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Department of Agricultural and Resource Economics
University of California, Davis
Davis, CA 95616

Position:

Lecturer, Department of Agricultural and Resource Economics, University of California, Davis, 2024-Present
Lecturer (with faculty appointment), Sanford School of Public Policy, Duke University, 2020-2023
Teaching Assistant Professor, Dept. of Agricultural and Resource Economics, North Carolina State University, 2018-2020
Clinical Assistant Professor, Dept. of Applied Economics, Utah State University, 2016-2018

Other Positions/Affiliations:

External Research Coordinator, Fellowship Director, and Senior Research Fellow, Property & Environment Research Center, 2022 –
Policy Concentration Advisor, Environment and Energy Policy, Duke University, 2023
Faculty Affiliate, Center for Environmental and Resource Economic Policy, NC State University, 2018-

Degrees:

Ph.D. Environmental Science and Management, Univ. of California, Santa Barbara, 2016
fields: environmental & natural resource and econometrics
M.A. Economics, University of California Santa Barbara, 2010
B.S. Psychology, Michigan State Univ., 2009

Journal Publications:

Sutherland, S., 2025. *The National Environmental Policy Act and Climate Change Adaptation Within Federal Natural Resource Management Agencies*. Case Western Law Review, 75(1).
Edwards, E., Sutherland, S.A. and Thayer, A.W., 2023. Teaching Price Elasticity of Demand and Marginal Analysis using Household Water Pricing. *Applied Economics Teaching Resources (AETR)*, 5(3), pp.1-12.
Sutherland, S.A. and Edwards, E.C., 2022. The Impact of Property Rights to Fish on Remote Communities in Alaska. *Land Economics*, 98(2), pp.239-253.
Aceves-Bueno, E, A. S. Adeleye, D. Bradley, W. Brandt, P. Callery, M. Feraud, K. Garner, R. Gentry, Y. Huang, I. McCullough, I. Pearlman, S. Sutherland, W. Wilkinson, Y. Yang, T. Zink, S. Anderson, N. Tague. 2015. *Citizen Science as a Tool for Overcoming Insufficient Monitoring and Inadequate Stakeholder Buy-in in Adaptive Management: Criteria and Evidence*. Ecosystems. DOI: 10.1007/s10021-015-9842-4

Working Papers:

Sutherland, S.A., Hernandez-Cortes, D., Leonard, B. Community Emissions Permits and Procedural Justice.
Sutherland, S.A. and Edwards, E.C. The National Park Service and Bureaucracy of Preservation.

Wildfire Mitigation and Delay at the U.S. Forest Service (with Eric Edwards and Frederick Strabo)

Sutherland, S.A. Economic Determinants of Stakeholder Opposition to Fishing Property Rights.

Reports, Book Chapters, and Extension Publications:

Sutherland, S.A. and Watkins, T. 2026. National Parks: Economics and the History of Fees. Robert W. Turner ed. *The Legacy and Future of National Parks: Conservation, Recreation, and Cultural Heritage*, Nova Science Publishers, pp. 185-210.

Sutherland, S. 2026. From Race to Rights. *Property and Environmental Research Center (PERC)*, June 6, 2025.

Sutherland, S., Watkins, T. 2025. The Economics of Awe. *Property and Environmental Research Center (PERC)*, June 6, 2025.

Sutherland, S., Edwards, E., Strabo, F. 2025. Why wildfire-treatment accounting doesn't add up. *Property and Environmental Research Center (PERC)*, February 25, 2025.

Sutherland, S., Edwards, E., Strabo, F. 2025. PERC Wildfire Risk Map. A new tool helps identify the most opportune places to restore western forests. *Property and Environmental Research Center (PERC)*, February 25, 2025.

Edwards, E. and Sutherland, S. 2022. Does Environmental Review Worsen the Wildfire Crisis? How Environmental Analysis Delays Fuel Treatment Projects. *Property and Environmental Research Center (PERC) Policy Briefing*, June 14, 2022.

Sutherland, S. and Edwards, E. 2021. Oh, I'll Keep 'em Out. *Property and Environmental Research Center (PERC) Reports*, Volume 40, No. 2

Sutherland, S., Von Haefen, R., Eggleston, D. Cao, J. 2021. Economic Valuation of Submerged Aquatic Vegetation in the Albemarle- Pamlico Estuary. Prepared for: *Albemarle-Pamlico National Estuary Partnership (APNEP)*.

Edwards, E. Sutherland, S., Dumas, C., Hutchens, A., Oshagbemi, Y. 2021. North Carolina's Wild Caught Fishing Industry Economic Impact Assessment. *N.C. Seagrant*.

Sutherland, S. 2021. San Francisco's Water Steal. *Milken Institute review*.

Sutherland, S. 2020. The Dam Rent is too Low. *Property and Environmental Research Center (PERC) Reports*, Volume 39, No. 2

Sutherland, S. 2020. San Francisco Should Pay Yosemite the Dam Rent. *Property and Environmental Research Center (PERC) Policy Briefing*, Fall 2020.

Branan, R., Edwards, E.C., Hutchens, A., and Sutherland, S.A. 2019. How North Carolinians Benefit from Water Pollution Credit Trading. *NC State Economist*, NC State University College of Ag and Life Science, Fall 2019.

Edwards, E.C., Sutherland, S.A., and von Haefen, R.H. 2019. Should I Stay or Should I Go? Coal Ash in North Carolina. *NC State Economist*, NC State University College of Ag and Life Science, Winter 2019.

Edwards, E.C. and Sutherland, S.A. 2019. A Guide to Municipal Water Conservation Pricing in Utah. *USU Extension Numbered Publication*, Applied Economics/2019-01pr. URL: https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2956&context=extension_curall

Edwards, E.C. and Sutherland, S.A. 2017. Lobbying. Lobbying. Fathali M. Moghaddam ed. *SAGE Encyclopedia of Political Behavior*, SAGE Publications, Inc. Thousand Oaks, CA, pp. 448- 451.

Presentations:

2024	Innovations in Wildlife Conservation in the Pacific Northwest (PERC)
2023	Permitting for the Future Workshop (Case Western); Addressing Community Objections to Market-Based Systems Workshop
2022	Wednesday at Sanford; WRI Annual Conference; APNEP Leadership Meeting; Sage Lodge Colloquium for Federal Judges; Duke Forever Learning Institute: Economy of Climate Change
2021	Yellowstone Workshop (PERC); NC Division of Marine Fisheries Commercial Fishing Resource Fund Committee Meeting (virtual); APNEP Leadership Meeting
2020	Southern Economics Association Annual Meeting; Parks without Politics Workshop; WRI Annual Conference (virtual)
2019	Utah State University Extension Annual Conference; North Carolina Water Resources Research Institute Annual Meeting; Association of Environmental and Resource Economists (AERE) Summer Conference
2017	Spring Runoff Conference, Logan, UT; University of Florida; North American Association of Fisheries Economists (NAAFE) Forum; AERE Summer Conference; Society for Institutional and Organizational Economics
2016	Public Choice Society Annual Meetings
2015	The 14th Occasional Workshop on Environmental and Natural Resource Economics; WEAI Annual Conference AERE Session; NAAFE Forum;
2014	CU Environmental and Resource Economics Workshop

Grants, Fellowships and Awards:

2023	Eads Family Undergraduate Research Endowment Fund
2022	Eads Family Undergraduate Research Endowment Fund
2021	Property and Environment Research Center: Impact Fellow
2020	Property and Environment Research Center: Lone Mountain Fellow
2019	North Carolina Department of Environmental Quality. Submerged Aquatic Vegetation. Co-PI, \$70,000. October 2019-August 2020.
2019	North Carolina Department of Environmental Quality, Division of Marine Fisheries Commercial Fishing Fund: "Economic Impact Analysis of North Carolina's Commercial Fisheries." Co-PI, \$378,960, September 2019-August 2020
2018	Utah Agricultural Experiment Station Extension Water Initiative Grant. "Conserving Utah's Water via Markets: Alternatives for Sustaining Agriculture, Urban Growth, and the Environment." PI, \$33,988, July 2018-December 2019.
2017	Utah Agricultural Experiment Station Extension Water Initiative Grant. "The Potential for Water Conservation through Rate Changes: Economic Analysis and Implementation." Co-PI, \$19,451, July 2017-June 2018.
2011	Decker's Outdoor Corporation Fellowship, Univ. of California Santa Barbara Toyota Fellowship, Univ. of California Santa Barbara, September 2010-June 2012.
2009	USDA—Intern of the Year Award, Charlotte, MI.
2008	Provost Undergraduate Research Initiative Faculty Student Award, Michigan State Univ.

Teaching:*University of California, Davis*

ARE 100A: Theory of Production and Consumption (Winter 24)
ARE 100B: Imperfect Competition, Markets & Welfare Economics (Winter 24, Spring 24)
ARE 175: Natural Resource Economics (Spring 24, Fall 24, Fall 25)
ARE 146: Economics of Business Regulation (Fall 24, Spring 25)
ARE 112: Fundamentals of Organization Management (Fall 25)

Duke University

PubPol 303: Microeconomic Policy Tools (Fall 20, Fall 21, Fall 23)
PubPol 304: Public Sector Economics (Fall 21, Spring 22, Fall 22, Spring 23)
PubPol 811: Public Sector Economics—Masters (Spring 22, Fall 22, Spring 23, Fall 23)

Duke University

PubPol 303: Microeconomic Policy Tools (Fall 20, Fall 21, Fall 23)
PubPol 304: Public Sector Economics (Fall 21, Spring 22, Fall 22, Spring 23)
PubPol 811: Public Sector Economics—Masters (Spring 22, Fall 22, Spring 23)

North Carolina State University

ARE 336: Intro. to Natural Resource and Environmental Economics (Fall 18, Spring 19, Summer 1 19, Summer 2 19, Fall 19)
ARE 201: Intro. to Agricultural Economics (Spring 19, Fall 19)

Utah State University

Co-advisor, Envr. and Natural Resource Economics Club (17-18)
ECON 2010: Intro. to Microeconomics (Fall 16, Fall 17, Spring 17, Spring 18)
APEC 1600: Natural Resource and American Economic Institutions (Spring 18)
APEC 3012: Intro. to Natural Resource and Regional Economics (Fall 16)
APEC 3310: Analytical Methods in Applied Economics (Fall 16)
APEC 5560: Natural Resource and Environmental Economics (Spring 17)

University of California, Santa Barbara

ESM 279: Financial Management and Environmental Accounting—Masters (Spring 15)

Service:

2025	California's Fifth Climate Change Assessment (5CCA), Advisory Committee Member
2024- 2026	Undergraduate Internship Sponsor (ARE 192)
2024- 2026	Teaching Excellence Review; Peer Teaching Evaluation for Lecturers
2025	Big Sky Workshop on the Economics of Agriculture and the Environment, Conference Organizer
2024- 2026	Undergraduate Curriculum Committee, Member
2021-23	Triangle Resource and Environmental Economics (TREE) Seminar Coordinator

Consulting:

Central Bering Sea Fishermen's Association (CBSFA), 2021-2023

Worked with a legal team and association members to develop cohesive, science-based economic analysis and provide live testimony leading to a key ruling selecting CBSFA-favored management

alternative.

Property and Environment Research Center (PERC), 2020-2023

Supported initiative to build legislative support for science-based wildfire management by providing economic analysis of administrative data in a widely read report with figures and analysis appearing in Congressional testimony.

National Oceanic and Atmospheric Administration (NOAA), 2014-2016

Worked with NOAA economists to develop price projections for the SAFE economic status reports of groundfish fisheries off Alaska.