

Adam L. Hayes

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<https://adamlhayes.github.io/>

EMPLOYMENT

- 2023- Economist, Washington Department of Ecology
- 2021-2023 Postdoctoral Scholar, Univ. of Washington School of Aquatic and Fisheries Sciences
Affiliated with NOAA Alaska Fisheries Science Center
Supervisors: Prof. Andre Punt, Dr. Alan Haynie
- 2020-2021 Postdoctoral Scholar, Univ. of Washington School of Marine and Env. Affairs
Supervisor: Prof. Sunny Jardine
- 2017,2019 Teaching Assistant, Univ. of Washington Evans School of Public Policy
Courses: Microeconomics for Public Policy, Quantitative Analysis I & II
- 2016-2019 Research Assistant, Univ. of Washington Evans School of Public Policy
Supervisors: Profs. C. Leigh Anderson, Ann Bostrom, & David Layton
- 2014-2016 Trainee, Univ. of Washington IGERT Program on Ocean Change
Supervisor: Prof. Terrie Klinger
- 2008-2014 Data Specialist, Alpine Achievement Systems, Englewood, Colorado
Supervisor: Dr. Alisabeth Shearn

EDUCATION

- Ph.D. in Public Policy and Management, University of Washington, 2019
Concentration: Economics, Environmental Policy
Committee: David F. Layton (Chair), C. Leigh Anderson, Alan C. Haynie, Justin Marlowe, Christopher Adolph (GSR)
Dissertation: "Four Essays on Decentralized Markets in Policy and Management"
• Best Dissertation Honorable Mention, *Public Management Research Association*, 2020
- M.S. in Mineral and Energy Economics, Colorado School of Mines, 2012
- B.A. in Economics, Political Science, and International Affairs, University of Colorado, 2007

RESEARCH INTERESTS

Marine Resource Economics & Management, Environmental Governance,
Choice Analysis, Applied Econometrics, Networks, Text Analysis

PEER-REVIEWED ARTICLES

- Sunny Jardine, Katy Bland, and **Adam L. Hayes** (2024). "Fishing portfolio response to a climate shock." accepted at *Marine Resource Economics*.
- Marysia Szymkowiak, Andrew Steinkruger, and **Adam L. Hayes** (2024). "Alaska's emergent fisheries process." *Ocean & Coastal Management*, 249: 107004.^[DOI]

Whitney Fleming, **Adam L. Hayes**, Katherine M. Crosman, and Ann Bostrom (2021). "Indiscriminate, irrelevant, and sometimes wrong: Causal misconceptions about climate change." *Risk Analysis*, 41(1): 157-178.^[DOI]

Ann Bostrom, Gisela Böhm, **Adam L. Hayes**, and Robert O'Connor (2020). "Credible threat: Perceptions of pandemic coronavirus, climate change and the morality and management of global risks." *Frontiers in Psychology*, 11: 578562.^[DOI]

Katherine M. Crosman, Ann Bostrom, and **Adam L. Hayes** (2019). "Efficacy foundations for risk communication: How people think about reducing the risks of climate change." *Risk Analysis*, 39(10): 2329-2347.^[DOI]

Ann Bostrom, **Adam L. Hayes**, and Katherine M. Crosman (2019). "Efficacy, action and support for reducing climate change risks." *Risk Analysis*, 39(4): 805-828.^[DOI]

Adam L. Hayes and Tyler A. Scott (2018). "Multiplex network analysis for complex governance systems using surveys and online behavior." *Policy Studies Journal*, 46(2): 327-353.^[DOI]
• Best Doctoral Student Manuscript Award, Pi Alpha Alpha Honor Society, 2018

Adam L. Hayes, Eliza C. Heery, Elizabeth Maroon, Anna K. McLaskey, and Christine C. Stawitz (2018). "The role of scientific expertise in local adaptation to projected sea level rise." *Environmental Science and Policy*, 87: 55-63.^[DOI]

SUBMITTED AND IN PREPARATION

"Efficient trading in an established IFQ market: Alaskan halibut and sablefish" (sole-authored). *Working paper*.

"Estimating willingness-to-pay for fishing quota using a random bidding model" (with Alan Haynie and David F. Layton). *Working paper*.

"Choice inertia in municipal contracting: Evidence from the U.S. municipal bond market" (sole-authored). *Working paper*.

HONORS, GRANTS, AND FELLOWSHIPS

2020 Student Paper Honorable Mention, *International Institute of Fisheries Economics & Trade*

2020 Dissertation Award Honorable Mention, *Public Management Research Association*

2017-2019 Marine Resource Economics Fellowship, *National Marine Fisheries Service-Sea Grant*

2018 Emerging Scholar Award, *Network of Schools of Public Policy, Affairs, and Administration*

2018 Doctoral Student Manuscript Award, *Pi Alpha Alpha Honor Society*

CONFERENCE AND INVITED PRESENTATIONS

- 2024 World Fisheries Congress (Seattle, WA)
- 2023 Camp Resources (Asheville, NC)
- 2019 University of Washington Evans School Board of Governors
Guest Lecture for Executive Economics, Evans School Executive MPA Program
NMFS/Sea Grant Fellows Annual Meeting (Honolulu, HI)
- 2018 Network of Schools of Public Policy, Affairs, and Administration Conference (Atlanta, GA)
Association for Budgeting and Financial Management Annual Conference (Denver, CO)
International Institute of Fisheries Economics and Trade Biennial Conference (Seattle, WA)
University of Washington Center for Environmental Politics Graduate Workshop

PROFESSIONAL ACTIVITIES AND SERVICES

REFeree SERVICES

American Journal of Agricultural Economics
Fish and Fisheries
Fisheries Research

Marine Resource Economics
Policy Studies Journal
Scientific Reports

AFFILIATIONS AND MEMBERSHIPS

International Institute of Fisheries Economics and Trade (IIFET)
North American Association of Fisheries Economists (NAAFE)

TECHNICAL EXPERIENCE

COMPUTATION

Experienced in R; familiar with AMPL/CPLEX, GAMS, Matlab, Python, SPSS, Stan, Stata

TYPESETTING

L^AT_EX, R Markdown

SELECT PH.D. COURSEWORK

QUANTITATIVE METHODS

Economics Ph.D. Econometric Theory Sequence, Bayesian Statistics, Maximum Likelihood Estimation Methods, Statistical Analysis of Social Networks, Spatial Data Analysis, Text as Data, Data Analysis Practicum, Discrete Choice Econometrics (Independent Study)

MICROECONOMIC THEORY

Economics Ph.D. Microeconomic Theory Sequence, Economics Ph.D. Game Theory Sequence

ENVIRONMENTAL POLICY

Environmental Governance, Natural Resource Economics and Fisheries Economics, Coastal-Marine Socio-Ecological Systems

PUBLIC POLICY SEQUENCE

Perspectives on Institutions, Public Policy Processes, Public Policy Analysis