

Daniel S. Holland
Northwest Fishery Science Center
2725 Montlake Blvd. E., Seattle, WA 98112
Phone: (206) 302-1752 , dan.holland@noaa.gov

Education

University of Utah	Economics	B.A.	1988
University of Illinois	Agricultural Economics	M.S.	1993
University of Rhode Island	Resource Economics	Ph.D.	1998

Professional History

2017-present	Senior Scientists, Supervisory Economist (ZP-V): Northwest Fishery Science Center (NWFSC), Seattle, Supervisor: Mike Ford
2013-present	Affiliate Professor, University of Washington, School of Aquatic & Fishery Sciences.
2014-2017	Supervisory Economist (ZP-IV): Northwest Fishery Science Center (NWFSC), Seattle, Supervisor: Jameal Samhouri
2010-2014:	Economist (ZP-IV): Northwest Fishery Science Center (NWFSC), Seattle, WA Supervisor: Mark Plummer
2005-2010	Research Scientist: Gulf of Maine Research Institute (GMRI), Portland, ME Supervisor: John Annala
2003-2005	Senior Economist: New Zealand Seafood Industry Council (SeaFIC), Wellington, New Zealand, Supervisor: Kevin Stokes
2000-2002	Assistant Professor: School for Marine Science and Technology (SMAST), University of Massachusetts Dartmouth, New Bedford, MA., Supervisor: Brian Rothschild
1998-2000:	Industry Economist: Alaska Fisheries Science Center (AFSC), Seattle, WA. Supervisor: Joe Terry

Professional Recognition and Service

Vice Chair, Pacific Fishery Management Council Science and Statistical Committee (current)

President, International Institute for Fisheries Economics and Trade (IIFET) 2014-2016

Board Member, North American Association of Fishery Economists (NAAFE) 2009-2013

Marine Resource Economics Foundation: Vice President 2015-present, Board 2013-2015

Associate Editor, *Marine Resource Economics*, 2003-present

National Research Council Committee on the Development of an Integrated Science Strategy of Ocean Acidification Monitoring, Research and Impacts Assessment 2010.

Publication of Enduring Significance Award - *Marine Resource Economics* 2016 for 1996 article “Marine Reserves for Fisheries Management.” *Marine Resource Economics* 11(3):157-171

Honorable Mention: Outstanding Article Award - *Marine Resource Economics* 2013. Holland, D.S. 2013. Making Cents Out of Barter Data from the British Columbia Groundfish ITQ Market. *Marine Resource Economics* 28(4):311-330.

Post-Doctorates Supervised

Ridouan Bani, University of Washington, SAFS 2020-Present

Kiva Oken, University of Washington, SAFS 2018-2019

Kate Richerson, University of Washington, SAFS 2015-2017

Pamela Woods, Nordic Centre for Research on Marine Ecosystems and Resources under Climate Change (NorMER). 2011-2013

Sigrid Lehuta, Gulf of Maine Research Institute. 2010-2011

5 Publications Most Relevant to Proposal

Holland, D.S. and K.E. Schnier 2006. Individual Habitat Quotas for Fisheries. *Journal of Environmental Economics and Management*. 51:72-92.

Holland, D.S. and K.E. Schnier 2006. Protecting Marine Biodiversity: A Comparison of Individual Habitat Quotas (IHQs) and Marine Protected Areas. *Canadian Journal of Fisheries and Aquatic Sciences*. 63(7):1481-1495.

Bellanger, M., R. Fonner, D.S. Holland, G. Libecap, D. Lipton, P. Scemama, C. Speir and O. Thebaud. Cross-sectoral Externalities Related to Natural Resources and Ecosystem Services. Forthcoming in *Ecological Economics*.

Bellanger, M., Speir, C., Blanchard, F., Brooks, K., Butler, J.R., Crosson, S., Fonner, R., Gourguet, S., Holland, D.S., Kuikka, S. and Le Gallic, B., 2020. Addressing Marine and Coastal Governance Conflicts at the Interface of Multiple Sectors and Jurisdictions. *Frontiers in Marine Science*, 7, p.743.

Richerson, K., J. Leonard, D.S. Holland 2018. Predicting the economic impacts of the 2017 West Coast salmon troll ocean fishery closure. *Marine Policy* 95:142-152

5 Additional Publications

Holland, D.S. 2018. Collective Rights–Based Fishery Management A Path to Ecosystem-Based Fishery Management. *Annual Review of Resource Economics* 10:469-85.

Holland, D.S., J. Agar, S. Crosson, G. DePiper, S. Kasperski, D. Kitts, L. Perruso, and C. Speir 2017. The Impact of Catch Shares on Diversification of Fishers' Income and Risk. *Proceedings of the National Academy of Sciences*. 114 (35) 9302-9307

Holland, D.S. 2000. A bioeconomic model of marine sanctuaries on Georges Bank. *Canadian Journal of Fisheries and Aquatic Sciences* 57:1307-1319

Holland, D.S. and J.G. Sutinen. 2000. Location Choice in New England Trawl Fisheries: Old Habits Die Hard. *Land Economics* 76(1):133-149. 47

Kasperski, S. and D.S. Holland 2013. Income Diversification and Risk for Fishermen. *Proceedings of the National Academy of Science*. 100(6):2076-2081. doi: 10.1073/pnas.1212278110.