

List of Publications and Reports

4.2 Commercial Fishing and Human Dimensions Dynamics of Fishing Fleets and Fishing Communities

Fisheries Ecology Division, Fisheries Economics Team
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Journal Articles

Miller, Rebecca R., John C. Field, Jarrod A. Santora, Melissa H. Monk, **Rosemary Kosaka**, and **Cynthia Thomson**. Spatial valuation of California marine fisheries as an ecosystem service. *Canadian Journal of Fisheries and Aquatic Sciences*. Published on the web 22 January 2017, <https://doi.org/10.1139/cjfas-2016-0228>.

Lee, Min-Yang, **Cameron Speir**, Andrew Carr-Harris, and Sharon Benjamin. 2017. Geographic concentration of the Atlantic sea scallop fishery. *Review of Regional Studies* 47:25-46.

Mamula, Aaron, and Trevor Collier. 2015. Multifactor productivity, environmental change, and regulatory impacts in the U.S. West Coast groundfish trawl fishery, 1994-2013. *Marine Policy* 62:326-336.

Thomson, Cynthia J. 2015. California's commercial fisheries: 1981-2012. *Marine Fisheries Review* 77(3):48-72.

Thunberg, Eric, John Walden, Juan Agar, Ron Felthoven, Abigail Harley, Stephen Kasperski, Jean Lee, Todd Lee, **Aaron Mamula**, Jessica Stephen, and Andy Strelcheck. 2015. Measuring changes in multi-factor productivity in U.S. catch share fisheries. *Marine Policy* 62:294-301.

Collier, Trevor C., **Aaron Mamula**, and John Ruggiero. 2014. Estimation of multi-output production functions in commercial fisheries. *Omega* 42(1):157-165.

Speir, Cameron, Caroline Pomeroy, and Jon G. Sutinen. 2014. Port level fishing dynamics: assessing changes in the distribution of fishing activity over time. *Marine Policy* 46:171-191.

Howard, Jennifer, Eleanora Babij, Roger Griffis, Brian Helmuth, Amber Himes-Cornell, Paul Niemier, Michael Orbach, Laura Petes, Stewart Allen, Guillermo Auad, Carol Auer, Russell Beard, Mary Boatman, Nicholas Bond, Timothy Boyer, David Brown, Patricia Clay, Katherine Crane, Scott Cross, Michael Dalton, Jordan Diamond, Robert Diaz, Quay Dortch, Emmett Duffy, Deborah Fauquier, William Fisher, Michael Graham, Benjamin Halpern, Lara Hansen, Bryan Hayum, Samuel Herrick, Anne Hollowed, David Hutchins, Elizabeth Jewett, Di Jin, Nancy Knowlton, Dawn Kotowicz, Trond Kristiansen, Peter Little, Cary Lopez, Philip Loring, Rick Lumpkin, Amber Mace, Kathryn Mengerink, J. Ru Morrison, Jason Murray, Karma Norman, James O'Donnell, James Overland, Rost Parsons, Neal Pettigrew, Lisa Pfeiffer, Emily Pidgeon, Mark Plummer, Jeffrey Polovina, Josie Quintrell, Teressa Rowles, Jeffrey Runge, Michael Rust,

Eric Sanford, Uwe Send, Merrill Singer, **Cameron Speir**, Diane Stanitski, Carol Thornber, Cara Wilson, and Yan Xue. 2013. Oceans and marine resources in a changing climate. *Oceanography and Marine Biology: An Annual Review* 51:71-192.

Mason, Janet, **Rosemary Kosaka**, **Aaron Mamula**, and **Cameron Speir**. 2012. Effort changes around a marine reserve: The case of the California Rockfish Conservation Area. *Marine Policy* 36(5):1054-1063.

Tomberlin, David, and Garth Holloway. 2010. Bayesian hierarchical estimation of technical efficiency in a fishery. *Applied Economics Letters* 17(2):201-204.

In review or In Prep

Holland, Dan, **Cameron Speir**, Juan Agar, Scott Crosson, Geret DePiper, Steven Kasperski, Andrew W. Kitts, Larry Perrusso. “Do Catch Shares Reduce Diversification of Fishers and Increase Risk?” *re-submitted to Proceedings of the National Academy of Sciences*

Olesen, Ole, John Ruggiero, **Aaron Mamula**. Estimating a nonparametric homothetic S-shaped production relation for the US West Coast groundfish production 2004 – 2007. In Review at: *The DEA Journal*.

Speir, Cameron, Min -Yang Lee, and Jonathan Nye. “Patterns of Geographic Concentration in Marine Capture Industries”

Speir, Cameron, Caroline Pomeroy, and Jon G. Sutinen. “Locational Dynamics of Natural Resource-Based Industries: A Shift-Share Analysis of US West Coast Fishing Ports”

Thomas-Smyth, Alice, **Aaron Mamula**, Don Pearson, and **Cameron Speir**. “Comparing Spatial Information in Self-reported Commercial Fishing Logbooks to Vessel Monitoring System Data”

NOAA Technical Memoranda

National Marine Fisheries Service (**Cameron Speir**, Cara Mayo, and Gabrielle Ryan eds.). May 2017. *Fisheries Economics of the United States, 2015*. U.S. Dept. of Commerce, NOAA Tech. Memo. NMFS-F/SPO-170, 247p.

Lee Min-Yang, **Cameron Speir**, Andrew Carr-Harris, Sharon Benjamin. 2016. *Trends in geographic disproportionality and concentration in selected Northeast US fisheries*. U.S. Dept. of Commerce, Northeast Fish Sci Cent Ref Doc. 16-04; 26 p.

National Marine Fisheries Service (**C. Speir**, G. Ryan, and C. Mayo, eds.). *Fisheries Economics of the United States, 2014*. US Dept. of Commerce, NOAA Technical Memorandum NMFS-F/SPO-163, May 2016.

Bibb, Sally, Scott Bloom, Ayeisha Brinson, Mark Chandler, Guy Davenport, Kelly Denit, Gerard Dinardo, Joshua Gange, Steve Giordano, Alexis Gutierrez, John Hoey, Steve Ignell, **Rosemary Kosaka**, Caroline Park, Tauna Rankin, Heather Sagar, and Ryan Silva. 2015. *Cooperative research and cooperative management: a review with recommendations*. NOAA Technical Memorandum NMFS-F/SPO-156. 78 p.

Walden, John, Juan Agar, Ron Felthoven, Abigail Harley, Stephen Kasperski, Jean Lee, Todd Lee, **Aaron Mamula**, Jessica Stephen, Andy Strelcheck, and Eric Thunberg. 2014. *Productivity change in U.S. catch share fisheries*. NOAA Technical Memorandum NMFS-F/SPO-146. 137 p.

National Marine Fisheries Service (**C. Speir** and S. Pon, eds.). *Fisheries Economics of the United States, 2012*. US Dept. of Commerce, NOAA Technical Memorandum NMFS-F/SPO-137, May 2014.

Mamula, Aaron, and John Walden (eds.). 2013. *Proceedings of the National Marine Fisheries Service Productivity Workshop (Santa Cruz, CA June 11-12, 2012)*. NOAA Technical Memorandum NMFS-SWFSC-503. 52 p.

National Marine Fisheries Service (**C. Speir**, ed.). *Fisheries Economics of the United States, 2011*. US Dept. of Commerce, NOAA Technical Memorandum NMFS-F/SPO-118, December 2012.

Other Reports

Satterthwaite, William, Eric Anderson, Matthew Campbell, John Carlos Garza, Michael Mohr, Shawn Narum, and **Cameron Speir**. 2015. Multidisciplinary evaluation of the feasibility of parentage-based genetic tagging (PBT) for management of Pacific salmon. Report to the Pacific Salmon Commission. 135 p.

Thomson, Cynthia J. 2010. Data requirements for integrating socioeconomic considerations into regulatory analysis: examples from California commercial fisheries. In: *Managing data-poor fisheries: case studies, models and solutions* (1-4 December 2008, Berkeley, California), p. 307-326. California Sea Grant College Program.