#### ANDREA K. GERLAK

Associate Professor, School of Geography & Development Associate Research Professor, Udall Center for Studies in Public Policy University of Arizona

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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

2016-present	University of Arizona, School of Geography and Development Associate Professor
	Udall Center for Studies in Public Policy
	Associate Research Professor
2015-2016	University of Connecticut, International Studies Association
	Director of Academic Development
2015-2016	University of Connecticut, Center for Environmental Sciences &
	Engineering
	Affiliated Faculty Member
2008-2016	University of Arizona, Udall Center for Studies in Public Policy
	Senior Policy Scholar
2006-2015	University of Arizona, International Studies Association
	Director of Academic Development
2005-2006	University of Arizona, Sustainability of semi-Arid Hydrology and
	Riparian Areas (SAHRA), Arizona Water Institute
	Project Coordinator, Needs Assessment Project
2002-2005	Columbia University, The Earth Institute, Biosphere 2 Center
	Department of Earth and Environmental Studies
	Assistant Professor & Co-Director, Earth Semester Program
1996-2001	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

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 Systems 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 in the

field.

1999-2000 Natural Resources Leadership Institute, Fellow

North Carolina State University, Raleigh, NC

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

1996 Outstanding Graduate Teaching Assistant Award, Recipient

University of Arizona, College of Social and Behavioral Sciences

#### SERVICE AND OUTREACH

#### National and International Service

# Editorship and Editorial Boards

Climatic Change (2016-present), Associate Deputy Editor

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 <a href="http://link.springer.com/journal/10584">http://link.springer.com/journal/10584</a>

2016 Impact Factor: 3.344

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

2016 Impact Factor: 2.098

Anthropocene, Editorial Board (2013-present)

A new 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

2015 Impact Factor: 1.741

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

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

## **Grant Referee**

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 and Organizational Change Program,
	National Science Foundation

## Other Referee Service

2005-2017	International Review Panel Member. Earth System Governance
	Conferences (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

## College Committees

## 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
1007	Manshan Administrative Decreasination Test

1997 Member, Administrative Reorganization Task Force

## Departmental Committees

## University of Arizona

2016-present Undergraduate Curriculum Committee, School of Geography &

Development

2017 Annual Performance Review Committee, School of Geography &

Development

New Faculty Search Committee, School of Geography & Development

#### **PUBLICATIONS**

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

# Scholarly Books

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

#### Chapters in Scholarly Books and Monographs

**Gerlak, Andrea K. 2017.** Transnational Networks and Transboundary Water Governance in the Colorado River Delta. In Owen Temby and Peter Stoett, editors. *Towards Continental Environmental Policy? North American Transnational Networks and Governance*. Albany, NY: SUNY Press.

**Gerlak, Andrea K.** and Susanne Schmeier. 2016. River Basin Organizations and the Governance of Transboundary Watercourses. In Ken Conca and Erika Weinthal, editors. *The Oxford Handbook of Water Politics and Policy*. Oxford, UK.

**Gerlak, Andrea K**., Jonathan Lautze, and Mark Giordano. 2014. Greater exchange, greater ambiguity: Water resources data and information exchange in transboundary water treaties. In R. Quentin Grafton, Paul Wyrwoll, Chris White and David Allendes, editors. *Global Water: Issues and Insights*. Canberra, Australia: Australia National University Press, pp. 57-64.

**Gerlak, Andrea K.** 2014. Federalism and U.S. Water Policy. In Dustin Garrick, George R.M. Anderson, Daniel Connell, and Jamie Pittock, editors. *Federal Rivers: Managing Water in Multi-Layered Political Systems*. Cheltenham, UK: Edward Elgar Publishing, pp. 41-56.

Varady, Robert G., **Andrea K. Gerlak**, and Emily D. McGovern. 2014. Hydrosolidarity and its place in international water diplomacy. In Ganesh Pangare, editor. *Hydro Diplomacy: Sharing Water Across Borders*. Bangkok: IUCN. pp. 23-31.

**Gerlak, Andrea K.**, Mark Lubell, and Tanya Heikkila. 2013. The Promise and Performance of Collaborative Governance. In Sheldon Kamieniecki and Michael E. Kraft, editors. *Oxford Handbook of U.S. Environmental Policy*. New York: Oxford University Press, pp. 413-434.

**Gerlak, Andrea K**. 2013. Water Policy. In Donald T. Critchlow and Philip R. VanderMeer, editors. *The Oxford Encyclopedia of American Political and Legal History, Vol. II*. New York: Oxford University Press, pp. 375-379.

Lubell, Mark, **Andrea K. Gerlak**, and Tanya Heikkila. 2012. Calfed and Collaborative Watershed Management: Success Despite Failure? In Jeroen Frank Warner, Arwin Van Buren, and Jurian Edelenbos, editors. *Making Space for the River: Governance Experiences with Multifunctional River Flood Management in the U.S. and Europe*. London: IWA Press, pp. 63-78.

Heikkila, Tanya and **Andrea K. Gerlak**. 2012. Institutional Adaptation and Change in Collaborative Watershed Management: An Examination of the Northwest Power and Conservation Council's Fish and Wildlife Program. In Barbara Cosens, editor. *The Columbia River Treaty Revisited: Transboundary River Governance in the Face of Uncertainty*. Corvallis, Oregon: Oregon State University, pp. 315-332.

**Gerlak, Andrea K**. and Keith A. Grant\*\*. 2009. The Correlates of Cooperative Institutions for International Rivers. In Thomas J. Volgy, Zlatko Šabič, Petra Roter, and Andrea K. Gerlak, editors, *Mapping the New World Order*. Wiley-Blackwell Publishers, pp. 114-147.

Myers, Ethan C.\*\* and **Andrea K. Gerla**k. 2008. Global Environment Facility. In *The Princeton Encyclopedia of the World Economy*, ed. Kenneth A. Reinert and Ramkishen S. Rajan. Princeton, NJ: Princeton University Press.

**Gerlak, Andrea K**. and Jeanne N. Clarke. 2008. Transforming Useless Swamps into Valuable Wetlands: Evaluating America's Policy, 1970-2008, in *Wetland, Ecology, Conservation and Restoration*, Nova Science Publishers, pp. 113-132.

**Gerlak, Andrea K.** 2005. Wetlands Policy in the United States: From Drainage to Restoration. *The Encyclopedia of Water*, ed. Jay H. Lehr. NY: John Wiley & Sons Publishing.

Clarke, Jeanne N. and **Andrea K. Gerlak.** 1999. Environmental Racism in Southern Arizona? The Reality Beneath the Rhetoric. In *Environmental Justices*, *Political Solutions: Race*, *Class*, and the *Environment*, ed. David Camacho. Durham, NC: Duke University Press.

**Gerlak, Andrea K**. and Patrick J. McGovern. 1999. The Twenthieth Century: Progressivism, Prosperity, and Crisis. In *The Environmental Presidency*, ed. Dennis L. Soden. Albany, NY: State University of New York Press, pp. 41-75.

**Gerlak, Andrea K**. and Laura J. Parisi. 1999. An Umbrella of International Environmental Policy: The Global Environment Facility. In *Environmental Policy and Administration in Three Worlds: Developing, Industrial and Postindustrial*, ed. Dennis L. Soden and Brent Steel. New York, NY: Marcel Dekker Publishers.

**Gerlak, Andrea K.** and Dennis L. Soden. 1997. Rural vs. Urban Preferences: Water Transfers and Intra-State Politics in Nevada. In *Towards 2000: Public Policy in Nevada*, ed. Dennis L. Soden and Eric Herzik. Dubuque, IA: Kendall/Hunt Publishing Co.

**Gerlak, Andrea K.** 1996. United States Wetlands Policy: Is this Policy All Wet? In *At the Nexus: Science Policy*, ed. Dennis L. Soden. Commack, NY: Nova Science Publishers. *Peer-reviewed Journal Articles* 

**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* (), 1-37.

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*. DOI 10.1007/s00267-017-0830-7

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 Albornoz. 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-Novoa\*\*, **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.

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.

Schmeier, Susanne, **Andrea K. Gerlak**, and Sabine Blumstein\*\*. 2015. Clearing the muddy waters of shared watercourses governance: conceptualizing international River Basin Organizations. *International Environmental Agreements* 16(4): 597–619.

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.

Berado, 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.

**Gerlak, Andrea K**. 2006. Federalism and U.S. Water Policy: Lessons for the Twenty-First Century. *Publius: The Journal of Federalism* 36(2): 231-257.

**Gerlak, Andrea K**. and Tanya Heikkila. 2006. Comparing Collaborative Mechanisms in Large-Scale Ecosystem Governance. *Natural Resources Journal* 46(3): 657-707.

Thorson, John E., Ramsey Kropf, **Andrea Gerlak**, and Dar Crammond. 2006. Dividing Western Waters: A Century of Adjudicating Rivers and Streams, Part II. *University of Denver Water Law Review* 9: 298.

Heikkila, Tanya and **Andrea K. Gerlak**. 2005. The Formation of Large-Scale Collaborative Resource Management Institutions: Clarifying the Roles of Stakeholders, Science and Institutions. *Policy Studies Journal* 33(4): 583-612.

Thorson, John E., Ramsey Kropf, Dar Crammond, and **Andrea Gerlak**. 2005. Dividing Western Waters: A Century of Stream Adjudications, Part I. *University of Denver Water Law Review* 8(2): 355-461.

**Gerlak, Andrea K.** 2004. The Global Environment Facility and Transboundary Water Resource Management: New Institutional Arrangements in the Danube River and Black Sea Region. *Journal of Environment and Development* 13(4) (December): 400-424.

**Gerlak, Andrea K.** 2004. One Basin at a Time: The Global Environment Facility and Governance of Transboundary Waters. *Global Environmental Politics* 4(4) (November): 108-141.

**Gerlak, Andrea K.** 2004. Strengthening River Basin Institutions: The Global Environment Facility and the Danube River Basin. *Water Resources Research* 40 (August): 1-10.

Clarke, Jeanne N. and **Andrea K. Gerlak**. 1998. Environmental Racism in the Sunbelt: A Cross-Cultural Analysis. *Environmental Management* 22(6): 857-867.

## Special Issues

Zawahri, Neda A. and **Andrea K. Gerlak**. 2009. Special Issue: Navigating International River Disputes to Avert Conflict. *International Negotiation* 14: 211–226.

**Gerlak, Andrea K**. and John E. Thorson. 2006. Special Issue: General Stream Adjudications Today: An Introduction. *Journal of Contemporary Water Research and Education* (Issue No. 133) (May 2006).

#### **Book Reviews**

**Gerlak, Andrea K.** 2017. Review of Shlomi and Ariel Dinar. 2016. *International Water Scarcity and Variability*. Published online 21 February 2017.

Gerlak, Andrea K. 2016. Water in International Affairs: Heightened Attention to Equity and Rights. Global Environmental Politics 16(1): 99-105. Review of Norman, Emma S., Christina Cook, and Alice Cohen, eds. 2015. Negotiating Water Governance: Why the Politics of Scale Matter. Piper, Karen. 2015. The Price of Thirst: Global Inequality and the Coming Chaos; Pietz David A. 2015. The Yellow River: The Problem of Water in Modern China; and Tilt, Bryan. 2015. Dams and Development in China: The Moral Economy of Water and Power. New York, NY: Columbia University Press.

**Gerlak, Andrea K.** 2015. Review of Victor Galaz's Global Environmental Governance, Technology and Politics: The Anthropocene Gap. *Anthropocene* 10: 56-57.

**Gerlak, Andrea K.** 2013. Review of David Feldman's *Water. Ecological Restoration* 31(4) (December): 425-426.

**Gerlak, Andrea K.** 2011. Review: Human Rights and Privatisation of Water in the EU and Beyond. *International Studies Review* 13: 529-531.

## Practitioner Reports and Media Publications

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 <a href="http://www.watersecuritynetwork.org/enhancing-resilience-in-cities-from-grey-to-green-infrastructure/">http://www.watersecuritynetwork.org/enhancing-resilience-in-cities-from-grey-to-green-infrastructure/</a>

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

**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 <a href="http://origin-nyi.thehill.com/blogs/pundits-blog/energy-environment/325197-world-water-day-an-agenda-of-radical-change-for?mobile switch=standard">http://origin-nyi.thehill.com/blogs/pundits-blog/energy-environment/325197-world-water-day-an-agenda-of-radical-change-for?mobile switch=standard</a>

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

**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.

<sup>°</sup>Varady, Robert G., **Andrea K. Gerla**k, 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.

#### CONFERENCES AND SCHOLARLY PRESENTATIONS

#### **Invited Talks**

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**

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 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

"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 Taya 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 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 Anthropocence: 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) (Coauthored 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) (Coauthored 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: 6<sup>th</sup> 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)

# AWARDED GRANTS AND CONTRACTS

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
2017	evaluation (\$79,154) (in-kind)  World Meteorological Organization (WMO), Consultation (with
	collaborators Zack Guido and Chris Knudson), Mid-term Review of the Global Framework for Climate Services (\$50,160) (10% effort)
2017-2018	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) (8% effort)
2015-2017	Institute of the Environment, Arizona Business Resilience Project: An
2010 2017	Initiative to Support Arizona's Business Community in Managing Risk
	(Project Team Leader) (\$106,000) (15% effort)
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
2014 2017	(\$49,967) (6% effort)
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)
	(5% effort)
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) (15% effort)
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
2014 2015	and Robert Varady, University of Arizona (\$17,596) (4% effort)
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) (consultation)
2013-2014	Consultant on international River Treaties and Organizations,
2010 2011	U.S. AID International Water and Conflict grant (PI = Sara Mitchell,
	University of Iowa) (5% effort)
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