

# MATTHEW N. REIMER

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## EDUCATION

- Ph.D. Agricultural and Resource Economics, 2012, University of California, Davis.  
Co-advisors: James Wilen and Joshua Abbott.
- B.A. Economics (first class honors), University of Calgary.

## APPOINTMENTS

- 2013-Present **Assistant Professor of Economics**, Institute of Social and Economic Research,  
University of Alaska Anchorage.
- 2012 **Pre-Doctoral Researcher**, Center for Environmental Economics and Sustainability  
Policy, Arizona State University.
- 2008-2012 **Research and Teaching Assistant**, Department of Agricultural and Resource  
Economics, University of California Davis.
- 2008 **Research Assistant**, Department of Economics, University of Calgary.

## PUBLICATIONS

### *Peer-Reviewed Publications*

1. **Reimer, M.N.**, Abbott, J.K., Wilen, J.E. (2017) "Fisheries Production: Spatial Choice, Management Institutions, and the Quest for Policy Invariance." *Marine Resource Economics*, 32(2).
2. **Reimer, M.N.** Abbott, J.K., Haynie, A.C. (2017) "Empirical Models of Fisheries Production: Conflating Technology with Incentives?" *Marine Resource Economics*, 32(2).
3. Abbott, J.K., Haynie, A., **Reimer, M.N.** (2015) "Hidden Flexibilities: Institutions, Incentives, and the Margins of Selectivity in Fishing." *Land Economics*, 91(1), 169-195.  
<http://le.uwpress.org/content/91/1/169.short>
4. **Reimer, M.N.**, Abbott J.K., Wilen, J.E. (2014) "Unraveling the Multiple Margins of Rent Generation from Individual Transferable Quotas." *Land Economics*, 90(3), 538-559.  
<http://le.uwpress.org/content/90/3/538.abstract>
5. Sethi, S.A., **Reimer, M.N.**, Knapp, G. (2014) "Alaskan Fishing Community Revenues and the Stabilizing Role of Fishing Portfolios." *Marine Policy*. 48, 134-141.  
<http://www.sciencedirect.com/science/article/pii/S0308597X14000992>

### *Peer-Reviewed Book Chapters*

6. **Reimer, M.N.**, Wilen, J.E. (2013) “Regulated Open Access and Regulated Restricted Access Fisheries.” In J. Shogren (Ed.) *Encyclopedia of Energy, Resource, and Environmental Economics*, 215-223, Elsevier Science.

### *Manuscripts Under Peer Review*

7. **Reimer, M.N.**, Guettabi, M., Tanaka, C. “Impacts of a Severance Tax Change: Evidence from Alaska.” Revise and Resubmit.

### *Working Papers*

8. **Reimer, M.N.**, Dougherty, D., Anderson, C.M., Haynie, A., Hilborn, R., Ianelli, J. “Modeling Fleet Behavior in a Multispecies Fishery with Output Quotas: An Annual Planning Approach.”
9. Addicott, E., Kroetz, K., **Reimer, M.N.**, Sanchirico, J.N., Lew, D.K. “Characterizing the Dynamic Evolution of Fishing Permit Portfolios using Network Analysis.”
10. Bair, L.S., Yackulic, C.B., **Reimer, M.N.**, Springborn, M.R., Bond, C.B. “Bioeconomic Model of Rainbow Trout and Humpback Chub Management in the Grand Canyon.”
11. **Reimer, M.N.**, Haynie, A. “The Economic Impacts of Spatial Closures: Evidence from Stellar Sea Lion Protective Measures in the North Pacific.”
12. Schoen, E., Wipfli, M., Trammel, J., Rinella, D., Floyd, A., Grunblatt J., McCarthy, M., Meyer, B., Prakash, A., **Reimer, M.N.**, Stuefer, S., Toniolo, H., Wells, B., Witmer F. “Climatic and Landscape Changes Facing Pacific Salmon in the Gulf of Alaska Drainage: Insights from the Kenai River Watershed, Alaska.”
13. Abe, K., Anderson, C.M., **Reimer, M.N.** “Dynamic Choice of Target Species: Estimation and Policy Simulation for the Alaskan Pollock Fishery.”
14. MacColl, S., Onyango, P., **Reimer, M.N.**, Stopnitzky, Y. “Unintended Consequences of Enforcement in a Cooperative Institution: Experimental Evidence from Tanzanian Fishers.”
15. Graves, V., Onyango, P., **Reimer, M.N.**, Stopnitzky, Y. “Does Poverty Impede Cognitive Performance? Experimental Evidence from Tanzanian Fishers.”

## **PRESENTATIONS**

### *Conference Presentations*

16. “The Economic Impacts of Spatial Closures: Evidence from Stellar Sea Lion Protective Measures in the North Pacific.” *International Institute of Fisheries Economics and Trade’s 18th Biennial Conference*, Aberdeen, Scotland, July 11-15, 2016.
17. “Unintended Consequences of a Ban on Illegal Fishing Gear: Evidence from a Field Experiment in Tanzania.” *Forum of the North American Association of Fisheries Economists*, Ketchikan, AK, May 23, 2015.

18. "Bycatch Avoidance Under Amendment 80 in the BSAI Non-Pollock Groundfish Trawl Fishery." *Lowell Wakefield Fisheries Symposium*, Anchorage, AK, May 13-16, 2014.
19. "ACES High or Low? The Impact of a Severance Tax Change on Alaskan Oil Activity." *Western Regional Science Association*, San Diego, CA, February 18, 2014.
20. "Institutional Dependence of the Fishery Production Function." *Association of Environmental and Resource Economists Summer Conference*, Banff, AB, June 6-8, 2013.
21. "Institutional Dependence of the Fishery Production Function." *Forum of the North American Association of Fisheries Economists*, St. Petersburg, FL, May 23, 2013.
22. "Technology or Incentives? Bycatch Avoidance in the BSAI Groundfish Fishery." *Forum of the North American Association of Fisheries Economists*, St. Petersburg, FL, May 23, 2013.
23. "Targeting Ability Under Rights-based Management: The Amendment 80 Bering Sea/Aleutian Islands Groundfish Fishery." *Alaska Marine Science Symposium*, Anchorage, AK, January 21-25, 2013.
24. "Is the Fisheries Production Function Institution Dependent? Implications for Targeting Ability in Multispecies Fisheries." *International Institute of Fisheries Economics and Trade's 16<sup>th</sup> Biennial Conference*, Dar es Salaam, Tanzania, July 16-20, 2012.
25. "Unraveling the Multiple Margins of Rent Generation from Individual Transferable Quotas." *International Institute of Fisheries Economics and Trade's 16<sup>th</sup> Biennial Conference*, Dar es Salaam, Tanzania, July 16-20, 2012.
26. "Unraveling the Multiple Margins of Rent Generation from Individual Transferable Quotas." *Association of Environmental and Resource Economists Summer Conference*, Asheville, NC, June 3-5, 2012.
27. "ITQ Effects on Intraseasonal Fishing Behavior: An Investigation of the BSAI Crab Fisheries." *American Fisheries Society 141<sup>st</sup> Annual Meeting*, Seattle, WA, September 4-8, 2011.
28. "The Effects of ITQ Implementation on Intraseasonal Fishing Behavior: An Empirical Investigation of the BSAI Red King Crab Fishery." *Forum of the North American Association of Fisheries Economists*, Honolulu, HI, May 11-13, 2011.

#### *Conference Posters*

29. "Modeling the Complex Regulatory Interactions Across Multiple Groundfish Fisheries of the Bering Sea." *American Fisheries Society*, Portland, OR, August, 2015.
30. "Biological and Economic Implications of Layered Management Measures for Bering Sea Groundfish Fisheries." *1<sup>st</sup> Annual UAA Faculty Research & Creative Activity Symposium*, Anchorage, AK, September 5-8, 2015.
31. "Modeling Biological and Economic Implications of Layered Management Measures for the Bering Sea Groundfish Fisheries." *Alaska Marine Science Symposium*, Anchorage, AK, January 21, 2014.

32. "Technology or Incentives? Bycatch Avoidance and the Multiple Margins of Selectivity in Fishing." *All-Faculty Conference*, College of Business and Public Policy, University of Alaska Anchorage, May 9, 2013.

*Professional or Academic Presentations*

33. "Rural Livelihoods and Institutional Reform: Small-scale Fisheries in Tanzania." Invited Speaker, *Understanding Artisanal Fisheries Workshop*, Global Economic Dynamics and the Biosphere Program, Stockholm, Sweden, September 16, 2016.
34. "EPSCoR IV: Economic Component of the Kenai Case Study." Invited Speaker, *EPSCoR Southcentral Test Case Annual Workshop*, Kenai, AK, May 3, 2016.
35. "Final Report: Modeling Biological and Economic Implications of Layered Management Measures for Bering Sea Groundfish Fisheries." Presented to the Board of the *Pollock Conservation Cooperative Research Center*, Anchorage, AK, January 29, 2016.
36. "Wildlife and Alaskans: Life amongst Complex Relations." UAA Bookstore Event, Anchorage, AK, February 10, 2015.
37. "Annual Report: Modeling Biological and Economic Implications of Layered Management Measures for Bering Sea Groundfish Fisheries, 2014." Presented to the Board of the *Pollock Conservation Cooperative Research Center*, Anchorage, AK, January 23, 2015.
38. "Multiple Margins of Fishing Behavior: Implications for Predicting the Effects of a Policy Change." *School of Fisheries and Ocean Sciences*, University of Alaska Fairbanks, May 2, 2014.<sup>[1]</sup>
39. "Multiple Margins of Fishing Behavior: Implications for Predicting the Effects of a Policy Change." *College of Business and Public Policy Seminar Series*, University of Alaska Anchorage, March 28, 2014.
40. "Multiple Margins of Fishing Behavior: Implications for Predicting the Effects of a Policy Change." *School of Aquatic and Fishery Science Seminar Series*, University of Washington, March 6, 2014.
41. "Annual Report: Modeling Biological and Economic Implications of Layered Management Measures for Bering Sea Groundfish Fisheries, 2013." Presented to the Board of the *Pollock Conservation Cooperative Research Center*, Anchorage, AK, January 23, 2014.
42. "What's the Fishery Production Function? Implications for Fishery Policy Evaluation." *Environmental & Resource Economics Workshop*, Department of Agricultural and Resource Economics, University of California Davis, November 2, 2012.
43. "Multiple Margins of Rent Generation in the Alaskan Red King Crab Fishery." *ENRECON Seminar*, Arizona State University, Department of Economics, November 18, 2011.
44. "Multiple Margins of Rent Generation in the Alaskan Red King Crab Fishery." University of Calgary, Department of Economics, November 9, 2011.
45. "Multiple Margins of Rent Generation in the Alaskan Red King Crab Fishery." *Lessons Learned in Rights-based Fisheries Management Workshop*, Property and the Environment Research Center, Bozeman, MT, July 26-29, 2011.

## RESEARCH FUNDING

### *Competitive Grants and Contracts (\$1,044,449)*

46. “Changing the Paradigm of Halibut Management in Alaska.” *NOAA Saltonstall-Kennedy Grant Program*. PI: Courtney Carothers (University of Alaska Fairbanks), Co-PI: **Matthew Reimer**. \$296,984. 2016- 2018.
47. “Reducing the Prohibited Species Catch of Pacific Halibut: A Prospective Analysis of Fleet Behavior in the North Pacific Groundfish Fisheries.” *North Pacific Research Board*. PI: **Matthew Reimer**, Co-PIs: Joshua Abbott (Arizona State University), Alan Haynie (NOAA Alaska Fisheries Science Center), \$236,685. 2016- 2018.
48. “Rural Livelihoods and Institutional Reform in Small-Scale Fisheries in Tanzania.” *BASIS Assets and Market Access Collaborative Research Support Program*. PI: Yaniv Stopnitzky (University of San Francisco), Co-PIs: **Matthew Reimer**, Paul Onyango (University of Dar es Salaam. \$110,000. 2014-2015.
49. “Modeling Biological and Economic Implications of Layered Management Measures for Bering Sea Groundfish Fisheries.” *Pollock Conservation Cooperative Research Center*. PI: Gunnar Knapp (University of Alaska Anchorage). Co-PIs: **Matthew Reimer**, Chris Anderson (University of Washington), Ray Hilborn (University of Washington), \$400,000, 2013-2015.

### *Non-Competitive Grants and Contracts (\$435,615)*

50. “Simulating Spatial and Temporal Uncertainty in FishSET.” *Pacific States Marine Fisheries Commission*. PI: **Matthew Reimer**, \$51,290. 2016.
51. “EPSCoR IV: Southcentral Test Case Economic Component.” *University of Alaska Fairbanks EPSCoR*. PI: **Matthew Reimer**. Co-PI: Lance Howe (University of Alaska Anchorage). \$272,388. 2015-2017.
52. “Applied Decision Methods for the Glen Canyon Adaptive Management Program.” *Southwest Biological Science Center of the U.S. Geological Survey*. PI: **Matthew Reimer**. \$43,500. 2015- 2017.
53. “Assessing the Economic Impacts of 2011 Stellar Sea Lion (SSL) Protective Measures in the Aleutian Islands.” *Pacific States Marine Fisheries Commission*. PI: **Matthew Reimer**, \$56,700. 2014-2015.
54. “Alaskan Cod Market Analysis.” *Bristol Bay Economic Development Corporation*. PI: **Matthew Reimer**. Co-PI: Gunnar Knapp (University of Alaska Anchorage). \$12,000. 2013.

### *Non-competitive Research Funds (\$195,930)*

55. “Bristol Bay Research Collaborative.” Funded by: Bristol Bay Processors through the ISER Bristol Bay Research Fund. Collaborators: **Matthew Reimer**, Gunnar Knapp (UAA), Ray Hilborn (UW), Daniel Schindler (UW), \$195,930

## TECHNICAL REPORTS

56. **Reimer, M.N.**, Howe, L., Guettabi, M., Schwörer, T. (2016) “EPSCoR IV: Economic Component of the Kenai Case Study.” Prepared for the *EPSCoR Southcentral Test Case*.

57. **Reimer, M.N.**, Dougherty, D., Anderson, C., Hilborn, R. (2015) “Final Report: Modeling Biological and Economic Implications of Layered Management Measures for Bering Sea Groundfish Fisheries.” Prepared for the *Pollock Conservation Cooperative Research Center*.
58. **Reimer, M.N.**, Stopnitzky, Y. (2015) “Final Report: Rural Livelihoods and Institutional Reform in Small-scale Fisheries in Tanzania.” Prepared for *BASIS Assets and Market Access Collaborative Research Support Program*.
59. **Reimer, M.N.**, Tanaka, C. (2013) “Alaskan Cod Market Analysis.” Prepared for the *Bristol Bay Economic Development Corporation*.

## TEACHING

### *Courses*

#### *University of Alaska Anchorage*

- Spring 2016    *Methods for Public Policy Evaluation*, Econ A390, 3 credits, Elective, Upper Division.
- Fall 2015      *Natural Resource Economics*, Econ A435, 3 credits, Elective, Upper Division.
- Spring 2015    *Methods for Public Policy Evaluation*, Econ A390, 3 credits, Elective, Upper Division.
- Fall 2014      *Natural Resource Economics*, Econ A435, 3 credits, Elective, Upper Division.
- Spring 2014    *Principles of Microeconomics*, Econ A202, 3 credits, Requisite, Lower Division.
- Fall 2014      *Industrial Organization and Public Policy*, Econ A459, 3 credits, Elective, Upper Division.

#### *University of California Davis*

- Spring 2011    *Econometric Methods*, Teaching Assistant, Econ 240B, Ph.D. core course.
- Spring 2010    *Econometric Methods*, Teaching Assistant, Econ 240B, Ph.D. core course.

### *Guest Lectures*

#### *University of Washington*

- Summer 2015    *Management of Pacific Salmon*, FISH 497, July2-4, Guest Lecturer.

## SERVICE

### *University Service*

#### *Undergraduate Mentorship*

- 2015            **Faculty Sponsor** for undergraduate Economics major, Andrew Steinkrueger, ISER’s 2015 Public Policy Internship.

*Institute, College, and University Committees*

- 2016            **Search Committee (Member)**, for ISER Director position.
- 2015-2016    **Scholarship/Tuition Assistance Committee (Member)**
- 2015-2016    **Search Committee (Chair)**, for two tenure-track Economics faculty position at ISER.
- 2015-2016    **ISER Visioning Committee (Member)**, strategic planning for ISER.
- 2013-2014    **CBPP Seminar Committee (Member)**
- 2013           **Search Committee (Chair)**, for five Research Professional positions at ISER.

*Professional Service*

*Journal Article Peer Review (14)*

- 2013-2016    Environmental and Resource Economics (1), Ecological Applications (1), Fisheries Research (1), Journal of the Association of Environmental and Resource Economists (1), Journal of Environmental Economics and Management (3), Land Economics (1), Marine Policy (1), Marine Resource Economics (4), Resource and Energy Economics (1).

*Other Peer Review*

- 2015           **Abstract Peer Reviewer**, Forum of the North American Association of Fisheries Economists.
- 2013           **Peer Reviewer**, Washington Sea Grant, Research Proposal.

*Conference Organization*

- 2015           **Steering Committee Member** for 2015 Alaska Sea Grant International Wakefield Fisheries. Symposium: "Data-Limited Fisheries"

*Memberships*

- 2015-Present    Member, American Economic Association.
- 2011-Present    Member, North American Association of Fisheries Economists
- 2011-Present    Member, International Institute of Fisheries Economics and Trade
- 2011-Present    Member, Association of Environmental and Resource Economists

*Public Service*

- 2013-Present **Member of the Science and Statistical Committee**, North Pacific Fisheries Management Council.
- 2016 **Panel Member**, Human Dimensions Workshop, Alaska Fisheries Science Center, NOAA
- 2015 **Panel Member**, Bristol Bay Salmon Symposium, University of Washington.
- 2014-2015 **Advisory Panel Member**, Bristol Bay Science & Research Institute.
- 2013 **Panel Member**, Investment Inquiry, Institute of the North.