

Publications



Eldred Rock Lighthouse, Alaska

(photo credit: Alaska ShoreZone Program NOAA/NMFS/AKFSC; Courtesy of Mandy Lindeberg)

Selected publications by NOAA Fisheries Economics and Social Sciences Program staff are grouped by geographic region of focus and then organized under the following categories:

Climate Change Research
Coastal & Marine Recreation Research
Commercial Fisheries Economics Research
Spatial Analysis & Marine Protected Areas Research
Ocean Policy & Management Research
Other Marine Environmental Research

Recreational Fisheries Economics Research
Habitat Economics Research
Seafood Marketing & Trade Research
Sociocultural Research
U.S. Territories & International Fisheries Research
Protected Resources Economics Research

United States

UNITED STATES | Climate Change Research

Himes-Cornell, A. and M. Orbach. 2013. Impacts of Climate Change on Human uses of the Ocean. Oceans and Marine Resources in a Changing Climate: Technical Input to the 2013 National Climate Assessment, **Griffis, R.** and **J. Howard** (eds.). Washington, D.C.: Island Press, pp. 64-118.

Himes-Cornell, A., S. Allen, G. Auad, M. Boatman, **P. Clay, M. Dalton, S. Herrick,** D. Kotowicz, **P. Little,** C. Lopez, P. Loring, **P. Niemeier, K. Norman, L. Pfeiffer, M. Plummer, M. Rust,** M. Singer, and **C. Speirs.** 2013. Impacts of Climate Change on Human uses of the Ocean and Ocean Services. Section 4, Oceans and Marine Resources in a Changing Climate: Technical Input to the 2013 National Climate Assessment. U.S. Global Change Research Program: Washington D.C. pp 73-137.

Howard, J., E. Babij, **R. Griffis,** B. Helmuth, **A. Himes-Cornell, P. Niemieier,** M. Orbach, **L. Petes, S. Allen,** G. Auad, **R. Beard,** M. Boatman, N. Bond, **T. Boyer, D. Brown, P. Clay, K. Crane, S. Cross, M. Dalton,** J. Diamond, R. Diaz, **Q. Dortch, E. Duffy,** D. Fauquier, W. Fisher, M. Graham, B. Halpern, L. Hansen, B. Hayum, **S. Herrick, A. Hollowed,** D. Hutchins, **E. Jewett,** D. Jin, N. Knowlton, D. Kotowicz, **T. Kristiansen, P. Little, C. Lopez,** P. Loring, **R. Lumpkin,** A. Mace, K. Mengerink, J. Ru Morrison, Jason Murray, **K. Norman,** J. O'donnell, **J. Overland, R. Parsons, N. Pettigrew, L. Pfeiffer,** E. Pidgeon, **M. Plummer, J. Polovina,** J. Quintrell, **T. Rowles,** J. Runge, **M. Rust,** E. Sanford, U. Send, M. Singer, **C. Speir, D. Stanitski,** C. Thornber, **C. Wilson,** and **Y. Xue.** 2013. Oceans and Marine Resources in a Changing Climate. *Oceanography and Marine Biology: An Annual Review* 51: 71-192.

Ocean and Coastal Indicator Technical Team (**R. Griffis, L. Mcgilvray,** D. Cahoon, **T. Clay,** E. Curchitser, K. Curtis, J. Devivo, B. Duncan, **S. Gill,** J. Gear, B. Halpern, **J. Hare, A. Himes-Cornell, J. Howard,** R. Johnston, M. Kenney, **D. Legler,** E. Lindstrom, **T. O'Brien,** S. Rumrill, **E. Thunberg,** T. Webler, J. West, **R. Wood, S. Zador, S. Busch,** and **E. Fly**). 2013. Research priorities to advance the oceans and coasts climate indicators system. Report to the National Climate Assessment Indicator System Working Group. Project information available at: <http://www.globalchange.gov/what-we-do/assessment/indicators-system>.

Babij, E., **P. Niemeier,** B. Hayum., **A. Himes-Cornell, A. Hollowed, P. Little,** M. Orbach, and E. Pidgeon. 2012. International Implications of Climate Change. Section 5 in Oceans and Marine Resources in a Changing Climate: Technical Input to the 2013 National Climate Assessment. U.S. Global Change Research Program: Washington D.C. pp 138-162.

Haynie, A. and **L. Pfeiffer.** 2012. Why Economics Matters for Understanding the Effects of Climate Change on Fisheries. *ICES Journal of Marine Science*. DOI: 10.1093/icesjms/fss021.

McIlgorm, A., S. Hanna, G. Knapp, P. Floc'h, F. Millerd and **M. Pan.** 2010. How will climate change alter fishery governance? Insights from seven international case studies. *Marine Policy* 34(1): 170-177.

Dalton, M., B. O'Neill, A. Prskawetz, L. Jiang, and J. Pitkin. 2008. Population aging and future carbon emissions in the United States. *Energy Economics* 30(2): 642-675.

Hannesson, R., Barange, M., and **S. Herrick,** eds. 2006. *Climate Change and the Economics of the World's Fisheries*. U.K: Edward Elgar, 310p.

Dalton, M. 2002. Synthesizing trends of the twentieth century: population and climate change. *Climatic Change* 55: 409-412.

NORTH PACIFIC | Coastal & Marine Recreation Research

Marvasti, A. 2013. Estimating Outdoor Recreation Demand: A Revealed Preference Approach. *Ocean and Coastal Management* 71(1): 170-175.

UNITED STATES | Commercial Fisheries Economics Research

Holland, D., E. Thunberg, J. Agar, S. Crosson, C. Demarest, S. Kasperski, L. Perruso, E. Steiner, J. Stephen, A. Strelcheck, and **M. Travis.** 2015. U.S. Catch Share Markets: A Review of Data Availability and Impediments to Transparent Markets. *Marine Policy* 57(2015): 103-110.

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Holland, D., E. Thunberg, J. Agar, S. Crosson, C. Demarest, S. Kasperski, L. Perruso, E. Steiner, J. Stephen, A. Strelcheck, and **M. Travis.** 2014. U.S. Catch Share Markets: A Review of Characteristics and Data Availability. U.S. Dept. of Commerce, NOAA Tech. Memo. NMFS-F/SPO-145, 67 p.

Kasperski, S. 2014. Optimal Multi-species Harvesting in Ecologically and Economically Interdependent Fisheries. *Environmental and Resource Economics*. DOI: 10.1007/s10640-014-9805-9.

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- Hospital, J.** and **C. Beavers.** 2012. Economic and Social Characteristics of Bottomfish Fishing in the Main Hawaiian Islands. U.S. Dept. of Commerce. Administrative Report H-12-01.
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UNITED STATES | Habitat Economics Research

Holland, D., J. Sanchirico, R. Johnston, and D. Joglekar. 2010. Economic Analysis for Ecosystem Based Management: Applications to Marine and Coastal Environments. pp. 240. Washington, DC: RFF Press.

UNITED STATES | Ocean Policy & Management Research

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UNITED STATES | Other Marine Environmental Research

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UNITED STATES | Protected Resources Economics Research

Johnston, R., **D. Jarvis, K. Wallmo, and D. Lew.** 2015. Characterizing Large Scale Spatial Pattern in Nonuse Willingness to Pay: An Application to Threatened and Endangered Marine Species. Forthcoming in *Land Economics*.

Pienaar, E., **D. Lew, and K. Wallmo.** 2015. The Importance of Survey Content: Testing for the Context Dependency of the New Ecological Paradigm Scale. *Social Science Research* 51: 338-349.

Pienaar, E., **D. Lew**, and **K. Wallmo**. 2013. Are Environmental Attitudes Influenced by Survey Context? An Investigation of the Context Dependency of the New Ecological Paradigm (NEP) Scale. *Social Science Research* 42(6): 1542-1554.

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Wallmo, K. and **D. Lew**. 2012. The Value of Recovering Threatened and Endangered Marine Species: A Multi-Species Choice Experiment. *Conservation Biology* 26(5): 830-839.

Lew, D. and **K. Wallmo**. 2011. External Tests of Embedding and Scope in Stated Preference Choice Experiments: An Application to Endangered Species Valuation. *Environmental and Resource Economics* 48(1): 1-23. DOI: 10.1007/s10640-010-9394-1.

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UNITED STATES | Recreational Fisheries Economics Research

Larson, D., and **D. Lew**. 2014. The Opportunity Cost of Travel Time as a Noisy Wage Fraction. *American Journal of Agricultural Economics* 96(2): 420-437.

Lovell, S. and **D. Carter**. 2014. The use of sampling weights in regression models of recreational fishing-site choice. *Fishery Bulletin* 112: 243-252.

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Gentner, B. and **S. Steinback.** 2008. The Economic Contribution of Marine Angler Expenditures in the United States, 2006. U.S. Dept. of Commerce. NOAA Technical Memorandum NMFS-F/SPO-94, p301. Available at: https://www.st.nmfs.noaa.gov/st5/publication/AnglerExpenditureReport/AnglerExpendituresReport_ALL.pdf.

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UNITED STATES | Seafood Marketing & Trade Research

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UNITED STATES | Sociocultural Fisheries Research

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