

Jonathan R. Sweeney

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PROFESSIONAL EXPERIENCE 2018-Present Postdoctoral Scholar, University of California Santa Cruz

EDUCATION 2018 Ph.D. in Economics, University of Hawai'i at Mānoa
2015 M.A. in Economics, University of Hawai'i at Mānoa
2008 B.A. in Biology, Reed College

PUBLICATIONS **Sweeney J.R.**, Howitt R.E., Chan H., Pan M., and P.S. Leung. 2017. How do fishery policies affect Hawaii's longline fishing industry? Calibrating a positive mathematical programming model. *Natural Resource Modeling* 30(2):e12127.

Oberle B., Ogle K., Penagos Zuluaga J.C., **Sweeney J.R.**, and A.E. Zanne. 2016. A Bayesian model for xylem vessel length accommodates subsampling and reveals skewed distributions in species that dominate seasonal habitats. *Journal of Plant Hydraulics* 3(e003).

Hanan D., Hanan Z., and **J.R. Sweeney**. 2014. California Commercial Passenger Fishing Vessel (CPFV) Cost-Earnings Survey for 2012. Final Report submitted to Dr. James Hilger (NOAA-SWFSC).

Hilger J., and **J.R. Sweeney**. 2013. 2010 California Marine Recreational Fishing Effort and Economic Impact and Expenditure Estimates. *NOAA Fact sheet*.

Hilger J., and **J.R. Sweeney**. 2012. 2009 California Marine Recreational Fishing Effort and Economic Impact and Expenditure Estimates. *NOAA Fact sheet*.

Revell L. J., Mahler D. L., **Sweeney J. R.**, Sobotka M., Fancher V. E. and J.B. Losos. 2010. Nonlinear selection and the evolution of variances and covariances for continuous characters in an anole. *Journal of Evolutionary Biology* 23(2):407–421.

WORKING PAPERS **Sweeney J.R.** 2017. Balancing goods and bads: A Bayesian analysis of fishery regulatory decisions.

Sweeney J.R., Howitt R.E., Chan H., Pan M., and P.S. Leung. 2017. How will expanding Papahānaumokuākea Marine National Monument impact local fishing communities in Hawaii? An application of positive mathematical programming.

Sweeney J.R. and T. Halliday. 2017. Estimating a dynamic structural model of fisher's labor supply.

RESEARCH EXPERIENCE 2014-Present Graduate Research Assistant to Dr. PingSun Leung, University of Hawai'i at Mānoa
2014-Present Economics Research Assistant, NOAA Pacific Islands Fisheries Science Center
2014 Graduate Research Assistant to Dr. John Lynham, University of Hawai'i at Mānoa
2012-2013 Economics Contractor, NOAA Southwest Fisheries Science Center
2009-2010 Graduate Research Assistant to Dr. Amy Zanne, University of Missouri-St. Louis
2008-2009 Field Station Manager to Dr. Andrew Marshall, Gunung Palung National Park, Indonesia

TEACHING EXPERIENCE	2017	Lecturer for Sustainable Development (ECON 350), University of Hawai'i at Mānoa		
	2013	Teaching Assistant for Principles of Microeconomics with Dr. John Lynham, University of Hawai'i at Mānoa		
GRANTS AND AWARDS	2017	Department of Economics Travel Award, University of Hawai'i at Mānoa		
	2016	College of Social Sciences Travel Funds for Professional Improvement, University of Hawai'i at Mānoa		
	2016	Department of Economics Travel Award. University of Hawai'i at Mānoa		
	2010	Whitney R Harris Graduate Research Fellowship, University of Missouri-St. Louis		
	2009	Graduate Recruitment Fellowship, University of Missouri-St. Louis		
	2008	Mellon Foundation Opportunity Grant, Reed College		
2008	Arch and Fran Diack Field Research Grant, Reed College			
RESEARCH TALKS	Bergen Economics of Energy and Environment Research Conference , Bergen Norway. 2017. <i>Multi-output production efficiency with rare undesirable outputs</i>			
	International Institute of Fisheries Economics and Trade , Aberdeen UK. 2016. <i>How to measure economic impacts with multiple interacting policies?</i>			
	ESD Brown Bag Seminar Series , Honolulu USA. 2016. <i>Estimating Supply and Demand Elasticity for Fish: An Evaluation of Welfare Effects from Price Stabilization</i>			
	Western Regional Science Association , Kona USA. 2016. <i>How do fishery policies affect Hawaii's longline fishery?</i>			
	ESD Brown Bag Seminar Series , Honolulu USA. 2016. <i>How do fishery policies affect Hawaii's longline fishery? Calibrating a positive mathematical programming model</i>			
COMPUTER SKILLS	R	Stata	MySQL	GAMS
	Python	L ^A T _E X	MATLAB	HTML
LANGUAGES	English		Indonesian	French
	(Native Speaker)		(Fluent Communicator)	(Basic)