-energy-development-western-us>

Udall Center News. 2018. Experts from around the world meet to tackle challenges of science and policy making in transboundary river basins. Udall Center news post, July 16, 2018. At <https://udallcenter.arizona.edu/news/articles/experts-around-world-meet-tackle-challenges-science-and-policy-making-transboundary-river-basins>

Udall Center News. 2018. UA Collaboration with TEP Creates Framework for Future Industry Partnerships. Udall Center news post, May 2, 2018. At <https://udallcenter.arizona.edu/news/articles/ua-collaboration-tep-creates-framework-future-industry-partnerships>

Udall Center News. 2018. Opportunities for UA student engagement: UA team receives funding to address the environmental injustice around green infrastructure at local high school in Tucson,

Arizona. Udall Center news post, April 4, 2018. At <https://udallcenter.arizona.edu/news/articles/opportunities-ua-student-engagement-ua-team-receives-funding-address-environmental-injustice-around-green-infrastructure-local-h>

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Gerlak, Andrea K. and Adriana Zuniga-Teran. 2017. Sharing our research on green infrastructure and community engagement with communities in Ayacucho, Peru. Udall Center blog post, October 4, 2017. At <http://udallcenter.arizona.edu/haurproject/blogs/sharing-our-research-green-infrastructure-and-community-engagement-communities-ayacucho-peru>

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Zuniga-Teran, Adriana and **Andrea K. Gerlak**. 2017. Enhancing resilience in cities: from grey to green infrastructure. *International Water Security Network* blog post, May 4, 2017. At <http://www.watersecuritynetwork.org/enhancing-resilience-in-cities-from-grey-to-green-infrastructure/>

Zuniga-Teran, Adriana and **Andrea K. Gerlak**. 2017. Engaging low-income communities in the development of a greenway in Tucson, Arizona. Udall Center blog post, February 27, 2017. At <http://udallcenter.arizona.edu/haurproject/blogs/engaging-low-income-communities-development-greenway-tucson-arizona>

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Gerlak, Andrea K. 2022. Where Water and Policy Meet. KNXV-TV ABC15 News, April 6. At <https://muckrack.com/broadcast/savedclips/view/5dMesctf51>

Gerlak, Andrea K. 2022. Quoted in Fallowed Ground: The treaty governing the Colorado River turns 100 years old—and faces a fraught future, by Kyle Paoletta. *The Earth Commons*, February 13, 2022. <https://commonhome.georgetown.edu/issues/spring-2022/fallowed-ground/>

Gerlak, Andrea K. 2021. Pima County to increase water availability with stormwater. Interviewed by KVOA Tucson News. September 13, 2021. At <https://kvoa.com/news/top-stories/2021/09/13/pima-county-to-increase-water-availability-with-stormwater/>

Murveit, Anna M., Season Martin, Amy McCoy, Kathy Jacobs, **Andrea K. Gerlak**, Amanda Leinberger. 2021. *Exploration of Methods and Tools to Enhance Stakeholder Engagement in the Colorado River Basin*. Tucson, AZ: University of Arizona. At

https://ccass.arizona.edu/sites/default/files/Engagement%20Methods%20and%20Tools_Final%20Report.pdf

Gerlak, Andrea K. and Jeanne Neinaber Clarke. 2021. Tucson Opinion: With south-side PFAS water contamination, history repeats itself. *Arizona Daily Star*, July 14, 2021. At https://tucson.com/opinion/local/tucson-opinion-with-south-side-pfas-water-contamination-history-repeats-itself/article_d0aa9748-e40a-11eb-bc9a-f7abe1946fe1.amp.html

Varady, Robert G., **Andrea K. Gerlak**, and Stephen P. Mumme. 2021. ‘Megadrought’ along border strains US-Mexico water relations. *The Conversation*, July 1, 2021. At <https://theconversation.com/megadrought-along-border-strains-us-mexico-water-relations-160338>

Gerlak, Andrea K. 2020. Heat waves to heighten energy and water insecurity during COVID-19. *The Hill*. August 10, 2020. At <https://thehill.com/opinion/energy-environment/511299-heat-waves-to-heighten-energy-and-water-insecurity-during-covid-19>

Gerlak, Andrea K., Zack Guido, and Chris Knudson. 2017. *Mid-Term Review of the Global Framework for Climate Services*. Geneva: WMO.

Gerlak, Andrea K. 2017. Rural America left out of Trump's water infrastructure plan. *The Hill*, June 13, 2017. At <http://thehill.com/blogs/pundits-blog/energy-environment/337636-rural-america-left-out-of-trumps-water-infrastructure>

Gerlak, Andrea K. and Helen Ingram. 2017. World Water Day — an agenda of radical change for America’s waters. *The Hill*, March 22, 2017. At http://origin-ny1.thehill.com/blogs/pundits-blog/energy-environment/325197-world-water-day-an-agenda-of-radical-change-for?mobile_switch=standard

Gerlak, Andrea K. 2016. Potential for agreement? Reinvesting in America’s water infrastructure. *The Hill*, November 30, 2016. At <https://origin-ny1.thehill.com/blogs/congress-blog/energy-environment/308072-potential-for-agreement-reinvesting-in-americas-water>

Gerlak, Andrea K., Sharon B. Megdal, and Robert G. Varady (team leader), in collaboration with A. Malhotra and J. Vaessen (task manager). 2015. *Evaluation of the World Water Assessment Programme*. Paris: UNESCO. 127 + vi pp.

Gerlak, Andrea K. and Susanne Schmeier. 2013. Cooperation for the Sustainable Governance of International Watercourses: The Role of River Basin Organisations. *Global Dialogue* 15(2) (Summer/Autumn 2013—Water: Cooperation or Conflict?).

Gerlak, Andrea K. and Susanne Schmeier. 2013. River Basin Organisations: Tackling Questions of Design and Effectiveness. *Global Dialogue* 15(2) (Summer/Autumn 2013—Water: Cooperation or Conflict?).

Varady, Robert G., Frank van Weert, Sharon B. Megdal, **Andrea K. Gerlak**, Christine Abdalla Iskandar, and Lily House-Peters**. 2013. *Groundwater Policy and Governance*. Groundwater Governance: A Global Framework for Country Action. GEF project ID: 3726 — FAO project ID: 608795. Thematic Paper No. 5. Commissioned by UNESCO IHP.

Schmeier, Susanne, **Andrea K. Gerlak**, and Sabine Blumstein**. 2013. Who Governs Internationally Shared Watercourses? Clearing the Muddy Waters of International River Basin Organizations. *Earth System Governance Working Paper*, No.28.

°Varady, Robert G., **Andrea K. Gerlak**, and Emily D. McGovern. 2013. *Hydrosolidarity and Its Place in International Water Diplomacy*. IUCN monograph on hydrodiplomacy.

Gerlak, Andrea K., Hanna J. Cortner, and Dennis C. LeMaster. 1998. Responding to Changing Social Values in Natural Resource Decision Making. Unpublished report submitted to the US Department of Agriculture, Forest Service, North Central Research Station. Greensboro, NC: Guilford College, Department of Political Science.

Gerlak, Andrea K. and Susan M. Natali. 1993. *Taking the Initiative, II: The Lessons of the 1992 Election*. Washington DC: Americans for the Environment.

AWARDED GRANTS AND CONTRACTS

2021-2022	World Meteorological Organization (WMO) , Consultation (with collaborator Zack Guido), Assessment of Stakeholder Engagement in Climate Services Caribbean Region (\$43,000)
2021	Arizona Institutes of Resilience, Technology and Research Initiative Fund (TRIF) , PI, Building Resilience: A University-Community Partnership to Develop a Green Stormwater Infrastructure Maintenance Protocol for Tucson, Arizona (\$80,799)
2019-2020	Tucson Electric Power , PI, Setting a greenhouse gas emissions target (\$135,000)
2018-2019	Green Fund Grant , co-PI (with Adriana Zuniga-Teran), Addressing environmental injustice around green infrastructure in Tucson, Arizona (\$25,050) (in-kind)
2017-2018	Agnese Helms Haury Program in Environmental and Social Justice , co-PI (with co-PIs Adriana Zuniga-Teran and Catlow Shipek), Engaging low-income, underserved communities in a neighborhood greenway: A community-university partnership for project design, implementation and evaluation (\$79,154) (in-kind)
2017	World Meteorological Organization (WMO) , Consultation (with collaborators Zack Guido and Chris Knudson), Mid-term Review of the Global Framework for Climate Services (\$50,160)
2017-2019	National Science Foundation's National Socio-Environmental Synthesis Center (SESYNC) , co-PI (with co-PI Anita Milman), Actionable Science in Transboundary River Basins (funding for three

- workshops with international water managers and academic scholars, and data integration and synthesis efforts) (in-kind)
- 2015-2020 **National Science Foundation Coupled-Natural Human System**, co-PI (with PI Tom Meixner, and co-PIs Adam Henry and Mitch Pavao-Zuckerman), Coupled Networks in Urbanized Landscapes: Linking Ecosystem Services and Governance for Water Sustainability (\$1.7m)
- 2015-2017 **Institute of the Environment**, Arizona Business Resilience Project: An Initiative to Support Arizona’s Business Community in Managing Risk (Project Team Leader) (\$106,000)
- 2015-2016 **Ground Water Research and Education Foundation**, co-PI (with co-PI Sharon Megdal), A Survey of Groundwater Governance and Management Strategies, Challenges, and Opportunities Connected to Water Quality (\$49,967)
- 2014-2017 **Inter-American Institute for Global Change Research**, co-PI (with co-PI Marcelo Saguier), Advancing Good Practices in building Interdisciplinarity: Moving Towards User-Oriented Science (\$125,000)
- 2014-2017 **Consultant on Stakeholders and Networks Climate Change Adaptation**, U.S. AID and NOAA grant (PI = Jim Buizer, University of Arizona and Columbia University)
- 2014-2015 **U.S. Geological Survey**, Improving Integrated Surface Water and Groundwater Management in the United States: Case Studies of Innovative Governance Approaches, co-PI (with co-PIs Sharon Megdal and Robert Varady, University of Arizona (\$17,596)
- 2014-2015 **United Nations Educational, Scientific and Cultural Organization (UNESCO)**, Consultant (with collaborators Robert Varady and Sharon Megdal) Evaluation of the World Water Assessment Programme (\$60,000)
- 2013-2014 **Consultant on international River Treaties and Organizations**, U.S. AID International Water and Conflict grant (PI = Sara Mitchell, University of Iowa)
- 2001 **Dean’s Research Grant**, Guilford College (\$1,000)
- 2000 **Dean’s Research Grant**, Guilford College (\$1,000)
- 1999 **Fellowship Grant**, North Carolina State University, Natural Resources Leadership Institute (\$500)
- 1996 **Graduate Research Grant**, University of Arizona, Social and Behavioral Sciences Research Institute

SERVICE AND OUTREACH

National and International Service

Editorship and Editorial Boards

Journal of Environmental Policy and Planning, Co-editor (2016-present)

An international journal published by Taylor and Francis providing a forum for the critical analysis of environmental policy and planning. At <http://www.tandfonline.com/toc/cjoe20/current>
2018 Impact Factor: 4.1

Anthropocene, Editorial Board (2013-present)

A journal published by Elsevier addressing the nature, scale, and extent of the influence that people have on Earth. At <http://www.journals.elsevier.com/anthropocene>
2018 Impact Factor: 4.2

Climatic Change, Associate Deputy Editor (2016-2019)

An international journal published by Springer designed to provide a means of exchange between those working on problems related to climatic variations from different disciplines. At <http://link.springer.com/journal/10584>
2018 Impact Factor: 4.1

Other service

International Water Resources Association Mentor Program, Faculty Mentor (2020-2022)

Carson Scholar Science in Communication Fellow Program, Faculty Mentor (2016-present)

Rosenberg Water Forum, *Scientific Advisory Committee*, Committee Member (2019-present)

International Studies Association, Finance Committee Member (2018-2020)

Oxford Bibliographies in Environmental Science, Advisory Board (2013-2016)

Blackwell Publishers International Studies Compendium Project, Managing Editor (2007-2009)

Grant Referee

2022	Reviewer, Decision, Risk, and Management Sciences Program, National Science Foundation
2019	Panelist Reviewer, Navigating the New Arctic Program, National Science Foundation
2019	Reviewer, Science, Technology, & Society (STS) Program, National Science Foundation
2018	Reviewer, Geography & Spatial Sciences Program, National Science Foundation
2017	Reviewer, Proposals for Innovation & Organizational Change Program, National Science Foundation
2016	Reviewer, Netherlands Organisation for Scientific Research, Top Sector Water Call
2014	Reviewer, Council for Earth and Life Sciences of the Netherlands

	Organisation for Scientific Research
2013	Reviewer, Social Sciences and Humanities Research Council of Canada
2010	Reviewer, Social Science Reviewer, Alaska Coastal Marine Institute
2008	Reviewer, Science, Technology and Society Program, National Science Foundation, Doctoral Dissertation Research Award
2005-2007	Reviewer, Water Research, Education, and Outreach, University of Arizona, Technology and Research Initiative Water Sustainability Program
2006	Reviewer, Proposals for Innovation & Organizational Change Program, National Science Foundation

Other Referee Service

2019	PhD in Sustainability Science Program Review, Brock University
2018	Review Team Member, University of Arizona Institute of the Environment Periodic Review
2005-2020	International Review Panel Member. Earth System Governance Conferences (2022, 2020, 2018, 2017, 2016, 2015, 2013, 2011, 2010, 2008, 2007, 2005)
2014-2015	Scientific Committee Member, Workshops on Environment and Security: A Series of Seminars on the Environment-Security Nexus
2009	Proposal reviewer, U.S. Geological Survey, Colorado River Basin Science and Resource Management Symposium
2008-2009	Project Reviewer, Transboundary Water Resource Management Case Study and Teaching Module. American Museum of Natural History, Center for Biodiversity and Conservation
2008	Reviewer, International Studies Association and Wiley-Blackwell Publishers Compendium Project

Manuscript Referee

Global Environmental Politics; International Studies Quarterly; Journal of Peace Research; Global Environmental Change; Current Opinion in Environmental Sustainability; Political Research Quarterly; Journal of Public Administration Research and Theory; Public Administration Review; Policy Studies Journal; Political Geography; Comparative Politics; International Studies Perspective; Journal of Environment and Development; Environmental Management; Environmental Science and Policy; International Journal of the Commons; Ecology and Society; International Environmental Agreements: Politics, Law and Economics; International Journal of Environment and Pollution; Journal of Water and Climate; Marine Freshwater Research; GeoForum; Water Policy; Journal of Comparative Policy Analysis; Natural Resources Forum; Journal of the American Water Resources Association; Society and Natural Resources; Water International; Environmental Earth Sciences; Journal of Hydrology; California Agriculture Journal, Weather, Climate & Society; Socio-Ecological Practice Research; Anthropocene; Water Alternatives

Committee Service

University of Arizona

2019-2021	College of Social and Behavioral Sciences, Strategic Plan Committee
2019-2020	Outstanding Postdoctoral Scholar Award Committee
2019	Graduate College Student Fellow Award Committee
2018-2020	Science Diplomacy Initiative Committee
2018-2019	Ad hoc Seminar and Retirement Celebration Committee, School of Geography & Development
2018	College of Social and Behavioral Sciences, Scholarship Committee
2016-present	Undergraduate Curriculum Committee, School of Geography & Development
2017-present	Executive Committee Member, M.S. Water, Society, and Policy Program
2017-present	Executive Committee Member, The Center for Climate Adaptation Science and Solutions (CCASS)
2017	Annual Performance Review Committee, School of Geography & Development
2016-2017	New Faculty Search Committee, School of Geography & Development

Columbia University

2002-2003	Member, Curriculum & Education Committee, Biosphere 2 Center
2002-2003	Member, Library Committee, Biosphere 2 Center

Guilford College

1998-1999	Member, Greening the Campus Committee
1997-1999	Member, International Studies Committee
1997	Member, Administrative Reorganization Task Force

CONFERENCES AND SCHOLARLY PRESENTATIONS

Invited Talks

“Opportunities and Challenges in Groundwater Policy and Governance: A Global Overview.” Presented at the Rosenberg Water Forum, University of California, San Jose, California (October 2018)

“Governing Transboundary Rivers: The Intersection between Science and Policy.” Presented at School of Public and Environmental Affairs and the Ostrom Workshop’s Program on Natural Resource Governance, Indiana University, Bloomington, Indiana (April 2018)

Formal remarks on Andrew Jordan’s “Innovation in climate change governance”. Presented at Symposium on Learning and Innovation in Resilient Systems, Open University, Heerlen, The Netherlands (March 2017)

Formal remarks on Jan Rotmans' "Transition to a more sustainable society". Presented at Symposium on Learning and Innovation in Resilient Systems, Open University, Heerlen, The Netherlands (March 2017)

"Information Flows and Networks." Caribbean Institute for Meteorology and Hydrology, Bridgetown, Barbados (February 2016)

"Traversing the Rapids: Global Water Issues in the 21st Century." Great Decisions, Tucson, Arizona (November 2015)

"Earth System Governance: Research around Water." From Global to Local: Sustainable Water Resource Governance for Latin America and the Caribbean. Santiago, Chile (May 2014)

"Regionalism and Water Governance. From Global to Local: Sustainable Water Resource Governance for Latin America and the Caribbean." Santiago, Chile (May 2014)

"Global Water Governance and the Human Right to Water." Patterson School of Diplomacy, University of Kentucky. Fall Conference (October 2013)

"Large-scale collaborative ecosystem restoration: Challenges and Opportunities in the Florida Everglades." VU University Amsterdam. Institute for Environmental Studies (May 2013)

Large-scale collaborative ecosystem restoration: Challenges and Opportunities in the Florida Everglades." Open University, Maastricht, The Netherlands (May 2013)

"The Benefits of Regionalism: Comparative Examples. Rosenberg Water Forum: Managing Water in the 21st Century: Challenges & Opportunities. Aqaba, Jordan (March 2013)

"Large-Scale Collaborative Ecosystem Restoration: Challenges and Opportunities in the Florida Everglades." Hebrew University, Department of Geography, Jerusalem, Israel (March 2013)

"Digging into Theories in Environmental Policy and Management." School of Public Affairs, Workshop on Public Policy Process, University of Colorado, Denver (May 2012)

"Environmental Collaboration and Governance." The Intermountain West Initiative. The Environmental Governance Working Group. Colorado State University, Ft. Collins, CO (May 2012)

"Evaluating Governance Arrangements for Large Scale River Restoration." River Restoration: Exploring Institutional Challenges and Opportunities Workshop. Sponsored by US Bureau of Reclamation, University of New Mexico School of Law, and Utton Center. Albuquerque, NM (September 2011)

"Collaborative Governance and Adaptive Capacity." University of Arizona School of Law. Economics, Law, Environment and Governance Workshop, Tucson, AZ (March 2011) (with Kirk Emerson)

“Western Water: Conflict and Competition Along the Colorado River.” Western Lake Erie Basin Convening Meeting, Toledo, OH (May 9, 2005). Invited by US Army Corps of Engineers and Congresswoman Marcy Kaptor

“Western Water Policy and Politics.” Desert Ecosystems Course, New York State University, Fredonia. (March 2005)

“Water, Land, and Policy: Social Science Assessments.” Moving Waters: The Colorado River and the West Conference, Flagstaff, AZ (September 2002)

Invited Symposium and Webinars

Speaker: Earth Commission. Transformations, Actors and Levers Workshop. Hosted by the Earth Commission, Transformations Working Group (May 2021)

Session Chair: The Realities of Adaptation in the Water Sector. Hosted by the University of Arizona, Center for Climate Adaptation Science and Solutions, Udall Center for Studies in Public Policy, and Water Resources Research Center (May 2021)

Session Chair: Where We Are in the World of Water. Hosted by the Rosenberg International Forum on Water Policy (October 2020)

Roundtable Chair: Stewart Udall Environmental Diplomacy Legacy roundtable. Hosted by Udall Center for Studies in Public Policy, Tucson, AZ (November 2020)

Roundtable Chair: Where We are in the World of Water webinar. Hosted by the Rosenberg International Forum on Water Policy, University of California (October 2020)

Toward a National Landscape Conservation Strategy. Hosted by University of Montana and Lincoln Institute of Land Policy, Boston, MA (April 2009)

Transboundary River Governance in the Face of Uncertainty: The Columbia River Treaty, 2014. Hosted by University of Idaho College of Law, Coeur D’Alene, ID (April 2009) (with Tanya Heikkila)

Era of New Environmental Governance. Hosted by Washington State University, Pullman, WA (April 2008)

Cooperative Governance in the West: Prospects, Problems and Theory. Hosted by Oregon State University, Corvallis, OR (October 2007)

Workshops (Invited and Submitted)

Invited Workshop Presenter: Learning to Improve Environmental Governance. Hosted by the International Association for the Study of the Commons 2nd Workshop ‘Working Together on

the Commons', Tucson, AZ (March 2019) (Co-authored with Tanya Heikkila)

Invited Workshop Presenter: Nature-based solutions to urban and peri-urban water scarcity in Tucson, Arizona. Hosted by Center for Science and Environment and the International Water Security Network, AAETI, Nimli, Rajasthan, India (November 2018) (Co-authored with Adriana Zuniga-Teran)

Invited Chair: Environmental Networks and Science-Policy Engagement: Co-producing Knowledge across our Shared Border. Presented at Binational Water Relations at 75 Years: Retrospectives, Resilience, and US-Mexico Border Water Resources Governance Workshop. Hosted by the University of Arizona Udall Center for Studies in Public Policy and El Colegio de Sonora, Tucson, AZ (October 2018)

Course Participant: Being a Leader and the Effective Exercise of Leadership. Hosted by UCLA (July-August 2018)

Invited Facilitator: Water Insecurity World Café: Concepts and Methods for Advancing Research. Presented at the Association of American Geographers, New Orleans, LA (April 2018)

Invited Roundtable Participant: Moving between Teaching/Research and Academic Administration". Presented at the International Studies Association Annual Meeting, San Francisco, CA (April 2018)

Roundtable Organizer and Chair: "Interdisciplinary and Changing Norms around Global Environmental Studies". Presented at the International Studies Association Annual Meeting, San Francisco, CA (April 2018)

Invited Workshop Presenter: "Advancing Good Practices in Building Interdisciplinary: Moving towards User-oriented Science". Presented at the Inter-American Institute for Global Change Research Workshop. Cancun, Mexico (December 2017) (Co-authored with Marcelo Saguier)

Invited Workshop Participant and Reviewer: Rosenberg Water Forum: Managing Water and Biodiversity in Humid Areas. Panama City, Panama (January 2016)

Invited Workshop Presenter: "Water and Security". Presented at the University of Luxembourg, Luxembourg City, Luxembourg (February 2014) (Co-authored with Farhad Mukhtarov)

Invited Workshop Presenter: "Exploring Water-Related Conflicts, Cooperation and Adaptation in the Mekong Basin." Presented at Columbia University NSF-funded Climate Change in Mekong River Basin Workshop, Ho Chi Minh City, Viet Nam (November 2013) (Co-authored with Tanya Heikkila)

Invited Workshop Participant: Practitioners' Network for Large Landscape Conservation. U.S. Institute for Environmental Conflict Resolution National Conference on Environmental Collaboration and Conflict Resolution, Tucson, AZ (May 2012)

Invited Workshop Participant: US Environmental Protection Agency, Office of Research and Development. Focus Group, Online Dialogue and Workshop Participant to help develop a behavioral/social science research agenda (Spring and Summer 2011)

Short Course Participant. Using Dynamic Process Tracing. Presented at the American Political Science Association Annual Meeting, Washington, DC (September 2010)

Invited Workshop Participant: Landscapes in the "Anthropocene": Exploring the Human Connections. A Workshop sponsored by the National Science Foundation, University of Oregon (March 2010)

Invited Workshop Presenter: "Institutionalization and Security: A Look at Water Resources Data and Information Exchange in Transboundary Water Treaties." Presented at Water and Security Workshop, International Studies Association Annual Meeting, New Orleans, LA (February 2010) (Co-authored with Jonathan Lautze and Mark Giordano)

Workshop Participant: "Systems Thinking, Collaborative Potential, and Environmental Conflict Resolution: The Collaborative Learning Approach." A Pre-Conference Training Course, Environmental Conflict Resolution: The State of the Field and Its Contribution to Environmental Decision-Making. Hosted by the U.S. Institute for Environmental Conflict Resolution of the Morris K. Udall Foundation, Tucson, AZ (May 2002)

Workshop Participant: "New Frontiers in Environmental Research." Annual Meeting of the American Political Science Association, Boston, MA (September 1998)

Workshop Participant: "Sustaining the Masses: Environmental Protection and Economic Development in China." Organized by the Council for International Educational Exchange, Beijing and Shanghai, China (June 1997)

Conference Presentations and Participation

Panel Chair: Pushing the Boundaries of Learning in Environmental Governance. The European Consortium for Political Research General Conference, Innsbruck, Austria (August 2021) (co-chaired with Tanya Heikkila)

Panel Chair: Critical perspectives in Environmental Policy. The European Consortium for Political Research General Conference, Innsbruck, Austria (August 2021) (co-chaired with Geraint Ellis)

Session Co-host: Shaping the Future of Online Geospatial Means for Public Participation in Environmental Governance. The American Association of Geographers Annual Meeting VIRTUAL (February 2022) (Co-hosted with Julie Minde)

"Geospatial Online Tools for Public Engagement in Environmental Governance: Case Studies with the US Army Corps of Engineers." Presented at the American Association of Geographers Annual Meeting, VIRTUAL (February 2022) (Co-authored with Julie Minde)

"Collaboration, Climate Services, and Tools for Decision Support: Three Examples of Applied Research Tailoring Weather and Climate Information for a Utility in the Southwestern United States." Presented at AGU, New Orleans (December 2021) (Co-authored with Ben McMahon and Will Holmgren)

Panel Chair: Bridging scales of adaptive governance from local to global commons. At the Earth System Governance conference, Oaxaca, Mexico (October 2019)

Innovative panel participant: Agency in Earth System Governance: Sharing the bounty of our harvest. At the Earth System Governance conference, Oaxaca, Mexico (October 2019)

"Interrogating Rainwater Harvesting as Do-It-Yourself (DIY) Urbanism." Presented at the American Association of Geographers Annual Meeting, Washington, DC (April 2019) (Co-authored with Alison Elder)

Panel Chair: Green Dreams, Green Nightmares, Green Amnesia: Multi-faceted geographies of Green Infrastructure. At the American Association of Geographers Annual Meeting, Washington, DC (April 2019)

"Learning in Environmental Governance: Fit for Purpose?" Presented at the International Studies Association, Toronto, Canada (March 2019) (Co-authored with Katharine Rietig)

"Dryland Agrivoltacs: A novel approach to collocating food production and solar renewable energy to maximize food production, water savings, and energy generation." Presented at AGU, Washington, DC (December 2018) (Co-authored with Greg A. Barron-Gafford, Rebecca L. Minor, Jovon Jojola, Isaiah Barnett-Moreno, Cecilia Martinez, Moses Thompson, et al.; presented by Greg A. Barron-Gafford)

"Seventy-five years of hydro-diplomacy on the U.S.-Mexico border." Presented at Empowering Hydro-diplomacy conference, Den Haag, The Netherlands (October 2018) (Co-authored with Robert G. Varady, Stephen Mumme, Sharon B. Megdal, Margaret O. Wilder, Nicolás Pineda, Christopher A. Scott, Karl W. Flessa, and Adriana Zuniga; presented by Robert G. Varady)

"Does Science Change Beliefs in Contested Policy Contexts? New Insights for, and from, the Advocacy Coalition Framework." Presented at the European Consortium for Political Research General Conference, Hamburg, Germany (August 2018) (co-authored with Tanya Heikkila and Christopher M. Weible)

Panel chair: Public Policy and Climate Communication. At Surviving Peak Drought and Warming Workshop, University of Arizona, Tucson, Arizona (March 2018)

“From Tucson to Uruguay and Back: Securities and Inequalities in Water Infrastructure.” Presented at the Earth System Governance conference, Lund, Sweden (October 2017)

“Equity in green infrastructure: A case study in Tucson, Arizona.” Presented at Congreso Agua-Andes, Ayacucho, Peru (September 2017) (co-authored with Adriana Zuniga, Joaquin Murrieta, Nelda Ruiz, Claudio Rodriquez, John Shepherd, and Catlow Shipek)

“Interrogating the Global Framework for Climate Services.” Presented at the Association of American Geographers, Boston, MA (April 2017) (Co-authored with Christina Greene)

“Institutional Design and Transformative Learning in Environmental Governance.” Presented at Symposium on Learning and Innovation in Resilient Systems, Open University, Heerlen, The Netherlands (March 2017) (Co-authored with Tanya Heikkila)

Panel chair: Innovation in Public Policy. At Symposium on Learning and Innovation in Resilient Systems, Open University, Heerlen, The Netherlands (March 2017)

“Seeking and contesting environmental security in a complex world: Knowledge, agency and governance implications.” Roundtable discussion at the Royal Geographical Society Annual Conference, London, England (August/September 2016)

“Learning our way out of environmental problems: A systematic review of the scholarship.” Presented at the Midwest Annual Conference, Chicago, IL (April 2016) (Co-authored with Tanya Heikkila, Sharon Smolinski, Dave Huitema, and Derek Armitage)

“Water Security: A Critical Review of Recent Studies.” Presented at the annual meeting of the International Studies Association, Atlanta, GA (March 2016) (Co-authored with Lily House-Peters, Tamee Albrecht, Christina Cook, Rafael Routson de Grenade, Chris A. Scott, Adriana Zuniga Teran, and Robert G. Varady)

“Scene-setting: A new reading of water governance through the lens of actors, institutions, and scale.” Presented at the International Water Resources Association, World Water Congress, Edinburgh, Scotland (May 2015) (Co-facilitated with Naho Mirumachi)

“At the Intersection of Regional Cooperation and Transboundary Resource Governance: Hydroenergy Development in South America.” Presented at the International Studies Association Annual Conference, New Orleans, LA (February 2015) (Co-authored Marcelo Saguier)

“Do Issues and Scale Matter?: A Study of Conflict and Cooperation in the Mekong River Basin.” Presented at the American Political Science Association Annual Meeting, Washington, DC (August 2014) (Co-authored with Tanya Heikkila and Aaron Wolf; presented by Andrea Gerlak)

“A Study of Conflict and Cooperation in the Mekong River Basin: How Issues and Scale Matter.” Presented at the FLACSO-ISA Global and Regional Powers in a Changing World conference, Buenos Aires, Argentina (July 2014) (Co-authored with Tanya Heikkila and Aaron Wolf; presented by Andrea K. Gerlak)

“A Study of Conflict and Cooperation in the Mekong River Basin: How Issues and Scale Matter.” Presented at the Midwest Annual Conference, Chicago, IL (April 2014) (Co-authored with Tanya Heikkila and Aaron Wolf; presented by Tanya Heikkila)

“Implementing the Human Right to Water: Global Norm Translators and National Implementation.” Presented at the International Studies Association Annual Conference, Toronto, Canada (March 2014) (Co-authored Madeline Baer)

“Groundwater Management: A Policy Perspective.” Presented at Groundwater Protection Council Annual Forum, St. Louis, MO (September 2013) (Co-authored with Sharon B. Megdal and Robert G. Varady; presented by Sharon B. Megdal)

“Who Governs Internationally Shared Watercourses? Clearing the Muddy Waters of International River Basin Organizations.” Presented at Peace Science Society-International Studies Association joint conference, Budapest, Hungary (June, 2013) (Co-authored with Susanne Schmeier and Sabine Blumstein)

“Linking Science and Policy in Transboundary Water Governance: The Role of River Basin Organizations.” Presented at Water in the Anthropocene: Challenges for Science and Governance. Bonn, Germany (May 2013) (Co-authored with Susanne Schmeier and Sabine Blumstein)

“Interorganizational Engagement in Collaborative Environmental Management: Evidence from the South Florida Ecosystems Restoration Task Force.” Presented at the Midwest Political Science Association Annual Meeting. Chicago, IL (April 2013) (Co-authored with Ramiro Berardo and Tanya Heikkila)

“Unpacking Discourse around the Human Right to Water.” Presented at the International Studies Association Annual Meeting. San Francisco, CA (April 2013) (Co-authored with Madeline Baer and Paula Duarte Lopes)

“Groundwater Governance in a Federal Framework: Results of a Survey of the 50 States of the USA.” Presented at the Fifth Regional Consultation, GEF Groundwater Governance Project, The Hague, The Netherlands (March 2013) (Co-authored with Sharon B. Megdal and Robert G. Varady; presented by Sharon B. Megdal)

“River Basin Organizations in the Global Water Discourse: An Exploration of Agency and Strategy.” Presented at the Lund Conference on Earth System Governance. Towards a Just and Legitimate Earth System Governance: Addressing Inequalities. Lund, Sweden (April 2012) (Co-authored with Farhad Mukhtarov; presented by Mukhtarov)

“Groundwater policy and governance: The GEF project on global groundwater governance.” Presented (by Varady) at Seminario Lanzamiento Centro AQUASEC Sobre Seguridad Hídrica en las Américas (Seminar on the Launch of the AQUASEC Center on Water Security in the Americas). Centro de Cambio Global, Pontificia Universidad Católica de Chile. Santiago, Chile (March 2012) (Co-authored with Varady, R. G., F. van Weert, S. B. Megdal, C. Abdalla Iskandar, and L. House-Peters; presented by Robert G. Varady)

“Investigating Engagement in Collaborative Processes over Time: A 10-Year Study of the South Florida Ecosystem Restoration Task Force.” Presented at the American Political Science Association Annual Meeting, Seattle, WA (September 2011) (Co-authored with Tanya Heikkila and Mark W. Davis)

“Water as a Human Right: Implications for MDG Target 7C.” Presented at Third Global International Studies Conference, Porto, Portugal (August 2011) (Co-authored with Laura Parisi) Participant: US Environmental Protection Agency. Behavioral/Social Sciences Scientist-to-Scientist Town Hall Meeting. Arlington, VA (June 2011)

“Adaptation by a River Basin Organization: Three Cases of Triggers and Adaptive Response within the Mekong River Commission.” Presented at Colorado Conference on Earth System Governance: Crossing Boundaries and Building Bridges, Ft. Collins, CO (May 2011) (Co-authored with Tanya Heikkila, Andrew Bell, and Susanne Schmeier)

Panel Chair: Adaptiveness in Water Governance. At Colorado Conference on Earth System Governance: Crossing Boundaries and Building Bridges, Ft. Collins, CO (May 2011)

“Climate Change Discourse in Transboundary Waters: Framing Issues, Actions and Scales in the Mekong River Basin.” Presented at the International Studies Association, Montreal, Canada (March 2011) (Co-authored with Susanne Schmeier)

"Building a Theory of Learning in Collaborative Institutions: Evidence from the Everglades Restoration Program." Presented at the International Association for the Study of the Commons (IASC), 2010 North American Regional Meeting, Tempe, AZ (October 2010) (Co-authored with Tanya Heikkila)

"Upscaling from Individual to Collective Learning in Policy Process Research." Presented at the American Political Science Association Annual Meeting, Washington, DC (September 2010) (Co-authored with Tanya Heikkila and Chris Weible)

“Power, Geography and Institutions in Transboundary Waters.” Presented at International Studies Association Annual Meeting, New Orleans, LA (February 2010) (Co-authored with Jesse Hamner)

Panel Discussant: “Transboundary Water Resource Management.” Presented at International Studies Association Annual Meeting, New Orleans, LA (February 2010)

“The Governance of Transboundary Waters: Mapping River Basin Institutions.” Presented at International Studies Association Annual Meeting, New York, NY (February 2009)

Conference Participant: Adaptation to Climate Change in the Desert Southwest: Impacts and Opportunities. University of Arizona, Tucson, AZ (January 2009)

Roundtable Participant: Is There a New World Order or Not?: State and International Organizations in the Post-Cold War Era. International Studies Association Annual Meeting, San Francisco, CA (March 2008)

Conference Participant: Measuring Success: Ecosystem Restoration in the 21st Century. Hosted by the University of Miami Center for Ecosystem Science and Policy, Miami, FL (December 2007)

"Regional Water Governance and Institutional Arrangements Around Transboundary Waters." International Studies Association Annual Meeting, Chicago, IL (February 2007)

Panel Discussant: "Troubled Waters: Cooperation and Conflict in Water Management." Presented at International Studies Association Annual Meeting, San Diego, CA (March 2006)

Conference Participant: Dividing the Waters IX: A Conference for Judges, Masters, and Referees Involved in Western General Stream Adjudications and Other Complex Water Litigation, Jackson Hole, WY (June 2005)

Panel Chair and Discussant: "Policy Frameworks of Water Policy Problems." Presented at Western Political Science Association Annual Meeting, Oakland, CA (March 2005)

"Integrating Across the Problem-shed: The Emergence of Collaborative Institutions for Natural Resource Management." Presented at the Annual Meeting of the American Political Science Association, Chicago, IL (September 2004) (Co-authored with Tanya Heikkila)

Conference Participant: The Colorado River: An Ecosystem Science Symposium. Hosted by the Grand Canyon Monitoring and Research Center, United States Geologic Survey, Tucson, AZ (October 2003)

"The Global Environment Facility and International Waters Governance." Presented at the Annual International Studies Association Meetings, Budapest, Hungary (June 2003)

Roundtable Chair and Participant: "Innovative Approaches to Environmental Policy Education." Presented at the Annual Meeting of the Western Political Science Association, Denver, CO (March 2003)

"International Waters and Institutional Effectiveness: An Analysis of the Global Environment Facility." Presented at the Annual Meeting of the International Studies Association-West, Portland, OR (February 2003)

Conference Participant: Northeast Environmental Studies Meeting. Hosted by Brown University, Providence, RI (November 2002)

"Politics, Power, and Water in the New American West: A Look at Interest Group Activity." Presented at the Annual Meeting of the Western Political Science Association, Long Beach, CA (March 2002)

Conference Participant: Northeast Environmental Studies Program Directors Meeting. Hosted by Skidmore College, Saratoga Springs, NY (November 2001)

Conference Participant: 6th International Interdisciplinary Conference on the Environment. Annual Conference of the Interdisciplinary Environmental Association, Montreal, Canada (June 2000)

Conference Organizer. Intercollegiate Environmental Studies Gathering: A North Carolina Collaboration. Hosted by Guilford College, Environmental Studies Program, Greensboro, NC (February 2000)

Conference Participant: Northeast Environmental Studies Program Directors Meeting. Hosted by Bucknell University, Lewisburg, PA (October 1999)

Conference Participant: Collegiate Town Meeting on Environmental Sustainability. Hosted by Duke University, Durham, NC (October 1999)

Conference Participant: North Carolina Environmental Education. Hosted by the North Carolina Department of Environment and Natural Resources, Office of Environmental Education, Raleigh, NC (February 1999)

Conference Participant: "Building Bridges across Disciplines and Cultures." Annual Conference of the Association for Integrative Studies, Detroit, MI (October 1998)

Roundtable Participant: "Policy and Politics in the 1998 Election: What Progressive Congressional Candidates Ought to be Saying about the State of the Environment." Annual Meeting of the American Political Science Association, Boston, MA (September 1998)

"The American Presidency in Historical Terms: Washington to Roosevelt." Presented at the Annual Meeting of the American Political Science Association, Washington, DC (August 1997)

"Western Water Rights: Politics and Conflict for the 21st Century." Presented at the Annual Meeting of the Western Political Science Association, Tucson, AZ (March 1997)

"The Miasma of Federal Water Policy: A Study of Twenty-five Years of Overlapping Jurisdictions and Institutional Change." Presented at the Annual Meeting of the American Political Science Association, Chicago, IL (September 1995) (Co-authored with Jeanne N. Clarke)

Roundtable Participant: "The Environmental Presidency." Annual Meeting of the Western Political Science Association, Portland, OR (March 1995)

"The Double Deterioration Paradox: Foreign Aid and the Environment in Developing Countries." Presented at the Annual Meeting of the International Studies Association-West, Seattle, WA (October 1994) (Co-authored with Laura Parisi)

"To Take or Not to Take: The Impact of Takings on Environmental Policy." Presented at the Annual Meeting of the Western Political Science Association, Albuquerque, NM (March 1994) (Co-authored with Bradley K. Roach)

"Piecemeal Policy: Wetland Protection in the United States." Presented at the Interdisciplinary Symposium, Images of the Environment: Evolving Perspectives on the Global Commons, Flagstaff, AZ (November 1993) (Co-authored with David Colnic)

"Why Comply? An Analysis of Factors Influencing Compliance with Environmental Protection." Presented at the Interdisciplinary Symposium, Images of the Environment: Evolving Perspectives on the Global Commons, Flagstaff, AZ (November 1993) (Co-authored with Bradley K. Roach)