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## CURRICULUM VITAE

**NAME:** James R. Hilger

**ORGANIZATION:** Department of Commerce  
National Oceanic & Atmospheric Administration  
National Marine Fisheries Service  
Southwest Fisheries Science Center  
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**PRESENT POSITION:** Economist

### EDUCATION:

Ph.D. Agricultural and Resource Economics, University of California, Berkeley. 2006.  
M.S. Resource and Applied Economics, University of Nevada, Reno. 1998.  
B.A. Economics, Reed College. 1995.

### EXPERIENCE:

2/2009 - Present.

Economist  
NOAA National Marine Fisheries Service (NMFS)  
Southwest Fisheries Science Center (SWFSC)  
La Jolla, CA

4/2011 - Present

Assistant Adjunct Professor  
University of California, San Diego, Dept. of Economics.  
La Jolla, CA

9/2006 - 1/2009

Economist  
Federal Trade Commission, Bureau of Economics  
Washington, DC.

6/2006 - 8/2006

Economist  
University of California, Berkeley, Dept. of Agricultural and Resource Economics  
Berkeley, CA

8/2000 - 7/2001, 8/2002 - 5/2006

Graduate Research Assistant

University of California, Berkeley, Dept. of Agricultural and Resource Economics.

1/1999 - 5/2000

Research Analyst

University of Nevada, Reno, Center for Economic Development  
Reno, NV

4/1999 - 7/1999

Research Analyst

Sierra Business Council  
Truckee, CA.

1/1997 - 8/1998

Research Assistant

University of Nevada, Reno, Dept. of Applied Economics and Statistics.  
Reno, NV

5/1995 - 7/1995

Research Economist

Winterowd Planning  
Portland, OR.

#### **RESEARCH INTERESTS:**

Expertise in designing, implementing, and reporting scientific research:

Commercial and Recreational Fisheries: Regulatory Analysis, Economic Impact,  
Production Efficiency, Consumer Behavior;

Empirical Methods: Survey Design, Cross Sectional and Panel Data Econometrics

Environmental and Resource Economics: Climate Change, Ecosystem Services;

Consumer Protection: Product Labeling, Truth-in-Advertising;

Public Health: Water Quality.

#### **HONORS AND AWARDS:**

Visiting Scholar, Groupe de Recherche en Economie Mathematique et Quantitative. Toulouse  
School of Economics, Toulouse, France. July, 2010; August 2011.

#### **PEER REVIEWED JOURNAL ARTICLES:**

Kuriyama, K., Hilger, J., Hanemann, W.M., A Random parameter model with onsite sampling  
for recreation site choice: An application to Southern California shore based sportfishing.  
Environmental and Resource Economics 12/2013; 56(4). DOI:10.1007/s10640-013-9640-4.

Hilger, J., J. G. Rafert, and S. Villas-Boas. "Expert Opinion and the Demand for Experience  
Goods: An Experimental Approach in the Retail Wine Market." The Review of Economics and  
Statistics, November 2011, Vol. 93, No. 4, Pages 1289-1296

Kuriyama K., W. Michael Hanemann, James R. Hilger, A latent segmentation approach to a  
Kuhn-Tucker model: An application to recreation demand, Journal of Environmental Economics  
and Management, Volume 60, Issue 3, November 2010, Pages 209-220.

DOI:10.1016/j.jeem.2010.05.005

Hilger, J., and J. Englin. "Utility Theoretic Semi-logarithmic Incomplete Demand Systems in a Natural Experiment: Forest Fire Impacts on Recreational Values and Use." *Resource and Energy Economics*, Volume 31, Issue 4, 11/2009, Pages 287-298.

**JOURNAL ARTICLES UNDER REVIEW:**

Hilger, J. Regulatory Impacts on Exit from the California Drift Gillnet Swordfish Fishery: A Treatment-Control Duration Model Based Approach. Under Review. 5/2016.

Hilger, J., E. Holstein, A. Stevens, and S. Villas-Boas. Measuring Willingness to Pay for Environmental Attributes in Seafood. Under Review. 1/2016.

Hilger, J., S. Lovell. Charter Fishing in California: Results from a 2013 Survey of the Industry. 3/2016

Steiner, C., and J. Hilger. Hitting Capacity: Implications for the Valuation of Outdoor Recreation. 1/2016

**WORKING PAPERS:**

Hilger, J. Regulatory Impacts to Landings of the California Drift Gill Net Swordfish Fishery: A Treatment-Control Time-Trend Model. Working Paper. 5/2016.

Hilger, and K. Roll. The Impact of Regulation on Fishery Productivity: A Difference-in-Differences in Productivity Application. In preparation. 6/2016.

Hilger, J., E. Janofsky. "What drives demand for outdoor recreation? A historical analysis of fishing off of Southern California." 7/2015.

Bonnet, C., Hilger, J., Villas-Boas, S. Assessing Consumer Valuations of Product Quality in the Form of Expert Opinions. 2/2012.

Hilger, J., and W. M. Hanemann. "The Impact of Water Quality on Southern California Beach Recreation: A Finite Mixture Model Approach." University of California at Berkeley, Dept. Agricultural and Resource Economics Working Paper, 3/2008.

**REPORTS:**

Ren, F., C. Villafana, R. Mahler, J. Miller, and J. Hilger. 2016. "Sample Frame Pilot Study for US based CPFV trips to Non-US waters." U.S. Dep. Commerce, NOAA Tech. Memo. In Preparation, 2016.

Hilger, J. 2015. "California Commercial Passenger Fishing Vessel Industry Cost and Earning Survey: Methodology and Results." U.S. Dep. Commerce, NOAA Tech. Memo. In Preparation, 2015.

Lovell, S., J. Hilger, S. Steinbeck, and C. Hutt. "The Economic Contribution of Marine Angler Expenditures on Durable Goods in the United States, 2014." U.S. Dep. Commerce, NOAA Tech. Memo. In Press, 2016.

Lovell, S., J. Hilger, and S. Steinbeck. "Marine Angler Expenditures on Durable Fishing Goods in the United States, 2014. Preliminary Analysis." NOAA Fisheries Office of Science and Technology. March 2015.

Lovell, S., S. Steinbeck, and J. Hilger. "The Economic Contribution of Marine Angler Expenditures in the United States, 2011." U.S. Dep. Commerce, NOAA Tech. Memo. NMFS-F/SPO-134, 188 p., 2013.

Hanemann, W. M., L. Pendleton, C. Mohn, D. Layton, K. Kuriyama, and J. Hilger. "Southern California Beach Valuation Project." Coastal and Ocean Resource Economics Program, National Oceanic and Atmospheric Administration. 2005.

Loomis, J., J. Englin, J. McDonald, J. Hilger, and A. Gonzalez-Caban. "Effects of Fire on the Economic Value of Forest Recreation in the Tree Intermountain States with Tests of Demand and Benefit Transferability." Report to USDA Forest Service, Pacific Southwest Station, Fire Lab. 11/1999.

Englin, J., N. Netusil, J. Hilger, J. McDonald, N. Wieseke, and J. Hall. "Non-Market Values Associated with the Stillwater National Wildlife Refuge." Prepared for United States Department of the Interior, Truckee-Carson Coordination Office. 2/1998.

Vossler, C., W. D. Shaw, J. Hilger, M. Peterson, and G. Mitchell. "The Economic and Recreational Importance of Rock Climbing and Recreation at the Red Rock Canyon Nation Conservation Area." Nevada Extension

Englin, J., J. Hilger, J. Hall, J. Lutz, and A. Ussif. "An Economic Analysis of the Application of Advanced Siting Methods to Water Well Drilling In Ghana: Technical Appendix." Department of Resource Economics. University of Nevada, Reno. Prepared for the Conrad Hilton Foundation. 1997.

Hilger, J. "Appendix E: Open Space Economic Analysis." Economic, Social, Environmental and Energy (ESEE) Analysis of Inventoried Streams, Wetlands, and Tree Groves. City of Lake Oswego, Oregon. 8/1995.

#### **ACADEMIC INSTRUCTION:**

~ Professor. Introduction to Non-market Valuation (Econ 198). Economics, UCSD. 2014, 2015, 2016

~ Professor. Issues: Social Science (ENV 130). Environmental Studies, UCSD. 2011, 2012

~ Graduate Student Instructor. Water Economics (EEP 162). Department of Agricultural and Resource Economics, University of California, Berkeley. Spring, 2004.

~ Guest Lecturer. Cost Benefit Analysis (IRPS 457). School of Global Policy and Strategy (IR/PS), UCSD. 2009, 2010, 2013.

~Instructor. Resource and Environmental Economics (APEC 202). Department of Resource and Applied Economics, University of Nevada, Reno. Fall, 1998.

#### **GRADUATE ADVISING:**

~ Ph.D. Committee: Christopher Steiner (2015). Economics, UCSD.

- ~ M.S. Committee: Helen Meigs, on, Scripps Institution, UCSD. Expected 2016.
- ~ NOAA Internship: Fei Ren, M.S. IR/PS, UCSD 2015-2016.
- ~ M.S. Committee: Julianna Mullen, Attitudes and Behaviors Towards Shark Conservation in the Republic of Palau. 2010. Marine Biodiversity and Conservation, Scripps Institution, UCSD.
- ~ M.S. Committee: Chris Knight, A Proposal on the California MLPA Process: What's Really Happening? 6/2009. Marine Biodiversity and Conservation, Scripps Institution, UCSD.

#### **UNDERGRADUATE ADVISING**

- ~ Yasmin Lee, UCSD Economics Department, NOAA Internship 2015.
- ~ Mohammad ElBibany, UCSD Economics Department, 2012.

#### **REFEREE:**

Agricultural Economics - Conservation Biology - Environmental and Resource Economics - Federal Trade Commission Bureau of Economics Working Paper Series - Fishery Bulletin - Journal of Environmental Economics and Management - Journal of Environmental and Resource Economics - Journal of Leisure Research - Land Economics - Marine Resource Economics - Review of Agricultural Economics - Review of Industrial Organization - Transportation Research Part A: Policy and Practice.