

Anna Erwin, Ph.D.
Curriculum Vitae

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EDUCATION

- Ph.D. Planning, Governance, and Globalization, Virginia Tech School of Public and International Affairs - 2017
M.A. Appropriate Technology, Appalachian State University Department of Sustainable Technology and the Built Environment - 2009
B.A. English, Appalachian State University Department of English – 2004

Academic Appointments

- 2018-Present Postdoctoral Research Associate, Department of Forestry and Natural Resources, Purdue University, West Lafayette, IN.
2017-2018 Visiting Assistant Professor, Department of Political Science, Miami University of Ohio, Oxford, OH.
2009-2012 Research Associate and Instructor, Department of Technology and Environmental Design, Appalachian State University, Boone, NC.

Peer-Reviewed Journal Articles

- Popovici, R., **Erwin, A.**, Ma, Z., Zanotti, L., Prokopy, L., Arce, G., Bocardo, E., Bowling, L., Pinto, J., Salas, P., Zeballos, E. Outsourcing governance in Peru's integrated watershed management. (In press) *Land Use Policy*.
- Iles, K., Ma, Z., **Erwin, A.** (2020) Common ground: Small-scale farming through the lens of identity and community. *The Journal of Rural Studies*, 78, 25-35.
- **Erwin, A.**, & Stephenson, M. (2019). Farmworker Justice, Faith, and Governance: A Critical Realist Analysis of one FBO's Participatory Initiative. *Administrative Theory & Praxis*, 1-18.
- **Erwin, A.** (2014). The healthy corner store: A viable option for Roanoke, VA. *Journal of Science Policy and Governance*, Healthy Food Policy Special Issue.
- **Erwin, A.** (2013). Feminist peacebuilding: Merging theory and practice in Pisco, Peru. *Peace Studies Journal*, 6(3), 46-56.

Manuscripts in Revise and Resubmit

- **Erwin, A.**, Ma, Z., Popovici, R., Salas, P., Zanotti, L., Zeballos, E., Bauchet, J., Ramirez, N., Arce, G. Intersectionality shapes adaptation to social-ecological change. *World Development*.
- Mazer, K., **Erwin, A.**, Popovici, R., Bowling, L., Ma, Z., Bocardo, E., Zeballos, C., & Prokopy, L. Navigating Barriers to Institutionalized International Research Collaboration for Water Management. *The Journal of Contemporary Water Research and Education*.
- Wang, Z., Nixon, R., **Erwin, A.**, Ma, Z. Assessing the social impacts of large-scale water transfer projects: Lessons learned from a systematic literature review. *Society and Natural Resources*.

Manuscripts Under Review

- **Erwin, A.,** Ma, Z., Popovici, R. Salas, P., Zanotti, L., Zeballos, E., Bauchet, J., Ramirez, N., & Arce, G. Integrating migration into community resilience: A case of the Majes-Siguas Irrigation Project. *International Journal of Water Resources Development*.
- **Erwin, A.** FBOs: Partners in coalitions for food systems justice. *Local Environment*.
- Popovici, R., Bocardo, E., Bowling, L., **Erwin, A.,** Ma, Z., Mazer, K., Pinto, J., Prokopy, L. Coproduction challenges in the context of changing rural livelihoods. *The Journal of Contemporary Water Research and Education*.
- Popovici, R., Moraes, Ma, Z., Zanotti, L., Cherkauer, K., A., **Erwin, A.,** Mazer, K., Delgado, E., Caceres, J., Ranjan, P., and Prokopy, L. Shifting Local Knowledge Systems and Climate Change Adaptation in Peru's Colca Valley. *Ecology and Society*.
- Popovici, R., Ma, Z., **Erwin, A.,** Prokopy, L.S., Zeballos, C., Bocardo, E., & Pinto, J. Maladaptive learning in Peru's Integrated Water Resources Management. *Environmental Science and Policy*.

Manuscripts in Preparation

- **Erwin, A.,** Macauley, L., & McWherter, B. A Collaborative research approach for the study of nonprofits and NGOs. To be submitted to *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*.
- **Erwin, A.,** Ma, Z., Popovici, R. Arce, G., Bauchet, J., Ramirez, N., Salas, P., Zanotti, L., Zeballos, E. The equitable coexistence of mining and agriculture? Explorations in Peru. To be submitted to the *Journal of Environmental Management*.
- Nixon, B., McWherter, B., **Erwin, A.,** Bauchet, J., & Ma, Z. Household Definitions in Natural Resource Social Science. To be submitted to *Nature Sustainability*.
- Domenech, J., **Erwin, A.** & Ma, Z. Residents' awareness, attitudes, norms, and behavioral intentions: Implications for water quality improvement programs. To be submitted to *Journal of Environmental Management*.
- Domenech, J., **Erwin, A.** & Ma, Z. Assessing watershed residents' likelihood to adopt water quality improvement practices and the role of information. To be submitted to *Agricultural Water Management*.
- Nixon, B., Hawes, J., **Erwin, A.,** Ma., Z., & Popovici, R. Values tradeoffs and adaptation to social-ecological change. To be submitted to *Frontiers in Climate*.

Invited Commentary in Peer-reviewed Journals

- **Erwin, A.** (2016). Pondering farmworker justice: The visible and invisible borders of social change. *Journal of Agriculture, Food Systems, and Community Development*, 6(2), 29-33.

Peer-reviewed Book Reviews

- Hawes, J., **Erwin, A.,** McWherter, Nixon, R., Popovici, R., Rathjen, M., Ma, Z. (2019). Review of "Grassroots Global Governance: Local Watershed Management Experiments and the Evolution of Sustainable Development". *Society for Natural Resources*, 32(11), 1330-1332.
- **Erwin, A.** (2018). Review of "Farmworker futurism: Speculative technologies of resistance". *H-Citizenship, H-Net Reviews in the Humanities & Social Sciences*. <http://www.h-net.org/reviews/showpdf.php?id=49591>

Edited Book Chapters

- **Erwin, A.** (2017). Ontological reflections on the quest for rural sustainability. In M. Stephenson, M. & L. Kirakosyan (eds.): *Reflections and Explorations: A Forum for Deliberative Dialogue*. Blacksburg, VA: Virginia Tech Publishing.
- **Erwin, A.** (2015). Kenya to America—Tackling problems at the crux. In M. Stephenson & L. Kirakosyan (eds.): *Reflections and Explorations: Essays on Politics, Public Policy and Governance*. Blacksburg, VA: Virginia Tech Publishing.
- **Erwin, A.** (2015). To think is to give. In M. Stephenson & L. Kirakosyan (eds.): *Reflections and Explorations: Essays on Politics, Public Policy and Governance*. Blacksburg, VA: Virginia Tech Publishing.
- **Erwin, A.** (2015). The story space. In M. Stephenson & L. Kirakosyan (eds.): *Reflections and Explorations: Essays on Politics, Public Policy and Governance*. Blacksburg, VA: Virginia Tech Publishing.

Technical Reports

- **Erwin, A.** (2010). *Implementing a PACE Program Using Community-based Social Marketing*. Report commissioned by and submitted to the Appalachian Energy Center. Boone, NC: Appalachian Energy Center.
- Tiller, J., **Erwin, A.**, Elam, L. (2010). *North Carolina State Energy Report*. Report commissioned by the Appalachian State University Department of Technology and Environmental Design and Appalachian Energy Center and published by the North Carolina State Energy Office. Raleigh, NC: North Carolina State Energy Office.
- **Erwin, A.** (2009). Appalachian State University Greenhouse Gas Inventory Report. Report commissioned by and submitted to the Appalachian State University Sustainability Council. Boone, NC: Appalachian State University.

Grants Under Review

2020 USDA Agricultural and Workforce Development Postdoctoral Fellowship. PD. Primary Mentor – Professor Zhao Ma. 165,000. Indiana Farmworker Resiliency Project: Organizational Opportunities and Challenges during COVID-19

Grants Secured

2019 Clifford B. Kinley Trust. Co-PI. PI – Professor Zhao Ma. 20,000. Investigating social-ecological risk and adaptation among agricultural migrants in Peru (secured funding).

2016 Virginia Tech School of Public and International Affairs. PI. Participatory justice: Exploring farmworker agency through the case of a faith-based organization. \$400.

2016 Virginia Tech Metropolitan Institute. PI. Participatory justice: Exploring farmworker agency through the case of a faith-based organization. Awarded \$400.

2016 Virginia Tech Institute for Policy and Governance. Participatory justice: Exploring farmworker agency through the case of a faith-based organization. Awarded \$500.

2016 Virginia Tech College of Architecture and Urban Affairs Student Initiated Research Grants Program. PI. Participatory justice: Exploring farmworker agency through the case of a faith-based organization. Awarded \$1,000.

2015 Virginia Tech Graduate Student Association. Travel Grant. Awarded \$205.

2013 International Studies Association—South. Travel Grant. Awarded \$400.

2010 U.S. Department of Energy Local Government Energy Program. Awarded \$20,000

Grants Submitted and Rejected

- 2019 Purdue Climate Change Research Center. Co-PI. PI – Professor Zhao Ma. Climate change, adaptation, and migration: Investigating the past, analyzing the present, and projecting the future. \$19,985.
- 2015 Center for Engaged Scholarship. Co-PI. PI – Professor Max Stephenson. 25,000 Participation in a shifting global context: A case of the farmworker ministry.

Invited Seminars and Workshops

- **Erwin, A.** Integrating migration into community resilience: The case of the Majes-Siguas Irrigation Project. Virtual Presentation to the Montana State University Department of Earth Sciences. October 1, 2020.
- **Erwin, A.** Intersectionality shapes adaptation to social-ecological change in Peru. Virtual Presentation to the Community Change Collaborative. Virginia Tech. April 27, 2020.
- **Erwin, A.** FBOs: Partners in food systems justice. Virtual Presentation to the Municipal Research Lab. North Carolina State University. April 14, 2020.
- **Erwin, A.** Popovici, R., Prokopy, L., Bauchet, J., Ma, Z., Zanotti, L. Social Science Workshop. Purdue University Arequipa Nexus Institute for Food, Energy, Water and the Environment. August 6-8, 2018.
- **Erwin, A.** Participation in a shifting global context? A case study of labor and faith in the American South. Ecologies of Injustice: A Panel Discussion with Simin Davoudi. Virginia Tech Global Forum on Urban and Regional Resilience. April 10, 2020.

Panel Organizer in Academic Conferences

- Co-organizer. Panel on the Politics of Farm Labor and Food System Justice. Association for the Study of Food & Society (ASFS) & Agriculture, Food and Human Values Society, University of Wisconsin, June 13-16, 2018.

Conference Presentations

- **Erwin, A.** Migrant Serving CBOs Increase Resiliency of Groups and Receiving Areas. Association for Research on Nonprofit Organizations and Voluntary Action. Indianapolis, Indiana. November 12-14, 2020. *Moved to virtual due to COVID 19
- **Erwin, A.,** Ma, Z., Salas, P., Bauchet, J., Zeballos, E., Popovici, R., Zanotti, L., Silva, C., Ramirez, N., & Arce, G. Migration and Mobility in the face of Social-ecological Change in Peru. The 26th International Symposium on Society and Resource Management (ISSRM) of the International Association for Society and Natural Resources. Cannes, Australia. June 22-26, 2020. *Moved to virtual due to COVID 19
- **Erwin, A.,** Arce, G., Bauchet, J., Ma, Z., Salas, P., Ramirez, N., Zanotti, L., Zeballos, E. Intersectionality and the Micro-politics of Adaptation to Social-ecological Change in Peru. American Association of Geographers. Denver, CO. April 6-11, 2020. *Cancelled due to COVID 19
- **Erwin, A.,** Arce, G., Bauchet, J., Ma, Z., Salas, P., Ramirez, N., Zanotti, L., Zeballos, E. Migration and social-ecological change, and farm labor in Arequipa, Peru. Sustainability and Development Conference. Ann Arbor, MI. October 11-14, 2019.
- **Erwin, A.,** Arce, G., Bauchet, J., Ma, Z., Salas, P., Ramirez, N., Zanotti, L., Zeballos, E. Social-ecological change and intersectional pathways to adaptation in Arequipa, Peru. The

XVII IASC (International Association for the Study of the Commons): 'In Defense of the Commons: Challenges, Innovation, and Action.' Lima, Peru. July 1-4, 2019.

- **Erwin, A.**, Arce, G., Bauchet, J., Ma, Z., Salas, P., Ramirez, N., Zanotti, L., Zeballos, E. Farming, intersectionality, and climate change adaptation in Arequipa, Peru. Joint conference of the Association for the Study of Food and Society (ASFS) & Agriculture, Food and Human Values Society (AFHVS). University of Alaska, Anchorage, June 26–29, 2019.
- **Erwin, A.**, Popovici, R., Arce, G., Bauchet, J., Ma, Z., Salas, P., Ramirez, N., Zanotti, L., Zeballos, E. Migration, climate change adaptation, and farm labor in Arequipa, Peru. The 25th International Symposium on Society and Resource Management (ISSRM) of the International Association for Society and Natural Resources. Oshkosh, WI. June 2-7, 2019.
- **Erwin, A.**, Popovici, R., Arce, G., Bauchet, J., Ma, Z., Salas, P., Ramirez, N., Zanotti, L., Zeballos, E. Socio-ecological change and intersectional adaptation in Arequipa, Peru. American Association of Geographers (AAG). Washington, DC. April 3-7, 2019.
- Popovici, R., **Erwin, A.**, Arce, G., Delgado, E., Ma, Z., Prokopy, L., Salas, P., Ramirez, N., Zeballos, E. Formalizing watershed management in Arequipa, Peru. American Association of Geographers. Washington, DC. April 3-7, 2019.
- Popovici, R., **Erwin, A.**, Bowling, L., Delgado, E., Ma, Z., Salas, P., Zeballos, E. Formal and informal institutions for watershed management: Lessons from the Colca watershed. Sustainability and Development Conference. Ann Arbor, MI. November 9-11, 2018.
- **Erwin, A.** The Valley View Farmworker Ministry: An ethnographic case on farm labor and participatory leadership. Joint conference of the Association for the Study of Food and Society (ASFS) & Agriculture, Food, and Human Values Society (AFHVS). University of Wisconsin, Madison, WI. June 13-16, 2018.
- **Erwin, A.** Participatory possibilities and challenges: A case study of labor and faith in the American South. Midwest Political Science Association. Chicago, IL. April 5-8, 2018.
- **Erwin, A.** Participatory initiatives in the shifting global landscape: A case study of labor and faith in the American South. Association for Research on Nonprofit Organizations and Voluntary Action. Grand Rapids, MI. November 16-18, 2017.
- Stephenson, M., MacAuley, L., **Erwin, A.**, Elliot-Engel, J. Community voices: Shared governance and dialogue to challenge hidden assumptions and disrupt power structures in Appalachia. Appalachian Studies Conference. Blacksburg, VA. March 9-12, 2017.
- **Erwin, A.** Global justice? Explorations on labor justice through the case of a faith-based organization. World Congress of Rural Sociology. Toronto, CA. August 10-14, 2016.
- **Erwin, A.** Farmworker food insecurity and sustainable agriculture: Connections in the Nuevo South. Joint conference of the Association for the Study of Food and Society (ASFS) & Agriculture, Food, and Human Values Society (AFHVS). Chatham University, Pittsburgh, PA. June 24-28, 2016.
- **Erwin, A.** Cross linking literatures: Farmworker food security in North Carolina. Association of American Geographers. Chicago, IL. April 21-25, 2015.
- **Erwin, A.** Farmworker food insecurity: Investigations in the Nuevo South. Dimensions of Political Ecology Conference. University of Kentucky, Lexington, KY. February 26-28, 2015.
- **Erwin, A.** Habermas and the Food Justice Movement: Explorations in the southern United States. Joint conference of the Association for the Study of Food and Society (ASFS) & Agriculture, Food, and Human Values Society (AFHVS). University of Vermont, Burlington, VT. June 18-22, 2014.

- **Erwin, A.** Social learning and doughnut economics: Assaying innovative capacity building approaches to sustainability. International Studies Association—South. Queens College, Queens, NY. October 17-19, 2013.
- **Erwin, A., Maxwell, J.** Recycle at the rock: Appalachian State University’s football recycling program. Association for the Advancement of Sustainability in Higher Education. Raleigh, NC. November 9-11, 2008.

TEACHING

Course Instructions

Miami University of Ohio (Sole instructor)

- Public Personnel - Undergrad/Grad (spring 2018)
- Women in Public Administration - Undergrad/Grad (spring 2018)
- American Political System (fall 2017)
- Nonprofit Politics and Policy (fall 2017, spring 2018)
- Public Budgeting - Undergrad/Grad (fall 2017)

Virginia Tech (Sole instructor)

- Introduction to US Government – Online (spring 2015)
- Comparative Political Economy (fall 2014)
- Environmental Policy and Planning (spring 2014)

Appalachian State University (Sole instructor)

- Foundations in Appropriate Technology (spring 2012)
- Contemporary Problems in Appropriate Technology – Capstone (fall 2011, spring 2012)
- Society and Technology (fall 2009, spring 2010, fall 2011)
- First Year Seminar: Contemporary Green Living (fall 2009, spring 2010, fall 2011)
- Building and Designing for Nature in Peru - Study Abroad (summer 2012)

Guest Lectures

- PAPP 5344/PLAN 5346 Qualitative Research Methods for Planning and Public Affairs, 2020 (Topic: Qualitative Methods Forum). University of Texas-Arlington
- FNR 22310/POL 22300 Introduction to Environmental Policy, 2019 (Topic: Intersectionality and Environmental Policy). Purdue University
- SOC 2004 Social Problems, 2017 (Topic: Farmworker Justice and Participatory Governance). Virginia Tech
- GIA/PSCI 6144: Refugees and Transnational Migration, 2017 (Topic: Immigration and Agriculture in the U.S.). Virginia Tech
- PSCI 3264 Interest Groups, 2015 (Topic: Labor and Stakeholders in Agricultural Governance). Virginia Tech

Student Mentoring

2019-Present Emilie Washer, Undergraduate Student in Environmental Policy at Purdue University. Mentoring focused on annotated literature review.

2018-2019 Landon Young, Ph.D. student in the Ecological Sciences and Engineering Interdisciplinary Graduate Program at Purdue University. Mentoring focused on qualitative data collection and analysis.

- 2018-2019 Zelin Wang, Visiting Ph.D. student in the Human Dimensions Lab at Purdue University from Xi'an Jiaotong University, Shaanxi, China. Mentoring focused on environmental justice theory, household survey design, and systematic literature review.
- 2018 James Crumpler, Master's in Natural Resource Management, Miami University of Ohio
- 2017-2018 25 undergraduate students majoring in Political Science, Miami University of Ohio

HONORS AND AWARDS

- 2016 Bouchet Honors Society, honor society named after the first self-identifying African American man to earn a Ph.D.
- 2014 Virginia Tech Graduate School Citizen Scholar Award

SERVICE AND LEADERSHIP

Professional Memberships

American Society for Public Administration; International Association for Society and Natural Resources; Association for Research on Nonprofit Organizations and Voluntary Action; American Association of Geographers; Agriculture, Food, and Human Values Society; Edward Alexander Bouchet Graduate Honor Society

Leadership in Professional Organizations

2020-2022 Early Career Professional– Agriculture, Food, and Human Values Society

Reviewer for Academic Journals

2020-Present Journal of Environmental Management
 2020-Present Administrative Theory and Praxis
 2020-Present Journal of Public Affairs Education
 2019-Present Small-scale Forestry
 2019-Present Journal of Agriculture, Food Systems, and Community Development
 2019-Present Society and Natural Resources

Editorial Board

2016-2017 Community Change Journal

University Service

2019-Present Workshop Committee, Arequipa Nexus Institute for Food, Energy, Water and the Environment, Purdue University
 2019-Present Nexus-Discovery Park Undergraduate Research Institute Steering Committee, Arequipa Nexus Institute for Food, Energy, Water and the Environment, Purdue University
 2017-2018 Advisor, Chapter of the Ohio Innocence Project, Miami University of Ohio
 2014-2016 Diversity Committee, Virginia Tech College of Architecture and Urban Studies
 2013-2017 Graduate Student Leader, Community Voices, Virginia Tech

2008-2009 Appalachian State University Sustainability Council
2008-2009 Appalachian State University Sustainable Energy Society
2008-2009 Graduate Student Association Senate, Appalachian State University

NON-ACADEMIC PROFESSIONAL EXPERIENCE

2011 Project Manager. Pisco Sin Fronteras. Pisco, Peru.
2010-2011 English Teacher, Isabela Oceanographic Institute., Isabela Island, The Galapagos Islands.
2008 Volunteer, World Camp, Lilongwe, Malawi.
2006-2007 English Teacher, Swansboro High School, Swansboro, NC.

LANGUAGES AND TRAINING

- Spanish: Fluent in reading and speaking; Intermediate in writing
- Training through the 9th Annual Conference for Pre-Tenure Women, Purdue University, West Lafayette, IN. 2018
- Training through the Summer Peacebuilding Institute, Student. Eastern Mennonite University, Harrisonburg, VA. 2013.