

Robert Holahan

Curriculum Vitae

Environmental Studies
Binghamton University (SUNY-Binghamton)
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Education

Ph.D. Political Science, Indiana University-Bloomington. 2011.
Chair: Elinor Ostrom.

M.A. Political Economy and Public Policy, Washington University in St. Louis. 2005.

B.A. Economics, Washington University in St. Louis. 2004.

Academic Appointments

Binghamton University (SUNY-Binghamton)

- Assistant Professor of Environmental Studies & Political Science, 2012-2018
- Associate Professor of Environmental Studies & Political Science, 2018-

Ostrom Workshop in Political Theory and Policy Analysis, Indiana University-Bloomington

- External Affiliated Faculty, 2013-

Washington University in St. Louis,

- Post-Doctoral Research Associate in Environmental Policy (Department of Political Science)

Publications (Peer-Reviewed)

Arnold, Gwen, Benjamin Farrer, and Robert Holahan. 2018. Measuring the influence of environmental and economic attitudes towards support for hydraulic fracturing: A survey of residents in active or planned drilling units, *Review of Policy Research* 35, 258-279.

Arnold, Gwen, Benjamin Farrer, and Robert Holahan. 2018. How do landowners learn about high-volume hydraulic fracturing? A survey of the information sources used by Eastern Ohio landowners in active or planned units, *Energy Policy* 114, 455-464.

Farrer, Benjamin, Robert Holahan, and Olga Shvetsova. 2017. Accounting for heterogeneous private risks in the provision of collective goods, *Journal of Economic Behavior and Organization* 133, 138-150.

Arnold, Gwen and Robert Holahan. 2014. The federalism of fracking: A comparative institutional analysis, *Publius: The Journal of Federalism* 44, 344-368.

Kashwan, Prakash and Robert Holahan. 2014. Nested governance for effective REDD+: Institutional and political arguments, *International Journal of the Commons* 8, 554-575. [Reprinted in Dan Cole and Mike McGinnis (Eds). 2016. *Elinor Ostrom and the Bloomington School of Political Economy, Volume 3: Frameworks and Methods of Institutional Analysis*. Lanham, MD: Lexington Books]

Holahan, Robert and Gwen Arnold. 2013. An institutional theory of hydraulic fracturing, *Ecological Economics* 94, 127-134.

Holahan, Robert. 2012. Investigating interest group representation on the Pacific Fisheries Management Council, *Marine Policy* 36, 782-789.

Janssen, Marco A., Robert Holahan, Allan Lee, and Elinor Ostrom. 2010. Lab experiments for the study of social-ecological systems, *Science* 328, 613-617.

Cox, James, Elinor Ostrom, James Walker, Antonio J. Castillo, Eric Coleman, Robert Holahan, Michael Schoon, and Brian Steed. 2009. Trust in private and common property experiments, *Southern Economic Journal* 75, 957-975.

Book Chapters and Other Publications

Holahan, Robert and Mark Lubell. 2016. Collective action theory. In *Handbook on Theories of Governance*, Christopher Ansell and Jacob Torfing (Eds). Edward Elgar: Cheltenham, UK.

Holahan, Robert. 2015. Book Review of “The Political Economy of the American Frontier”, by Ilia Murtazashvili. *Perspectives on Politics* 13(4): 1164-5.

Ongoing Research

Book Project

“Polycentricity, Political Economy, and Urban Sustainability”

Abstract: The modern American urban environment has undergone rapid transformation over the past two decades as central city populations have once again increased and green rooftops have begun appearing on skylines large and small. Legacy environmental dilemmas that long dominated policy discussions of central cities, like brownfield contamination and blight, among others, increasingly face competition with refocused environmental dilemmas, like stormwater management and food deserts, for scarce policy resources and attention. This book project develops a theoretical framework for exploring the political-economy of modern urban environmental dilemmas to better understand why some environmental dilemmas dominate local policy agendas and other local environmental dilemmas are pushed off onto higher-level political jurisdictions or neglected altogether (and, similarly, to understand why some cities enact costly policies to mitigate national or global environmental dilemmas). I do so through the lens of institutional economics and polycentrism. The first few chapters develop the theoretical underpinnings of the analysis by modeling the production and provision of environmental goods and services through the alternative mechanisms of markets, governments, and voluntary associations, respectively. Empirical chapters then apply and test the theoretical framework by exploring in-depth studies of the emergence of green infrastructure to solve stormwater dilemmas, local responses to climate change, and the tensions between gentrification and environmental justice, respectively.

Working Papers

Arnold, Gwen, and Robert Holahan. A theory of excludability and rivalry in determining the nature of environmental goods. (*Working paper available*)

Heller, William, and Robert Holahan. An institutional theory of public bads regulation: Political parties, electoral rules, and environmental policy. (*Working paper available*)

Holahan, Robert, and Gwen Arnold. Economic goods, common law, and judicial interpretation in domestic hydrocarbon production. (*Working paper available*)

Selected Professional and Invited Presentations (2013-2018)

Capturing the prairie: Institutional change in the early 19th century American frontier. Western Political Science Association, San Francisco, CA, March 29-31, 2018.

Embedded wealth, property rights, and American frontier. The Life & Legacy of Douglass North: Celebrating the 25th Anniversary of North's Nobel Prize in Economic, Mercatus Center, George Mason University, Arlington, VA, March 2-3, 2018.

Federal Rules and Municipal Actions: The Challenge of Stormwater Management. American Political Science Association, Philadelphia, PA, September 1-4, 2016.

Survey of Ohio Landowners Subject to Hydraulic Fracturing. Midwest Political Science Association, Chicago, IL, April 7-10, 2016.

The Shifting Nature of Economic Goods: The Implications of Garza for Hydraulic Fracturing. Midwest Political Science Association, Chicago, IL, April 16-19, 2015.

Hydraulic fracturing and property rights in the northeastern United States. Invited presentation to the Departments of Environmental Science and Political Science, Susquehanna University, November 5, 2014.

Resource attributes, institutional governance, and production efficiency. International Political Science Association, Montreal, QC, July 19-23, 2014.

An Institutional Analysis of Cross-state Policies over Conventional and Unconventional Oil and Gas Production. Midwest Political Science Association, Chicago, IL April 3-6, 2014.

Technological change, institutional stickiness and changing political coalitions: The shift to horizontal hydraulic fracturing. American Political Science Association, Chicago, IL, August 29-September 1, 2013.

Institutional design and policy formation: Analyzing cross-state variation in shale resource extraction regulations. Midwest Political Science Association, Chicago, IL, April 11-14, 2013.

Grants and Awards

- Senior Class (Binghamton University), Favorite Faculty Members Honoree, 2017, 2018.
- Co-PI, Binghamton University Smart Energy TAE Seed Grant. Economic and environmental evaluations of dedicated electric tariffs for electric vehicles, (2017-2018), \$20,000.
- Services for Students with Disabilities (Binghamton University), Faculty Honoree, 2017.
- Co-PI, Binghamton University Sustainable Communities TAE Seed Grant. Local capacity, state policy, and the geology of natural gas drilling, (2013-2014), \$10,000
- Co-PI, SUNY Conversations in the Discipline. The implications of hydraulic fracturing for creating sustainable communities, (2013-2014), \$5000
- Co-PI, SPEA Seed Grant Program (Indiana University). Green carbon: Developing local institutional artisanship for REDD+", (2010-2011), \$20,000
- Virgil T. DeVault Graduate Fellowship (Fall 2009), \$10,000
- Political Economy of Democratic Sustainability Fellow (2009-2010)
- Ostrom Fellow (2008-2009)
- National Science Foundation Political Science Dissertation Grant #0819024 (2008-2009), \$11,983

Teaching Experience

Binghamton University

- ENVI 460/PAFF 571 Environmental Policy Analysis, Fall 2012-2017
- ENVI 413/ENVI 513 Environmental Impact Statements, Spring 2014-2018
- ENVI 230/PLSC 282A Introduction to Environmental Policy, Spring 2013-2018
- ENVI 315 Sustainability and Urban Policy, Fall 2012-13 & 2015-17
- ENVI 382D/ ENVI 318 Global Environmental Policy, Summer (online) 2013-2018
- PLSC 633B American Public Policy (Ph.D. Seminar), Fall 2014

Washington University in St. Louis

- L32 2010 Introduction to Environmental Policy, Fall 2011 & Spring 2012
- L32 3752 Globalization, Urbanization, and the Environment, Spring 2012
- L32 3240 The Political Economy of Public Goods, Fall 2011

Indiana University-Bloomington

- Y103 Introduction to American Politics, Teaching Assistant, Summer 2009 & Spring 2010
- Y318 The American Presidency, Independent Instructor, Fall 2008 & Summer 2009
- Y319 The United States Congress, Teaching Assistant, Fall 2007

Professional Activities and Service

University Service—Binghamton University

- Senator, Binghamton University Faculty Senate, 2018-present
- Member, Harpur College Individualized Major Proposal Committee, 2018-present
- Founding Member, MA/MS in Sustainable Communities Governance Committee, 2016-present
- Member, Sustainable Communities Transdisciplinary Area of Excellence Steering Committee, 2014-present
- Founding Member, MA/MS in Sustainable Communities task force, Graduate School, 2013-2016
- Member, Center for Applied Community Research and Development Advisory Board, School of Public Affairs, 2012-2015
- Advisory Committee, Binghamton Neighborhood Project, 2012-2013
- Senior Honors Thesis Advisor, 2013-2017

Ph.D. Committees

- Kieun Kang (Public Administration, Binghamton University), committee member, current
- Alena Gericke (Political Science, Binghamton University), committee member, current
- Giovanni Scaringi (Political Science, Binghamton University), committee member, 2017

Journals Reviewed for

- The Austrian Review of Economics; Canadian Water Resources Journal; Ecological Economics; Energy Research and Social Science; Environmental Management; International Journal of the Commons; Journal of the American Planning Association; Journal of Institutional Economics; Journal of Theoretical Politics; Nature Communications; Proceedings of the National Academy of Sciences; Politics and the Life Sciences; Publius, Society and Natural Resources; Water; World Development

Other Training

Empirical Implications of Theoretical Models, Washington University in St. Louis, June 2008
International Forestry Resources and Institutions, Bloomington, IN 2006-2008

Primary Areas of Research and Teaching Interest

Environmental politics and policy
Energy politics and policy
Natural resource management
Institutional economics
Common-pool resources and public goods

References

Available upon request