

Curriculum Vitae (Updated July 2019)

J. Landon Yoder

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O'Neil School of Public and
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EDUCATION

Ph.D. 2017. Department of Geography, Indiana University. Bloomington, IN. Dissertation co-advisors: Dr. Rinku Roy Chowdhury, Clark University, and Dr. Majed Akhter, Kings College London.

Master of Public Affairs in Economic Development and Policy Analysis, 2013. O'Neill School of Public and Environmental Affairs, Indiana University, Bloomington, IN.

Bachelor of Arts in History, 2004. Goshen College, Goshen, IN.

RESEARCH INTERESTS

Human Dimensions of Global Environmental Change, Water Governance, Agri-Environmental Policy, Institutional Analysis, Geographic Information Science, and Remote Sensing

ACADEMIC EMPLOYMENT

2019-Present Assistant Professor. O'Neill School of Public and Environmental Affairs. Indiana University.

2017-2019 Post-Doctoral Fellow. O'Neill School of Public and Environmental Affairs. Indiana University.

2015-2017 Associate Instructor. Department of Geography. Indiana University.

2015 Research Assistant. Anthropogenic Drivers of Mangrove Loss Project.

2013-2014 Research Fellow. Ostrom Workshop on Political Theory and Policy Analysis. Indiana University.

PUBLICATIONS

Peer-Reviewed Journal Articles

Yoder, L. 2019. Compelling collective action: Does a shared pollution cap incentivize farmer cooperation to restore water quality? 13(1):378-399. *International Journal of the Commons*. <https://doi.org/10.18352/ijc.879>.

Yoder, L., A. Ward, K. Dalrymple, S. Spak, and R. Lave. 2019. An analysis of conservation practice adoption studies in agricultural human-natural systems. *Journal of Environmental Management* 236:490-498. <https://doi.org/10.1016/j.jenvnam.2019.02.009>.

Yoder, L., and R. Roy Chowdhury. 2018. Tracing social capital: How stakeholder group interactions shape agricultural water quality restoration in the Florida Everglades. *Land Use Policy* 77 (Sept.):354–361. <https://doi.org/10.1016/j.landusepol.2018.05.038>.

Meyfroidt, P., A. Heinemann, P. Verburg, A. de Bremond, G. Peterson, E. Karl-Heinz, C. Kull, J. M. Grove, Y. le Polain de Waroux, B. L. Turner II, V. Rodriguez Garcia, J. Nielsen, R. Garrett, R. Roy Chowdhury, E. F. Lambin, L. Yoder, T. Kuemmerle, E. Ellis, P. Messerli, M. Schluter, T. Filatova, and D. Mueller. 2018. Middle-range theories of land system change. *Global Environmental Change*.

Peer-Reviewed Journal Articles (In Revision)

Yoder, L., A. Ward, S. Spak, and K. Dalrymple. In Revision. Local government perspectives on collaborative watershed governance: A comparative approach of Iowa's watershed management authorities. To be submitted to *Policy Studies Journal*.

Peer-Reviewed Book Chapters

Roy Chowdhury, R., E. Uchida, C. Giri, L. Chen, V. Osorio, and L. Yoder. (2017). Anthropogenic drivers of mangrove loss: Geographic patterns and implications for livelihoods. In *Mangrove ecosystems: A global biogeographic perspective – Structure, function, and ecosystem services*. Dordrecht, Netherlands: Springer. https://link.springer.com/chapter/10.1007/978-3-319-62206-4_9.

GRANTS & FELLOWSHIPS

Pending

2019 Data as an eco-social feedback: Connecting farmers, actions, and outcomes through water quality monitoring and modeling. Ward, A. (PI), T. Royer (PI), L. Yoder (Co-PI), R. Lave (Co-PI), B. Wicker (Senior Personnel). Prepared for Environmental Change Grand Challenge. Indiana University. (\$187,252).

Awarded

2017-2018 Dissertation Completion Fellowship. College of Arts and Sciences. Indiana University. (\$25,000)

- 2015-2016 Department of Geography Graduate Fellowship Award. Department of Geography. Indiana University. (\$1,000)
- 2014 (Fall) Graduate Research Fellowship. Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis. Indiana University. (\$8,000)
- 2014 Graduate Student Research Grant. Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis. Indiana University. (\$5,000)
- 2013-2014 Graduate Research Fellowship. Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis. Indiana University. (\$16,000)
- 2011-2013 Service Corps Fellow. School of Public and Environmental Affairs. Indiana University. (\$32,000)
- 2011-2013 Fellowship. Paul D. Coverdell Fellows Program, U.S. Peace Corps. (\$600)

AWARDS & HONORS

- 2017 Chairman's Graduate Student Recognition Award. Department of Geography. Indiana University.
- 2016 Chairman's Graduate Student Recognition Award. Department of Geography. Indiana University.
- 2015 College of Arts and Sciences Conference Travel Award. Indiana University. (\$500)
- 2015 Chairman's Graduate Student Recognition Award. Department of Geography. Indiana University.
- 2014 Chairman's Graduate Student Recognition Award. Department of Geography. Indiana University.
- 2004 Best Staff Editorial. *The Hard Choice of Pacifism*. Indiana Collegiate Press Association.
- 2004 Editor-in-Chief, *The Goshen College Record*. Appointed by Faculty Advisor. Goshen College.
- 2002-2003 Oswin and David Gerber Scholarship in Mennonite Studies. Goshen College. (\$1,000)

CONFERENCES & PROFESSIONAL MEETINGS

Invited Lectures

- 2018 "Analyzing the persistence of agricultural nonpoint source pollution: The role of collective action in compulsory and voluntary water governance." Department Colloquium. Department of Geography and Geosciences. University of Louisville. Louisville, KY.
- 2017 "The collective action problem of agricultural nonpoint source pollution." Environmental Science Seminar. School of Public and Environmental Affairs. Indiana University. Bloomington, IN.

Symposia Organized

- 2019 Applying Collective Action Theory to Agricultural Water Management: Challenges and Opportunities for Protecting Water Quality. Co-organizer and Session Chair. 6th Workshop on the Ostrom Workshop. Bloomington, IN.
- 2019 Adoption of Conservation Practices in Agri-Environmental Governance: Social, Institutional, and Biophysical Factors of Participation. Co-organizer. Annual Meeting of the American Association of Geographers. Washington, DC.
- 2018 Farmer Participation in Agri-Environmental Schemes. Co-organizer. Annual Meeting of the American Association of Geographers. New Orleans, LA.
- 2017 Geography in Practice Symposium. Featured speaker Dr. Allison Hayes-Conroy, Temple University. Geography Graduate Student Organization. Bloomington, IN.
- 2016 Geography in Practice Symposium. Featured speaker Dr. Paul Robbins, University of Wisconsin. Geography Graduate Student Organization. Bloomington, IN.

Presentations

- 2019 "Protecting water quality in the Florida Everglades and Mississippi River Basin: Examining the structure of collective action problems for agricultural water management." 17th Biennial Meeting of the International Association for the Study of the Commons. Lima, Peru.
- 2019 "Using Collective Incentives to Address Agricultural Nonpoint Source Pollution." 6th Workshop on the Ostrom Workshop. Bloomington, IN.
- 2019 "Farmer Engagement in Watershed Governance: The Role of Soil and Waters Conservation Districts in Iowa's Watershed Management Authorities." Annual Meeting of the American Association of Geographers. Washington, DC.
- 2018 "Watershed governance to mitigate flooding and water quality degradation: Comparing the institutional choices of Iowa's watershed management authorities." Annual Meeting of the West Lakes Division of the American Association of Geographers. La Crosse, WI.
- 2018 "Autonomous Farmers or Collaborative Governance: An Analysis of the Conservation Adoption Literature." Annual Meeting of the American Association of Geographers. New Orleans, LA.
- 2017 "Farmer Collective Action and Everglades Water Quality." Annual Meeting of the Association of American Geographers. Boston, MA.
- 2016 "Bridging and Bonding Social Capital Tradeoffs and Synergies: Changing Agricultural Water Management Under Everglades Restoration." Global Land Project 3rd Open Science Meeting. Beijing, China.

- 2016 "Everglades Water Quality, Agricultural Water Management, and Institutional Dynamics." University of Florida Everglades Research and Education Center. Belle Glade, FL.
- 2016 "The Role of Group Compliance in Multilevel Everglades Governance." Annual Meeting of the Association of American Geographers. San Francisco, CA.
- 2016 "Everglades Restoration, Vulnerability, and Tradeoffs." Dimensions of Political Ecology Conference. Lexington, KY.
- 2015 "Exploring Collective Action and Agricultural Nonpoint Source Pollution." Annual Meeting of the Association of American Geographers. Chicago, IL.
- 2015 "Restoring Everglades Water Quality: The Institutional Dynamics of Water Management in the Everglades Agricultural Area." Mid-term Review Meeting. Florida Coastal Everglades Long-Term Ecological Research Project. National Science Foundation. Everglades National Park, FL.

Professional Service

- 2019 Discussant. Risk Governance at the Interface. Samantha Hamlin, Chair. 6th Workshop on the Ostrom Workshop. Bloomington, IN.

Posters

- 2018 Yoder, L., C. Hauck, D. Locke, and R. Roy Chowdhury. Compelling collective action: Does a shared pollution cap incentivize farmer cooperation to restore water quality? Annual Symposium. Socio-Environmental Synthesis Center (SESYNC). Annapolis, MD.
- 2018 Yoder, L., C. Hauck, and R. Roy Chowdhury. Compelling collective action: Does a shared pollution cap incentivize farmer cooperation to restore water quality? All Scientists Meeting. Florida Coastal Everglades Long-Term Ecological Research Project. National Science Foundation. Miami, FL.
- 2018 Yoder, L., A. Ward, R. Lave, K. Dalrymple, and S. Spak. Farmer Characteristics or Governance Process? Reviewing the Literature on Farmer Adoption of Conservation Practices. Annual Project Directors Meeting for the Water Sustainability and Climate Program. National Science Foundation. Washington, D.C.
- 2017 Yoder, L. and R. Roy Chowdhury. Phosphorus Management Trends in the Everglades Agricultural Area. All Scientists Meeting. Florida Coastal Everglades Long-Term Ecological Research Project. National Science Foundation. Miami, FL.
- 2015 Yoder, L. and R. Roy Chowdhury. The Institutional Dynamics of Water Management in the Everglades Agricultural Area. Mid-term Review Meeting. Florida Coastal Everglades Long-Term Ecological Research Project. National Science Foundation. Miami, FL.

Meeting Participant

- 2017 Land Systems Science Theory Workshop. Global Land Programme. Weggis, Switzerland.
- 2014 5th Workshop on the Ostrom Workshop. Indiana University. Bloomington, IN.
- 2014 All Scientists Meeting. Florida Coastal Everglades Long-Term Ecological Research Project. National Science Foundation. Miami, FL.
- 2013 American Planning Association. National Conference. Chicago, IL.
- 2011 National Wetland Mitigation Banking Conference. JT&A, Inc. Baltimore, MD.
- 2011 Association of State Wetland Managers. Annual State/Tribal/Federal Coordination Meeting. Conservation, Regulation, and Management of Headwater Wetlands. Shepherdstown, WV.

CAMPUS & DEPARTMENTAL TALKS

- 2018 "Institutional structure and diversity in collaborative watershed management: Comparative analysis of Iowa's watershed management authorities." Center for the Analysis of Social-Ecological Landscapes. Indiana University. Bloomington, IN.
- 2017 "Polycentricity, politics, and rescaling water quality regulations in the Florida Everglades." Center for the Analysis of Social-Ecological Landscapes. Indiana University. Bloomington, IN.
- 2017 "Bonding and Bridging Social Capital Synergies and Tradeoffs: The Institutional Underpinnings of the Everglades Forever Act." Center for the Analysis of Social-Ecological Landscapes. Indiana University. Bloomington, IN.
- 2015 "Restoring Everglades Water Quality: Institutional Dimensions of Agricultural Water Management." Center for the Analysis of Social-Ecological Landscapes. Indiana University. Bloomington, IN.
- 2014 "Institutional Dynamics of Water Management in the Everglades Agricultural Area." Department of Geography. Indiana University. Bloomington, IN.

TEACHING EXPERIENCE

Instructor of Record (Undergraduate Education)

- 2017 (Sum.) Environment and Society. Department of Geography. Indiana University. (10 students)

- 2017 (Spr.) Environment and Society. Department of Geography. Indiana University. (48 students)
- 2016 (Fall) Environment and Society. Department of Geography. Indiana University. (30 students)
- 2015 (Fall) Environment and Society. Department of Geography. Indiana University. (35 students)

Associate Instructor (Undergraduate Education)

- 2016 (Spring) Environment and Society. Department of Geography. Indiana University. (60 students)

Guest Lectures

- 2018 (Fall) “The Florida Everglades Social-Ecological System.” Guest Lecture to undergraduate course, Social-Ecological Systems. Professor Chloe Wardropper. October 4. Natural Resources and Society Department, University of Idaho. Moscow, ID (video conference).
- 2018 (Spr.) “Incorporating social science research into conservation planning, or, identifying the strange ways that humans connect dots.” Guest lecture to graduate seminar, Conservation Planning. (Professors Vicky Meretsky and Gwen White). March 20. School of Public and Environmental Affairs. Indiana University. Bloomington, IN.

TEACHING AREAS

- Human Dimensions of Environmental Change
- Water Governance and Policy
- Introduction to Geographic Information Systems
- Advanced Geographic Information Systems
- Introduction to Remote Sensing

RESEARCH EXPERIENCE

- 2015 (Spr.-Sum.) Research Assistant. Anthropogenic Drivers of Mangrove Loss Project.

DEPARTMENTAL & UNIVERSITY SERVICE

- 2018 (Oct.) Youth Environmental Leadership Summit. Water Workshop Small Group Facilitator. Integrated Program in the Environment. Indiana University.
- 2015-2017 Professional Development Committee. Department of Geography. Indiana University.

- 2015-2017 Geography Information Literacy Project. Department of Geography and Center for Innovative Teaching and Learning. Indiana University.
- 2015-2016 Graduate Student Representative. Department of Geography. Indiana University.

PROFESSIONAL EMPLOYMENT

- 2013 (Sum.) GIS Specialist. Monroe County Planning Department. Bloomington, IN.
- 2011-2013 Development Associate. Mother Hubbard's Cupboard. Bloomington, IN.
- 2009-2013 Editor. *National Wetlands Newsletter*. Environmental Law Institute. Washington, D.C.
- 2006-2008 Community Development Worker. Peace Corps Eastern Caribbean. Mabouya Valley, St. Lucia.
- 2004-2005 Program Associate. World Vision International, United Nations Office. New York, NY.

LANGUAGES

Spanish: intermediate speaking, reading, and writing

PROFESSIONAL MEMBERSHIPS

American Association of Geographers
Global Land Programme
International Association for the Study of the Commons