

Elizabeth Baldwin

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520-626-7911

ACADEMIC APPOINTMENTS

Associate Professor 2021 - current
Assistant Professor 2015-2021
School of Government and Public Policy
University of Arizona, Tucson, AZ

Affiliated Faculty

Institute of the Environment, University of Arizona
James E. Rogers College of Law, University of Arizona
Interdisciplinary Program in Global Change, University of Arizona
Masters' Program in Water, Society, and Policy, University of Arizona
Ostrom Workshop on Political Theory and Policy Analysis, Indiana University

PEER-REVIEWED JOURNAL ARTICLES

- Baldwin, E.**, Thiel, A., Kellner, E., and McGinnis, M. 2023. Empirical Research on Polycentric Governance: Critical Gaps and a Framework for Studying Long-Term Change. Forthcoming at *Policy Studies Journal*.
- Kirk Emerson, **Elizabeth Baldwin**, Tyler A Scott, Justin R Pidot, Aaron M Lien, Faiz Currim, Steven Bethard, Sudha Ram, Marc L Miller, Laura López-Hoffman. 2022. Toward NEPA performance: A framework for assessing EIAs. *Environmental Impact Assessment Review* 97: 106879
- Elizabeth Baldwin**, Vincent Jasso, David Woods, Dr. David D. Breshears, Dr. Laura López-Hoffman, Dr. José R. Soto, Dr. Abigail Swann, Dr. Aaron Lien. 2022. Diverse stakeholders and their interests matter to the U.S. Forest Service: A Network of Action Situations analysis of how stakeholders affect forest plan outcomes. *Sustainability Science*.
- Christian Kimmich, **Elizabeth Baldwin**, Sergio Villamayor-Tomas, Christoph Oberlack, Elke Kellner. 2022. Networks of action situations: a systematic review of empirical research. *Sustainability Science*.
- Ahn, M., and **Baldwin, E.** 2022. Who benefits from collaborative governance? An empirical study from the energy sector. *Public Management Review*.
- Benjamin T. Wilder, Catherine Jarnevich, **Elizabeth Baldwin**, Kim A. Franklin, Perry Grissom, Katherine Hovanes, Aaryn Olsson, Jim Malusa, Abu Kibria, Yue M. Li, Aaron Lien, Ya-Ching Lin, Alex Ponce, Julia A. Rowe, Jose Soto, Maya Stahl, Joseph S. Black, Nicholas Young, Julio L. Betancourt. Grassification and fast-evolving fire connectivity and risk in the Sonoran Desert, USA. Forthcoming at *Frontiers in Ecology and Evolution*.
- Rountree, V., Hanlon, J., and **Baldwin, E.** A review of stakeholder participation in water and renewable electricity: does the resource context matter. Forthcoming at *Journal of Environmental Studies and Sciences*.
- Baldwin, E.**, and Tian, T. 2021. Hierarchies, markets, and collaborative networks in energy governance: Multilevel drivers of renewable energy deployment. *Journal of Environmental Management* 290, 11264.

- Cole, D., and **Baldwin, E.** Goldilocks Deference? 2020. Forthcoming at *Journal of Empirical Legal Studies*.
- Lien, Aaron, **Baldwin, E.**, and Franklin, K. Collective action and Invasive Species Governance in Southern Arizona. 2020. Forthcoming at *Rangeland Ecology & Management*.
- Baldwin, E.** 2020. Why and How Does Participatory Governance Affect Policy Outcomes? Theory and Evidence from the Electric Sector. *Journal of Public Administration Research and Theory* 30 (3), 365-382
- Brass, J., Schon, J., MacLean, L., and **Baldwin, E.** 2020. Spatial Analysis of Bureaucrats' Attempts to Resist Political Capture in a Developing Democracy: The Distribution of Solar Panels in Ghana. Forthcoming in *Political Geography*.
- Baldwin, E.**, Carley, S., and Nicholson-Crotty, S. 2019. Why Do Countries Emulate Each Others' Policies? A Global Study of Renewable Energy Policy Diffusion. *World Development* 120: 2945.
- Emerson, K., and **Baldwin, E.** 2019. Effectiveness in NEPA Decision Making: In Search of Evidence and Theory. *Environmental Policy and Planning* 21(4): 1-17.
- Baldwin, E.** 2019. Exploring How Institutional Arrangements Shape Stakeholder Influence on Policy Decisions: A Comparative Analysis in the Energy Sector. *Public Administration Review* 79(2): 246-255
- Gore, C., Brass, J., **Baldwin, E.**, MacLean, L. 2019. Political autonomy and resistance in electricity sector liberalization in Africa. *World Development* 120: 193-209.
- Baldwin, E.**, Chen, T., and Cole, D. 2018. Institutional analysis for new public governance scholars. *Public Management Review* 21(6): 890-917
- Baldwin, E.**, McCord, P., Dell'Angelo, J., and Evans, T. 2018. Collective action in a polycentric water governance system. *Environmental Policy and Governance* 28(4): 212-22
- Rountree, V., and **Baldwin, E.** 2018. State-Level Renewable Energy Policy Implementation: Why and How Do Stakeholders Participate? *Frontiers in Communication* 3:6.
- McCord, P., Dell'Angelo, J., Waldman, K., **Baldwin, E.**, and Evans, T. 2018. Assessing multi-level drivers of adaptation to climate variability and water insecurity in smallholder irrigation systems. *World Development* 108: 296-308.
- Baldwin, E.**, V. Rountree, and Jock, J. 2018. Distributed Resources and Distributed Governance: Stakeholder Participation in Demand Side Management Governance. *Energy Research and Social Science* 39: 37-45.
- Baldwin, E.**, Carley, S., Brass, J., and MacLean, L. 2017. Global Renewable Electricity Policy: A Comparative Policy Analysis of Countries by Income Status. *Journal of Comparative Policy Analysis* 19(3).
- McCord, P., Dell'Angelo, J., **Baldwin, E.**, and Evans, T. 2017. Polycentric transformation in Kenyan water governance: A dynamic analysis of institutional and social-ecological change. *Policy Studies Journal* 45(4): 633-658.
- MacLean, L., Gore, C., Brass, J., and **Baldwin, E.** 2016. Expectations of Power: Electricity Provision and the Politics of State-Building in Ghana and Uganda. *Journal of African Political Economy and Development*.
- MacLean, L., Bob-Milliar, G., **Baldwin, E.**, and Dickey, E. 2016. The Construction of Citizenship and the Public Provision of Electricity during the 2014 World Cup in Ghana. *Journal of Modern African Studies*.
- Carley, S., **Baldwin, E.**, Brass, J., and MacLean, L. 2016. Global Expansion of Renewable Energy Generation: An Analysis of Policy Instruments. *Environmental and Resource Economics*.
- Baldwin, E.**, Washington-Ottobre, C., Cole, D., Dell'Angelo, J., and Evans, T. 2016. Polycentric Governance and Irrigation Reform in Kenya. *Governance: An International Journal of Policy, Administration, and Institutions* 29(2).

- Baldwin, E.**, Carley, S., Brass, J., and MacLean, L. 2014. Electrification and rural development: issues of scale in distributed generation. *Wiley Interdisciplinary Reviews: Energy and Environment* 4(2).
- Brass, J., Carley, S., MacLean, L., and **Baldwin, E.** 2012. Power for development: An analysis of on-the-ground experiences of distributed generation in the developing world. *Annual Review of Environment and Resources* 37:107–36.

NON PEER-REVIEWED JOURNAL ARTICLES

- Baldwin, E.** From Regulation to Governance in the Electric Sector. 2018. *Current Sustainable/Renewable Energy Reports*.
- Rowe, R., Finley, J., and **Baldwin, E.** 2018. Consultation without accountability: An analysis of tribal consultation under the National Environmental Policy Act and the National Historic Preservation Act. Forthcoming in *Arizona Journal of Environmental Law & Policy*.
- Carpenter, S., **Baldwin, E.**, and Cole, D. 2016. The Evolution of Legal Institutions for Decentralized Control of Irrigation Water in Kenya. Forthcoming in *Natural Resources Journal*.
- Baldwin, E.** and Richards, K. 2012. REDD, PINC, and Other Shades of Green: Institutional Requirements for an International Forest Carbon Sequestration Treaty in a Post-Kyoto World. *Natural Resources Journal* 51(1).
- Baldwin, E.** 2011. Twenty-Five Years Under the Convention on Migratory Species: Migration Conservation Lessons from Europe. *Environmental Law* 41:535.

BOOK CHAPTERS

- Thiel, A., Pacheco-Vega, R, **Baldwin, E.** 2019. Institutional change in polycentric governance: Performance, evolution and institutional crafting. In Thiel, A., et al., eds. *Governing Complexity*.
- Dell'Angelo, J., McCord, P., **Baldwin, E.**, Cox, M., Gower, D., Caylor, K. & Evans, T. 2014. Multilevel Governance of Irrigation Systems and Adaptation to Climate Change in Kenya. In Bogardi, J., Bhaduri, A., Leentvaar, J., and Sina, M., eds. *The Global Water System in the Anthropocene: Challenges for Science and Governance*, Springer International Publishing, Switzerland.

PROFESSIONAL REPORTS

- Baldwin, E.**, and Gajarsa, J. Country Report and Case Study Summary – Tanzania Decentralized Energy Portfolio Review. Prepared for review by USAID under Contract AID-OAA-M-1300017. Submitted March 2016.
- Baldwin, E.**, Carley, S., and Gardner, W. 2011. Demand Side Management and Energy Efficiency in Indiana: A Comparison of Policy Instruments. Submitted to the Indiana Utility Regulatory Commission.
- Baldwin, E.** 2011. Options for Amending the Statute of Limitations in Indiana's Environmental Liability Act. Prepared on behalf of the Indiana General Assembly.
- Farnsworth, D., Pike-Biegunska, E., and **Baldwin, E.** 2011. Clean Energy and Climate Policy in the Midwest. Prepared for the Regulatory Assistance Project.
- Harrington, C., Murray, C., and **Baldwin, E.** 2006. Energy Efficiency Policy Toolkit. Prepared for the Regulatory Assistance Project.

MEDIA AND BLOG POSTS

- Emerson, K., **Baldwin, E.**, López-Hoffman, L. 2018. Notes from the Field: Public Managers Cooperate on the U.S. Mexico Border. *Management Matters: The Public Management Research Association Newsletter*. Volume 16, Number 2 Fall 2018
- Baldwin, E.**, Emerson, K., López-Hoffman, L. 2017. Border security vs. environmental protection? It's a false choice. *Houston Chronicle* Op-Ed, Aug. 5, 2017.
<https://www.houstonchronicle.com/opinion/outlook/article/Border-security-vs-environmentalprotection-11737181.php>
- Baldwin, E.** 2017. New Governance of the Electricity Sector: States as Policy Laboratories. Climate Change and Public Administration blog commentary symposium, *Public Administration Review*.

IN PROGRESS/UNDER REVIEW

- Baldwin, E.**, and Emerson, K. Using the Strategic Action Framework to Analyze Environmental Policy Implementation on the U.S.-Mexico Border. R&R.
- Hannah, C.; **Baldwin, E.**, Macedo, G., Fluckiger, A, McCann, L., Joshi, N. Guido, Z., Zimmer, A., Evans, T. Decentralizing water governance in Africa. Manuscript available upon request.
- Katherine A. Hovanes, Aaron M. Lien, **Elizabeth Baldwin**, Yue M. Li, Kim Franklin, and Elise S. Gornish. Effects of local scale topography and density on invasive C4 perennial bunchgrass (*Pennisetum ciliare*) size and reproduction. Under review.

SELECTED CONFERENCE PRESENTATIONS

- Ahn, M. and Baldwin, E. Examining the Distributive Effects of Participatory Governance: An Empirical Study from the Energy Sector. Presented at the Association for Public Policy Analysis and Management fall research conference (Virtual conference, November 2020).
- Baldwin, E., and Thiel, A. Polycentric Governance: A literature review. Presented at the European Consortium for Political Research (Virtual conference, August 2020).
- Baldwin, E., and Thiel, A. Polycentric Governance: A literature review. Presented at the International Association for the Study of the Commons workshop (Tempe, AZ, March 2020).
- Baldwin, E. A. From Regulation to Governance in the Electric Sector: The Effect of Institutional Structures on Clean Energy Policy Outcomes. Paper presented at Association of Public Policy and Management Fall Research Conference (Denver, CO., November 2019)
- Baldwin, E., and Lien, A. Collective Action for Invasive Species Governance. Paper presented at the Workshop on the Ostrom Workshop (Bloomington, IN, June 2019).
- Baldwin, E., and Emerson, K. Using the Strategic Action Framework to Analyze Environmental Policy Implementation on the U.S.-Mexico Border. Paper presented at the Public Management Research Conference (Chapel Hill, NC, June 2019).
- Baldwin, E., and Emerson, K. Using the Strategic Action Framework to Analyze Environmental Policy Implementation on the U.S.-Mexico Border. Paper presented at the Midwest Political Science Association annual conference (Chicago, IL, April 2019).
- Baldwin, E. From deregulation to integrated resource planning: how do institutional arrangements shape the outcomes of clean energy policy? Paper presented at Association of Public Policy and Management Fall Research Conference (Washington, D.C., November 2018)

- Baldwin, E., and Emerson, K. In Search of NEPA Effectiveness. Presented at the Midwest Political Science Association annual conference (Chicago, IL, April 2018).
- Baldwin, E. Studying polycentricity in Kenyan water governance. Presented at the International Association for the Study of the Commons workshop (Tempe, AZ, March 2018).
- Baldwin, E. Does Collaborative Governance Affect Clean Energy Policy Outcomes? Empirical Evidence from the Electric Sector. Paper presented at Association of Public Policy and Management Fall Research Conference (Chicago, IL, November 2017)
- Baldwin, E. The effect of stakeholder engagement on administrative policy decisions. Paper presented at Energy Democracy Symposium, Utah State University (Salt Lake City, July 2017).
- Baldwin, E., and Fyall, R. Big Questions for Public Managers in an Era of Devolution. Paper presented at the Public Management Research Association Conference (Washington, D.C., June 2017).
- Baldwin, E., Chen, T., and Cole, D. Treating Institutions Seriously: Institutional Analysis for Public Administration Scholars. Paper presented at the Midwest Political Science Association conference (Chicago, IL, April 2017)
- Baldwin, E., Carley, S., and Nicholson-Crotty, N. The Global Diffusion of Renewable Energy Policies: External Influence and the Importance of Ideological Similarities. Paper presented at Association of Public Policy and Management Fall Research Conference (Washington, DC, November 2016)
- Baldwin, E., McCord, P., and Dell'Angelo, J. Coordination and Redundancy in a multi-level water governance system: Polycentric water governance in Kenya. Paper presented at the Midwest Political Science Association conference (Chicago, IL, April 2016)
- Cole, D., and Baldwin, E. Goldilocks and the Three-Judge Panel: EPA Rules Alleged to be too Lax and too Stringent Are Almost Always Found to Be Just Right. Presented at QuantLaw Workshop (Tucson, Arizona, February 2016)
- McCord, P., Dell'Angelo, J., Baldwin, E., Gower, D., and Evans, T. Polycentric transformation and outcomes in Kenyan watershed management: A dynamic combined IAD-SES analysis. Paper presented at the International Conference on Public Policy (Milan, Italy, July 2015)
- MacLean, L., Bob-Milliar, G., Baldwin, E., and Dickey, E. The Construction of Citizenship and the Public Provision of Electricity during the 2014 World Cup in Ghana. Paper presented at the Midwest Political Science Association conference (Chicago, IL, April 2015)
- Baldwin, E., Carley, S., Brass, J., and MacLean, L. 2014. Global Renewable Energy Generation: An Analysis of Renewable Energy Policy Effectiveness by GNI Status. Paper presented at Association of Public Policy and Management Fall Research Conference (Albuquerque, NM, November 2014).
- Baldwin, E., Carley, S., Brass, J., and MacLean, L. 2014. Global Renewable Energy Generation: An Analysis of Renewable Energy Policy Effectiveness by HDI Status. Poster presentation at Midwest Political Science Association Conference (Chicago, IL, April 2014).
- Baldwin, E. 2013. The effect of stakeholder involvement on electricity generation: an IAD study of state electric sector decision-making. Paper presented at Ostrom Workshop Mini-conference (Bloomington, IN, December 2013).
- Baldwin, E. 2013. From Advocacy Coalitions to Network Implementation: An Empirical Assessment of Participatory Governance Structures in Electricity Regulation. Paper presented at Association of Public Policy and Management Fall Research Conference (Washington, D.C., November 2013).
- Baldwin, E. 2013. From Advocacy Coalitions to Network Implementation: An Empirical Assessment of Participatory Governance Structures in Electricity Regulation. Paper presented at Public Management Research Conference (Madison, WI, June 2013).

EXTERNAL RESEARCH GRANTS

National Science Foundation Coupled Natural-Human Systems. 2019. Award # 1924016: Solving Grand Challenges in Coupled Natural Human Systems: Predicting Effective Governance Strategies for Managing Invasive Species. Awarded 2019 (\$1.58 million. PI: **E Baldwin**; collaborators: A Lien, A Henry, E Gornish, M McClaren)

Social Sciences Humanities Research Council (Canada). 2019. Political Participation and Electricity in sub-Saharan Africa. Awarded 2019 (\$167,977. PI: Chris Gore; collaborators: J Brass, L MacLean, **E Baldwin**, and W Mitullah).

National Science Foundation Coupled Natural-Human Systems. 2018. Revealing the Hidden Ecoclimate Teleconnections between Forest and Agriculture in the US Enables Novel Governance Strategies for a Telecoupled World. Awarded 2018 (\$1.45 million. PI: D Breshears; Co-PIs: L López-Hoffman, J Soto, A Lien, and A Swann. Senior Personnel: **E Baldwin**).

National Science Foundation Resource Implementations for Data Intensive Research in the Social Sciences. 2018. Collaborative Research: eNEPA—Harnessing the Power of Big Data to Catalyze Scholarly Inquiry and Transform Public Engagement with the National Environmental Policy Act. Awarded 2018 (\$1.5 million. PIs: L López-Hoffman, T Scott; Co-PIs: **E Baldwin**, S Bethard, M Miller, S Ram).

INTERNAL RESEARCH GRANTS

University of Arizona Social and Behavioral Sciences Faculty Seed Grant (\$3,500)	2017
University of Arizona Social and Behavioral Sciences Leveraging Grant (\$1,000)	2017
University of Arizona Office of Research and Discovery Faculty Seed Grant (\$10,000)	2016
University of Arizona Social and Behavioral Sciences Faculty Seed Grant (\$3,500)	2016
University of Arizona Institute for Environment Research Grant (\$15,000)	2016

FELLOWSHIPS & AWARDS

Udall Fellowship, Udall Center for Studies in Public Policy (\$10,000)	2020
Award for Best Comparative Paper, Association for Public Policy Analysis and Management (\$1,000)	2014
Ostrom Workshop Summer Research Assistantship (\$3,000)	2014
Graduate Fellowship, Indiana University (\$93,000/4 years)	2011-2014
International School on Energy Systems, Bavaria, Germany (\$1,500)	
2012 Chancellor's Fellowship, Indiana University Michael Maurer School of Law (\$129,000/4 years)	2007-2010
Luce Foundation Scholar, Unity College (\$22,000/4 years)	2000-2004

INVITED PRESENTATIONS

Context, Operations, Outcomes, and Feedbacks: A literature review and framework for research on polycentric governance. Presented virtually at the Polycentricity Network, University of Kassel, Germany, October 2022

Understanding Polycentric Governance: A Research Agenda for Institutional Analysts. Keynote talk at the WINIR Conference on Polycentric Governance & the Challenges of the 21st Century, September 2022

Invasive Species Governance as a Collective Action Dilemma. Presented at University of California-Davis, January 2021

Power for Development: A Review of Distributed Generation Projects in the Developing World. Presented to the Advanced Research Projects Agency – Energy (ARPA-E), Washington D.C., November 6th, 2013.

Energy Efficiency: State Level Policy Options for Indiana. Presented to Indiana University Public Policy Commission, Indianapolis, IN, April 8, 2011.

Options for Amending the Statute of Limitations in Indiana's Environmental Liability Act. Presented as testimony in favor of SB 436 before the Indiana Joint Natural Resource Committee, Indianapolis, IN, February 7, 2011.

Forest PINC: A Deeper Shade of REDD. Delivered as keynote address to Forestry Forum hosted by Duke Energy and The Nature Conservancy, Indianapolis, IN, October 12th, 2009

TEACHING EXPERIENCE

Recipient, Kozloff Award for Teaching Excellence (MPA-MPP program)

2018

Instructor

PA/POL 206: Public Policy and Administration, University of Arizona

PA/POL 481: Environmental Policy, University of Arizona

PA 503: Politics, Policy, and Public Management, University of Arizona

PA 510: Nonprofits in the Policy Process, University of Arizona

PA/POL 581: Environmental Policy, University of Arizona

POL 612: Seminar in Energy Policy, University of Arizona

Associate Instructor (full teaching responsibilities)

E162: People and the Environment, Indiana University SPEA

PhD dissertation committees: Valerie Rountree** (2018); Georgia Pfeiffer* (2019); Cheryl Ellenwood (2021)*; Qianhui Li (2021)*; Leah Pieper (2021)*; Min Woo Ahn*; Wasimon Tosuratana*; Diana Githu**; Lynn Rae**

PhD comprehensive exam committees: Leah Pieper* (2018); Qianhui Li* (2018); Logan Blair* (2020); Wasimon Tosuratana* (2021); Lynn Rae** (2023) Diana Githu** (2022)

Masters' student advisees: Brianna Zurita* (2018); Sarah Randall*** (2019); Sofia Rodriguez-McGoffin** (2019); Stephen Julian*** (2021); Sara Leopold*** (2022); Ruth Panill*** (2022); Tristan Hites* (2022); Trent Blomberg*** (2023); Joseph Fickett*** (2023)

Undergraduate honors theses: Idrian Molina* (2018), Nadia Khan* (2020), Phoenix Eskridge-Aldama* (2020); Ryan Ng (2021)

* Students in the School of Government and Public Policy

** Students in the School of Natural Resources and Environment

*** Students in the Water, Society, and Policy masters' program

EDUCATION

- Doctorate of Philosophy, Public Affairs** 2015
School of Public and Environmental Affairs (SPEA), Indiana University, Bloomington, IN
Dissertation Title: *State Clean Energy Policies & Stakeholder Involvement: How Stakeholders Affect Policy Implementation*
Committee: Michael McGuire (Chair), Sanya Carley, Daniel Cole, Sean Nicholson-Crotty Major
Fields: Public Management, Environmental Policy
Minor Field: Law
- Juris Doctorate (cum laude)** 2011
Indiana University Maurer School of Law, Bloomington, IN
- Master of Public Administration** 2011
School of Public and Environmental Affairs (SPEA), Indiana University, Bloomington, IN
- Bachelor of Science, Environmental Policy (summa cum laude)**
2004 Unity College, Unity, ME

PROFESSIONAL EXPERIENCE

- Consultant to Management Systems International and USAID 2015
Consultant to the Indiana General Assembly 2011
Legal Intern, International Union for the Conservation of Nature, Bonn, Germany 2010
Legal Intern, Indiana Utility Regulatory Commission 2010
Legal Intern, Maine Office of Attorney General 2008
Research Associate, Regulatory Assistance Project 2005 – 2007

DEPARTMENTAL & UNIVERSITY SERVICE

- Director, Certificate in Collaborative Governance 2022 – current
Advisory Committee, Arizona Institute for Resilient Environments and Society 2022 – current
Executive Committee, University of Arizona SGPP 2019 – 2021
MPA-MPP Committee, University of Arizona SGPP 2016 – current
Executive Committee Member, Masters' program in Water, Society, and Policy 2017 – current
Advisory board member, Natural Resource Users Law & Policy Center 2020 – current
Faculty advisory member, Bridging Biodiversity & Conservation Science 2016 – 2020
MPSA program committee, section on Public Administration 2018 - 2019
APPAM program committee, section on Natural Resource Security, Energy, and Environmental Policy 2017 - 2020
Ostrom Workshop Colloquium Committee, Indiana University 2014 – 2015
Ad-hoc reviewer: Nature Energy; Governance; Review of Policy Research; Energy Policy; International Journal of the Commons; Society and Natural Resources; Environmental Science & Policy; International Studies Quarterly; Policy Studies Journal; American Political Science Review; Publius;

Public Management Review; Conservation & Society; Energy Economics; Geoforum; Journal of Policy Analysis & Management; Public Administration Review; World Development; Administration & Society

PROFESSIONAL MEMBERSHIPS

Member, Association for Public Policy Analysis and Management (APPAM)

Member, Public Management Research Association (PMRA)

Member, Midwest Political Science Association (MPSA)

Member, International Association for the Study of the Commons (IASC)

RESEARCH SKILLS

Statistical analysis using Stata; basic regression, panel & longitudinal data analysis, multilevel modeling

Field interviews & fieldwork logistics (US and Africa)

Legal and archival research

Qualitative analysis using Nvivo