

Adam L. Hayes

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EMPLOYMENT

2023- Economist, Washington State Department of Ecology
2020-2023 Postdoctoral Scholar, Univ. of Washington and Alaska Fisheries Science Center
2014-2019 Teaching & Research Assistant, Univ. of Washington Evans School of Public Policy
2008-2014 Data Specialist, Alpine Achievement Systems

EDUCATION

Ph.D. in Public Policy and Management, University of Washington, 2019
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

PEER-REVIEWED ARTICLES

- Rovellini, A., A.E. Punt, M.D. Bryan, I.C. Kaplan, M.W. Dorn, K. Aydin, E.A. Fulton, B. Alglave, M.R. Baker, G. Carroll, B.E. Ferriss, M.A. Haltuch, **A.L. Hayes**, A.J. Hermann, P-Y. Hervann, K.K. Holsman, O.R. Liu, E. McHuron, H.N. Morzaria-Luna, J. Moss, S. Surma, and M.T. Weise (2025). "Linking climate stressors to ecological processes in ecosystem models, with a case study from the Gulf of Alaska." *ICES Journal of Marine Science*, 82(1): fsae002. [\[DOI\]](#)
- Jardine, S., K. Bland, and **A.L. Hayes** (2024). "Fishing portfolio response to a climate shock." *Marine Resource Economics*, 39(2): 79-100. [\[DOI\]](#)
- Szymkowiak, M., A. Steinkruger, and **A.L. Hayes** (2024). "Alaska's emergent fisheries process." *Ocean & Coastal Management*, 249: 107004. [\[DOI\]](#)
- Fleming, W., **A.L. Hayes**, K.M. Crosman, and A. Bostrom (2021). "Indiscriminate, irrelevant, and sometimes wrong: Causal misconceptions about climate change." *Risk Analysis*, 41(1): 157-178. [\[DOI\]](#)
- Bostrom, A., G. Böhm, **A.L. Hayes**, and R. O'Connor (2020). "Credible threat: Perceptions of pandemic coronavirus, climate change and the morality and management of global risks." *Frontiers in Psychology*, 11: 578562. [\[DOI\]](#)
- Crosman, K.M., A. Bostrom, and **A.L. Hayes** (2019). "Efficacy foundations for risk communication: How people think about reducing the risks of climate change." *Risk Analysis*, 39(10): 2329-2347. [\[DOI\]](#)
- Bostrom, A., **A.L. Hayes**, and K.M. Crosman (2019). "Efficacy, action and support for reducing climate change risks." *Risk Analysis*, 39(4): 805-828. [\[DOI\]](#)

Hayes, A.L. and T.A. Scott (2018). "Multiplex network analysis for complex governance systems using surveys and online behavior." *Policy Studies Journal*, 46(2): 327-353. [\[DOI\]](#)

Hayes, A.L., E.C. Heery, E. Maroon, A.K. McLaskey, and C.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

"Conflict, Cod and Calanus: Can Technology Increase Trust in Fisheries Management of a Contested Fishery?" (with Katherine M. Crosman, Emlyn J. Davies, and Sanna K. Majaneva). *Submitted* [\[SSRN Pre-Print\]](#)

"'It builds on trust': Exploring fishers' trust in management of fisheries in Norway" (with Katherine M. Crosman). *Revise and resubmit*

"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*.

PUBLISHED REPORTS

Hayes, A.L. and E. Diamond (2025). *Regulatory Analysis for the Safer Products Restrictions and Reporting Amendments: PFAS in Consumer Products*. Washington State Department of Ecology. Publication 25-04-027. [\[LINK\]](#)

Blair, L. and **A.L. Hayes** (2025). *Regulatory Analysis for Water Quality Permit Fees Amendments*. Washington State Department of Ecology. Publication 25-10-023. [\[LINK\]](#)

Hayes, A.L. and E. Diamond (2025). *Regulatory Analysis for Cosmetic Products Restrictions: Formaldehyde in Cosmetics*. Washington State Department of Ecology. Publication 25-04-009. [\[LINK\]](#)

Posewitz, A., E. Diamond, and **A.L. Hayes** (2024). *Regulatory Analysis for Financial Responsibility: Oil Handling Facilities and Vessels*. Washington State Department of Ecology. Publication 24-08-014. [\[LINK\]](#)

Zahner, J.A., M.A. Heller-Shipley, H.A. Oleynik, S.G. Beyer, P-Y. Hervann, M. Véron, A. Odell, J.Y. Sullivan, **A.L. Hayes**, K.L. Oken, V. Gertseva, M.A. Haltuch, and O.S. Hamel (2023). *Status of Shortspine Thornyhead (Sebastolobus alascanus) along the US West coast in 2023*. Pacific Fishery Management Council. [\[LINK\]](#)

Anderson, C.L., A. Cullen, D. Coomes, E. Ebeling, N. Forbes, **A.L. Hayes**, N. Kolla, and E. Weaver (2019). *Evidence of Observed Climate Impacts on Smallholder Farmer Systems*. Evans School Policy Analysis and Research Group. Research Brief 386. [\[LINK\]](#)

Reynolds, T., M. Klawitter, C.L. Anderson, P. Biscaye, K. Callaway, M. Greenaway, D. Lunchick-Seymour, M. McDonald, and **A.L. Hayes** (2017). *Review of Digital Credit Products and Regulations*. Evans School Policy Analysis and Research Group. Technical Reports 351A-B. [\[LINK\]](#)

HONORS, GRANTS, AND FELLOWSHIPS

2020 Student Paper Hon. Mention, *Intl. Institute of Fisheries Economics & Trade*
2020 Dissertation Award Hon. Mention, *Public Management Research Association*
2017-2019 Marine Resource Economics Fellowship, *NMFS-Sea Grant*
2018 Emerging Scholar Award, *NASPAA*
2018 Doctoral Student Manuscript Award, *Pi Alpha Alpha Honor Society*
2014-2016 IGERT Program on Ocean Change Fellowship, *University of Washington*

CONFERENCE AND INVITED PRESENTATIONS

World Fisheries Congress 2024, Seattle, WA. *Fishery collapse and portfolio diversification in the Gulf of Alaska.*

Camp Resources 2023, Asheville, NC. *Fishery collapse and portfolio diversification in the Gulf of Alaska.*

National Marine Fisheries Service-Sea Grant Annual Fellows Meeting 2019, Honolulu, HI. *Network analysis of Alaska halibut and sablefish quota trading.*

Executive MPA Program Economics Guest Lecture 2019, Seattle, WA *Transaction costs and price dispersion in the halibut quota market.*

Network of Schools of Public Policy, Affairs, and Administration (NASPAA) Annual Conference 2018, Atlanta, GA. *Multiplex network analysis for complex governance systems using surveys and online behavior.*

Association for Budgeting and Financial Management (ABFM) Annual Conference 2018, Denver, CO. *Municipal debt management network formation and borrowing costs.*

International Institute of Fisheries Economics and Trade (IIFET) Biennial Conference 2018, Seattle, WA *Network analysis of Pacific halibut quota trading in Alaska.*

University of Washington Center for Environmental Politics Graduate Workshop 2018, Seattle, WA *Using network analysis to evaluate equity in the Alaska halibut quota market.*

REFeree SERVICES

American Journal of Agricultural Economics, Fish and Fisheries, Fisheries Research, Marine Resource Economics, Policy Studies Journal, Scientific Reports.

TECHNICAL EXPERTISE

Git/GitHub, Python, R, Stan, Stata.

Last updated: July 2, 2025