



Oregon State
University

Department of Applied Economics

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RE: Self-nomination for the OPAC Science and Technical Advisory Committee

Dear Members of the OPAC STAC:

I am writing to nominate myself for membership in the Ocean Policy Advisory Council Science and Technical Advisory Committee. Currently I am an associate professor in the Department of Applied Economics at Oregon State University. Drawing on my background in natural resource economics, my goal as a STAC member would be to provide useful economic assessments of issues facing OPAC.

My credentials in natural resource economics include a PhD in Agricultural & Resource Economics from the University of California, Davis. Since joining the faculty of Oregon State University, I have led or worked on multiple projects focused on natural resource management topics in Oregon. These include studies of public preferences for conserving Oregon Coast Coho salmon and native coastal dune landscapes. More recently, I have been lead PI of a grant-funded project investigating economic outcomes associated with Dungeness crab evisceration orders. I am also advising a PhD student and NMFS-Sea Grant Marine Resource Economics fellow on an analysis of fishery-windfarm interactions. Through several of these projects, I have gained experience writing technical memoranda and communicating research results to stakeholders.

I am interested in serving on the OPAC STAC because I expect it will provide an opportunity to summarize and report relevant economic research to people directly involved in the natural resource policy process. I am also hoping that the issues that the STAC is asked to analyze for OPAC will help me stay current on resource management trends in the Pacific Northwest, and perhaps also generate interesting case studies for my undergraduate teaching.

Please feel free to contact me if you have questions about my application, or require additional information about my background and expertise.

Sincerely,

David M. Kling
Associate Professor

Enclosure: Short CV

DAVID M. KLING

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EMPLOYMENT

Department of Applied Economics, Oregon State University
Associate Professor
Assistant Professor

Sept. 2020 – present
Sept. 2013 – Sept. 2020

EDUCATION

Ph.D., Agricultural and Resource Economics, University of California at Davis Sept. 2013

RESEARCH

Selected Peer-Reviewed Publications

Sims, Charles, Paul R. Armsworth, Julie Blackwood, Ben Fitzpatrick, **David M. Kling**, Suzanne Lenhart, Michael Neubert, Monica Papeş, James Sanchirico, Katriona Shea, and Michael Springborn. 2023. "Leveraging federalism for flexible and robust management of social-ecological systems." *People and Nature* 5(2): 446-454.

Nguyen, Tu, **David M. Kling**, Steven J. Dundas, Sally D. Hacker, Daniel K. Lew, Peter Ruggiero, and Katherine Roy. 2023. "Quality over quantity: Nonmarket values of restoring coastal dunes in the US Pacific Northwest." *Land Economics* 99(1): 63-79.

Lewis, David J., **David M. Kling**, Steven J. Dundas, and Daniel K. Lew. 2022. "Estimating the value of threatened species abundance dynamics." *Journal of Environmental Economics and Management* 113: 102639.

Lewis, David J., Steven J. Dundas, **David M. Kling**, Daniel K. Lew, and Sally D. Hacker. 2019. "The non-market benefits of early and partial gains in managing threatened salmon." *PloS One* 14(8): e0220260.

LaRiviere, Jacob, **David M. Kling**, James N. Sanchirico, Charles Sims, and Michael Springborn. 2018. "The treatment of uncertainty and learning in the economics of natural resource and environmental management." *Review of Environmental Economics and Policy* 12(1): 92-112.

Kling, David M., James N. Sanchirico, and Paul L. Fackler. 2017. "Optimal monitoring and control under state uncertainty: application to lionfish management." *Journal of Environmental Economics and Management* 84: 223-245.

Kling, David M., James N. Sanchirico, and James E. Wilen. 2016. "Bioeconomics of managed relocation." *Journal of the Association of Environmental and Resource Economists* 3(4): 1023-1059.

Sanchirico, James N., Daniel K. Lew, Alan C. Haynie, **David M. Kling**, and David F. Layton. 2013. "Conservation values in marine ecosystem-based management." *Marine Policy* 38: 523-530.

SELECTED PRESENTATIONS

"Economics of mitigation strategies for harmful algal blooms in the U.S. West Coast Dungeness crab fishery", 12th U.S. Symposium on Harmful Algae, Portland, Maine. October 31, 2024.

"Estimating the value of threatened species abundance dynamics", Association of Environmental and Resource Economists (AERE) Summer Meeting, Incline Village, NV. May 30, 2019.

"Spatial economics of citizen science", Applications and Potential of Ecosystem Services Valuation within USDA – Advancing the Science, Washington, DC. April 23, 2019.

"Learning and measurement in optimal fishery management", International Institute of Fisheries Economics & Trade (IIFET), Seattle, WA. July 17, 2018. (Invited talk)

GRANTS

Lean PI: PARTNERSHIP: A Generalized Forest Natural Capital Valuation Model: Improving Scope, Realism, and Uncertainty Quantification. Funder: USDA Forest Service. Total award amount: \$799,590 (OSU portion: \$557,566). Ending date: 8/31/27.

Lead PI: NOAA FY 2020 National Competitive Harmful Algal Blooms Programs HAB Socioeconomics Notice of Funding Opportunity (award NA20NOS4780190). Funder: NOAA NCCOS. Total award amount: \$1,173,193 (OSU portion: \$538,486). Ending date: 8/31/25.

TEACHING

Advanced Natural Resource Economics (Ph.D.), Natural Resource Economics and Policy (undergraduate), Introduction to Coastal and Marine Resource Economics (undergraduate)

SERVICE

Referee, *Journal of Environmental Economics and Management*, *Journal of the Association of Environmental and Resource Economists*, *Environmental and Resource Economics*, *American Journal of Agricultural Economics*, *Conservation Biology*

Oregon State University: AEC Graduate Program Head (2022 – present), AEC Graduate Program
Job Market Preparation Group

AWARDS

NMFS-Sea Grant Fellowship in Marine Resource Economics 2011-2013

North American Association of Fisheries Economists Best Student Paper Award 2013