

Curriculum Vitae

Ken Cousins

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EDUCATION

Professional Certificate in Geospatial Information Systems, University of Washington, 2017

Ph.D., Department of Government and Politics, University of Maryland, 2006

Fields: Political Economy (2001), Resource and Environmental Politics (2002)

Dissertation: *Principals, Agents, and Distant Markets: the Role of Information in Non-State Market-Driven Public Policy*, comparing delegation and information transfer in forest management regulation and sustainable forestry certification systems in Chile

M.A., Political Economy, University of Maryland, 2001

B.A., Political Science, University of Washington, 1998

B.A., Ecological Agriculture, minor in Computer Science, Evergreen State College, 1992

EMPLOYMENT

Research Principal and Ecological Economist, Earth Economics, 2020-present

Managing economic and geospatial analysts (staff, contractors, interns) to facilitate successful completion of all project deliverables; senior research and business development responsibilities; senior reviewer and copyeditor; curating all social media content for organization

Senior Researcher and Ecological Economist, Earth Economics, 2017-2019

Senior researcher of place-based economics analyses integrating ecological, social, and economic processes and data; business development lead, lead reviewer, copyeditor

Ecological Economist, Earth Economics, 2015-2017

Research design, data collection, and analysis of place-based economics analysis integrating ecological, social, and economic processes and data

Research Director, The Vicinus Group, 2010-present

Research design, data collection and analysis of activist networks in the domains of sustainability and carbon-neutrality in Washington state, extracting relational and other data from large text corpora.

Research Scientist, Center for Policy Research, Rockefeller College of Public Affairs and Policy, University at Albany, SUNY, 2009-present.

Research design, data collection and analysis, focused on extracting relational and other data from large text corpora (50K+ documents), focused on group mobilization strategies.

Research Scientist, NSF Law & Social Sciences Grants, 2004-2008. *Inter-court Relations in the American Legal System I and II*. 2005-2007

Developed and co-directed a \$340,000 project on the development of new tools and techniques to study the communication of precedent within the American court system, on the issue of regulatory takings.

Research Assistant, Minorities at Risk Project, Center for International Development and Conflict Management, University of Maryland, 2002, 1998

Coded event-level data for thirty-three minority groups throughout Latin America and the Caribbean for the years 1992-1997 and 1998-2002; summary risk assessments for each group.

Research Fellow, Forest Stewardship Council, Washington, DC, 2001-2002

Field research on private forestry in the United States; assessing programs for small-scale land owners, developing alternative policies to improve productivity and efficiency.

PUBLICATIONS

- Angela Fletcher, Loretta J Metz, Aaron Lien, Carrie-Ann Houdeshell, Alice Lin, Erin Mackey, Ken Cousins, Emily Kachergis. *Accounting for Nature's Value with Rangeland Conservation Practices in the Western Range and Irrigated Region*. Earth Economics, Tacoma, WA (2024)
- Carson Risner, Trygve Madsen, Olivia Molden, Ken Cousins. *Expanding FEMA's Benefit Cost Analysis: Chittenden Living Shoreline Case Study*. Earth Economics and Save the Sound (2023)
- Earth Economics and Amigos de los Rios. *The Next Generation of Schoolyards: Lessons from the Watershed Discovery Campus*. Earth Economics, Tacoma, WA (2023)
- Earth Economics. *Response to the Office of Management and Budget's Draft Guidance for Assessing Changes in Environmental and Ecosystem Services in Benefit-Cost Analysis*. Earth Economics, Tacoma, WA (2023)
- Earth Economics and Water Wise Gulf South, Healthy Community Services, Greater Tremé Consortium, Bunny Friend Neighborhood Association, New Orleans East Green Infrastructure Collective, and the Lower 9th Ward Homeownership Association. *The Benefits of Community-Driven Green Infrastructure (Updated): Technical Report*. Earth Economics, Tacoma, WA (2023)
- Earth Economics. *Response to the Office of Science and Technology Policy's proposed Federal Strategic Plan on Statistics for Environmental-Economic Decisions*. Earth Economics, Tacoma, WA (2022)
- Carson Risner, Ken Cousins, Alice Lin, Angela Fletcher, Olivia Molden. *Benefit-Cost Analysis of Best Management Practices in the Blue River Watershed of Oklahoma*. Earth Economics, Tacoma, WA. (2022)
- Earth Economics. *Cultivating Cultural and Environmental Value: Paradise Parking Plots Community Garden. Fact Sheet*. Earth Economics and World Relief Western Washington, Kent, WA (2022)
- Will Golding, Laura Villegas, Alice Lin, Tena Ward, Olivia Molden, Ken Cousins. *Cultivating Cultural and Environmental Value from Underutilized Urban Space: Quantifying the Benefits of Paradise Parking Plots. Technical Report*. Earth Economics, Tacoma, WA (2022)
- Ken Cousins, Angela Fletcher-Muñoz, Erin Mackey, Alice Lin. *Nature's Value in Island County: Identifying the Economics Behind a Healthy Puget Sound*. Earth Economics, Tacoma, WA (2022)
- Erin Mackey, Angela Fletcher-Muñoz, Ken Cousins. *Nature's Value in the Salish Sea: Non-market Benefits and Human Wellbeing*. Earth Economics, Tacoma, WA (2022)
- Alice Lin, Ken Cousins, Angela Fletcher-Muñoz, Johnny Mojica. *Outdoor Recreation on State Lands in Washington: What Mobile Device Data Reveal About Visitation*. Earth Economics, Tacoma, WA (2022)
- Johnny Mojica, Ken Cousins, Alice Lin. *Economic Analysis of the Lake Chelan Golf Course*. Earth Economics, Tacoma, WA (2021)
- Johnny Mojica, Ken Cousins, Angela Fletcher-Muñoz. *Economic Analysis of Washington State Parks*. Earth Economics, Tacoma, WA (2021)
- Ken Cousins, Johnny Mojica, Trygve Madsen, Corrine Armistead, Angela Fletcher-Muñoz. *Trust Land Performance Assessment: Non-Market Environmental Benefits and Values*. Earth Economics, Tacoma, WA (2020)
- Johnny Mojica, Ken Cousins, Trygve Madsen. *Economic Analysis of Outdoor Recreation in Oregon*. Earth Economics, Tacoma, WA (2021)
- Ken Cousins, Corrine Armistead, Johnny Mojica, Jimmy Kaplan. *Funding Culvert Replacement: Leveraging FEMA to Support Salmon, Property, and Public Safety*. Earth Economics, Tacoma, WA (2020)
- Angela Fletcher-Muñoz, Loretta J Metz, Jordan Wildish, Ken Cousins. *Accounting for Nature's Value with USDA-NRCS Conservation Practices in the Central Great Plains*. Earth Economics, Tacoma, WA (2020)
- Olivia Molden, Angela Fletcher-Muñoz, Ken Cousins. *Natural Capital Valuation of Interim Zoning Open Space Parcels*. Earth Economics, Tacoma, WA (2020)

- Ken Cousins, Kenneth Zummach. *Finance Mechanisms for the Sustainable Stewardship of Private Forests*. Earth Economics, Tacoma, WA (2020)
- Trygve Madsen, Matt Van Deren, Nina Kerr, Ken Cousins. *The Forest Beneath the Waves: the Economic Value Produced by California's Kelp Forests*. Earth Economics, Tacoma, WA (2019)
- Tania Briceno, Ken Cousins, Trygve Madsen, Jared Soares. *Accounting for Environmental Change: A Modernized Approach to Benefit-Cost Analysis on the Upper Mississippi River*. Earth Economics, Tacoma, WA (2019)
- Rebecca Page, Ken Cousins, Johnny Mojica. *Hale Parkway Economic Assessment*, Earth Economics, Tacoma, WA (2019)
- Angela Fletcher-Muñoz, Ken Cousins. *Ecosystem Services Valuation of the Keweenaw Peninsula*, Earth Economics, Tacoma, WA (2019)
- Matt Van Deren, Ken Cousins, Nina Kerr, Jared Soares. *The Public Benefits of Private Forests: an Ecosystem Services Valuation of Private Forest Lands in Pierce County, Washington*. Earth Economics, Tacoma, WA (2018)
- Meridian Institute and Earth Economics. *Colorado Parks and Wildlife Future Funding Study*. Meridian Institute, Aspen, CO (2018)
- Zac Christin, Johnny Mojica, Ken Cousins, Matt Chadsey. *The Economic Impact of the 2016 Loma Fire*. Earth Economics, Tacoma, WA (2017)
- Ken Cousins. *The Economic Benefits and Costs of Snow in the Upper Colorado Basin*, Earth Economics, Tacoma, WA (2017)
- Rowan Schmidt, J Tutak, Peter Casey, Corrine Armistead, Ken Cousins, Mike Mertens, Lola Flores, David Diaz. *Economic Analysis of the Pure Water Partners Program*. Prepared for the Eugene Water and Electric Board. Earth Economics, Tacoma, WA. (2017)
- Maya Kocian, Lola Flores, Ken Cousins, Nathan Cutler. *Salmon Habitat Investment Portfolio*. Earth Economics, Tacoma, WA. (2017)
- Johnny Mojica, Ken Cousins, Tania Briceno. *National Economic Analysis of the Four Lower Snake River Dams: A Review of the 2002 Lower Snake Feasibility Report/Environmental Impact Statement*. Economic Appendix (I), Earth Economics, Tacoma, WA (2016)
- Victor Asal, Jacob Mauslein, Amanda Murdie, Joseph Young, Ken Cousins, Chris Bronk. Repression, Education, and Politically Motivated Cyberattacks, *Journal of Global Security Studies* 1 [3]: 234-46. (2016)
- Victor Asal, Ken Cousins, Kristian Skrede Gleditsch. Making Ends Meet: Combining Organizational Data in Contentious Politics, *Journal of Peace Research* 52: 134-38 (2014)
- Dennis Pirages and Ken Cousins (eds.) *From Environmental Scarcity to Ecological Security: Exploring New Limits to Growth* MIT Press (2005).
- "Twenty-nine Days: Responses to a Finite World" in *From Environmental Scarcity to Ecological Security: Exploring New Limits to Growth*. Dennis Pirages and Ken Cousins (eds.), MIT Press (2005)
- Ken Cousins and Wayne McIntosh, "More than Typewriters, More than Adding Machines: Integrating Information Technology into Political Research," *Quality and Quantity* 39: 581-614 (October 2005)
- Trista Patterson, Tim Gulden, Ken Cousins, and Egor Kraev, "A Dynamic Model Of Tourism In Dominica," *Ecological Modeling* 175: 121-36 (2004).

CONFERENCES

- Outdoor Recreation on State Lands in Washington: What mobile device data reveal about visitation*, American Planning Association Inland Empire Section Annual Conference, Priest Lake, ID, June 1, 2023
- Nature's Value in the Salish Sea: Identifying the Economics Behind a Healthy Puget Sound*, Salish Sea Ecosystem Conference, Western Washington University, Bellingham, WA, April 28, 2022

Improving Salmon Access to Inland Habitat while Reducing Risk to Human Safety and Property, Salish Sea Ecosystem Conference, Western Washington University, Bellingham, WA, April 27, 2022

Green, Blue, and Grey: ecosystem services and overlapping water and transport networks, US Society for Ecological Economics / Ecological Society of America 2019, Louisville, KY, August 2019

If a Tree Falls on the Other Side of the World... Distance and Information in Global Markets, Exploratory Workshop on Research in Corporate Social Responsibility, Yale University, New Haven, CT (January 12-14, 2007)

The Evolution of Law in the Federal Court System: a Citation Analysis of Federal Regulatory Takings Decisions, 1978-2005, with Wayne McIntosh, Michael Evans, Steve Simon, and John McTague Annual Meeting of the American Political Science Association, Philadelphia, PA September 2006.

Principals, Agents, and Public Goods: Information and Structural Complexity in Policy Implementation Systems, Annual Meeting of the International Studies Association, San Diego, CA March 2006.

More than Typewriters, More than Adding Machines: Integrating Information Technology Into Political Research, Annual Meeting of the International Studies Association, Montreal, Canada March 2004.

"Certification: an Insider's Perspective," 7th Annual Environmental Law & Institutions Colloquium, *Certification Institutions and Private Governance: New Dynamics in the Protection of Workers and the Environment*, Duke Center for Environmental Solutions, December 2001.

Defining Responsibility: Control of Knowledge in Chilean Environmental Law, Annual Meeting of the International Studies Association Chicago, February 2001.

TEACHING

Political Economy of Conscience (PLSC 416), Western Washington University, 2008

Economics and politics of social labeling systems, contrasting state-based regulation with voluntary, market-based systems.

Politics of Inequality (PLSC 346), Western Washington University, 2008

Deepening understanding of – and sensitivity to – persistent inequalities; how and why such differences occur, ideas about why they matter, remedies and prevention.

Environmental Politics (PLSC 420), Western Washington University, 2007–2008

Politics and policies of the environment and natural resources, emphasizing US national policies (domestic and foreign), as well as those of Washington State.

Environmental Ethics (CPSP 218E), University of Maryland, 2006

Introduction to ideas about nature in human society and humans in the non-human world, the values guiding the actions of individuals, organizations, and governments.

The Craft of Political Science Research (GVPT 3990), University of Maryland, 2006

Introduction to the scientific process: research design, research ethics, archival research, survey design, interviewing, content analysis, process tracing, social network analysis.

Introduction to Environmental Politics (GVPT 273), University of Maryland, 2006

Historical overview of environmental problems, institutions, policies, practices, and remedies, with an emphasis on American public policy, both domestic and foreign.

Policy in Context: Changing the Chesapeake (GVPT 399C), University of Maryland, 2004

Online course on the relationships between politics, policy, and environmental systems, through a case study of the natural and social history of the Chesapeake Bay watershed.

Vocational Agriculture and ESL, Bolivian National Agriculture-Technical Institute and Peace Corps, Caraparí, Tarija, Bolivia, 1993–1995

Taught agriculture, nutrition, and ESL; established basic curriculum; weekly lectures and practical exercises to over one hundred students. All classes taught in Spanish.

METHODOLOGICAL TRAINING

Professional Certificate in Geospatial Information Systems, University of Washington, 2017

Capstone: *Salmon-Safe Culverts in the Matanuska-Susitna Borough, Alaska*, identifying broader benefits and costs associated with models of localized flooding and transportation disruptions following culvert failure

ICPSR Workshop on Social Network Analysis, University of Michigan, 2006 (Stanley Wasserman and Ann McCranie, instructors)

Fuzzy Sets and Case-Oriented Research, APSA 2005, Washington, DC (Charles Ragin, instructor) Qualitative Research Methods (GVPT888), University of Maryland, 2002 (Miranda Schreurs, instructor)

Dynamic Modeling of Ecological and Economic Systems (PUAF744), University of Maryland, 2000 (Robert Costanza and Alexey Voinov, instructors)

Advanced Quantitative Methods in Political Science (GVP722), University of Maryland, 1999 (John Squire, instructor)