

# Adam L. Hayes

Evans School of Public Policy and Governance  
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## EDUCATION

- University of Washington, Seattle**  
in progress PH.D. in Public Policy and Management  
*Dissertation Title:* "Decentralized Markets in Policy and Management"  
*Dissertation Committee:* David Layton (Chair), Leigh Anderson, Justin Marlowe, Alan Haynie, Christopher Adolph (GSR)
- 2016 M.S. in Public Policy and Management  
*Concentration:* Economics
- Colorado School of Mines**  
2012 M.S. in Applied Economics
- University of Colorado, Boulder**  
2007 B.A. in Economics, Political Science, and International Affairs

## RESEARCH INTERESTS

Fields: Environmental and Natural Resource Economics, Environmental Governance  
Methods: Network Analysis, Discrete Choice Econometrics, Game Theory, Simulation

## ACADEMIC EXPERIENCE

### RESEARCH

- University of Washington, Seattle**
- 2016- Research assistant, Professor Ann Bostrom  
• Quantitative data analysis for projects related to climate change perception.
- 2017 Research assistant, Evans School Policy Analysis and Research  
• Text analysis for projects related to global health spending and digital credit policies.

### TEACHING

- University of Washington, Seattle**
- SPR 2017 Teaching assistant, Quantitative Analysis II (PUBPOL 528), Instructor: Joshua Merfeld  
WIN 2017 Teaching assistant, Quantitative Analysis I (PUBPOL 527), Instructor: Katya Roshchina  
2015-2016 Tutor, Economics for Policy and Management (PUBPOL 516-517)

## HONORS, GRANTS, AND FELLOWSHIPS

- 2017-2019 National Marine Fisheries Service/Sea Grant Fellowship in Marine Resource Economics  
2018 Network of Schools of Public Policy, Affairs, and Administration Emerging Scholar Award  
2018 Pi Alpha Alpha Doctoral Student Manuscript Award  
2014-2016 National Science Foundation IGERT Program on Ocean Change Traineeship  
2014-2018 University of Washington Evans School Tuition Fellowship

## CURRENT PROJECTS

- Financial Advisor Quality and Selection in the U.S. Municipal Bond Market.  
Estimates of Transaction Costs in the Alaska Halibut Quota Trading Market.  
Network Analysis of Alaska Halibut Quota Migration.  
Governance Network Structure and Policy Outcomes: Evidence from U.S. Fisheries.

## PEER-REVIEWED ARTICLES

### UNDER REVIEW

Katherine M. Crosman, Ann Bostrom, and **Adam L. Hayes**. "Perceptions of what can be done to reduce climate change risks: actions and efficacy."

### PUBLISHED

- in press Ann Bostrom, **Adam L. Hayes**, and Katherine M. Crosman. "Efficacy, Action and Support for Reducing Climate Change Risks." *Risk Analysis*. [DOI]  
2018 **Adam L. Hayes**, Eliza C. Heery, Elizabeth Maroon, Anna K. McLaskey, and Christine C. Stawitz. "The role of scientific expertise in local adaptation to projected sea level rise." *Environmental Science and Policy*, 87: 55-63. [DOI]  
2018 **Adam L. Hayes** and Tyler A. Scott. "Multiplex network analysis for complex governance systems using surveys and online behavior." *Policy Studies Journal*, 46(2): 327-353. [DOI]  
• Pi Alpha Alpha Award for Best Doctoral Student Manuscript

## CONFERENCE PRESENTATIONS (INCLUDING SCHEDULED)

- 2018 "Multiplex Network Analysis for Complex Governance Systems Using Surveys and Online Behavior." Network of Schools of Public Policy, Affairs, and Administration (NASPAA). October 10-13. Atlanta, GA.  
2018 "Municipal Debt Management Network Formation and Borrowing Costs." Association for Budgeting and Financial Management (ABFM). October 4-6. Denver, CO.  
2018 "Network Analysis and Trade Frictions in the Alaska Halibut IFQ Market." International Institute of Fisheries Economics and Trade (IIFET). July 16-20. Seattle, WA.  
2018 "Using Network Analysis to Evaluate Equity in the Alaska Halibut IFQ Market." UW Center for Environmental Politics Duck Family Graduate Workshop. May 16-18. Seattle, WA.

## PROFESSIONAL ACTIVITIES AND SERVICES

### REFeree SERVICES

Policy Studies Journal

### SEMINARS AND WORKSHOPS

Discussant, Center for Environmental Politics Graduate Workshop (2016)

Co-Organizer, IGERT seminar series (2015)

### AFFILIATIONS AND MEMBERSHIPS

Center for Environmental Politics (University of Washington)

Association for Public Policy Analysis and Management (APPAM)

The International Institute of Fisheries Economics and Trade (IFFET)

## TECHNICAL EXPERIENCE

**Statistical Programming:** R, Stan, Stata, EViews, SPSS, GAUSS (beginner)

**Optimization:** AMPL/CPLEX, GAMS

**Other Programming:** Python, L<sup>A</sup>T<sub>E</sub>X, Git (beginner)

## LANGUAGE

English (Native), Spanish (Intermediate)

## PRIOR WORK EXPERIENCE

2008-2014 Data Specialist, Alpine Achievement Systems, Inc. (Englewood, CO)  
• K-12 Education Data, *Supervisor:* Dr. Alisabeth Shearn

## SELECT PH.D. COURSEWORK

**Statistics and Econometrics:** 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, Discrete Choice Econometrics (Independent Study)

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

**Public Policy Sequence:** Institutions, Policy Processes, Policy Analysis

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

Last updated: October 16, 2018