



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Alaska Fisheries Science Center
7600 Sand Point Way NE
Seattle, WA 98115

September 13, 2017

Dan Hull
Council Chair
North Pacific Fishery Management Council
605 West 4th Avenue
Anchorage, AK

Dear Dan:

I am writing to recommend the appointment of Dr. Dan Lew, Alaska Fisheries Science Center (AFSC), Economist, to the NPFMC's Gulf of Alaska (GOA) Groundfish Plan Team. Dr. Lew would replace Dr. Michael Dalton, who is leaving the GOA Plan Team this fall.

Dr. Lew's CV is attached. He has 14 years of experience as a fisheries economist at the AFSC and served as a member of the Bering Sea/Aleutian Islands Plan Team from 2005-2007. He has expertise primarily with the economics of the recreational fishing sector and protected species, but he also conducts research on individual fishing quota (IFQ) markets, specifically the halibut/sablefish IFQ markets. He sat in on the September 2017 Plan Team meeting in preparation for November, so he is up to date on the current issues facing the Team.

I am confident that Dan's experience and expertise will make him a welcome addition to the Team.

Sincerely,

A handwritten signature in black ink that reads "Douglas DeMaster".

Douglas P. DeMaster, Ph.D.
Science and Research Director



Curriculum Vitae

DANIEL K. LEW

Alaska Fisheries Science Center
National Marine Fisheries Service
National Oceanic and Atmospheric Administration

(530) 554-1842 (office)

Dan.Lew@noaa.gov

CURRENT APPOINTMENTS**Economist**

National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Alaska Fisheries Science Center. 2003 – present

Visiting scholar

Dept of Environmental Science and Policy, University of California, Davis. 2008 – 2010, 2013 – present

Dept of Agricultural and Resource Economics, University of California, Davis. 2010 – 2013

EDUCATION

Ph.D., *Agricultural and Resource Economics*, University of California, Davis (September 2002)
Dissertation: *Valuing Recreation, Time, and Water Quality Improvements Using Non-Market Valuation: An Application to San Diego Beaches*

Master of Science, *Agricultural and Resource Economics*, University of California, Davis (December 1997)

Bachelor of Science (highest honors), *Environmental Policy Analysis and Planning*, University of California, Davis (June 1995)

REFEREED PUBLICATIONS

36. Seung, Chang, and Daniel K. Lew (Forthcoming). “A Multi-Regional Approach for Estimating the Economic Impact of Harvest Restrictions on Saltwater Sport Fishing in Alaska.” *North American Journal of Fisheries Management*. <http://dx.doi.org/10.1080/02755947.2017.1345808>

35. Pienaar, Elizabeth F., Daniel K. Lew, and Kristy Wallmo (2017). “Intention to Pay for the Protection of Threatened and Endangered Marine Species: Implications for Conservation Program Design.” *Ocean and Coastal Management* 138: 170-180. <http://dx.doi.org/10.1016/j.ocecoaman.2017.01.019>

34. Lew, Daniel K., and Douglas M. Larson (Forthcoming). “Stated Preferences of Alaska Resident Saltwater Anglers for Contemporary Regulatory Policies.” *Marine Fisheries Review*.

33. Lew, Daniel K., and Kristy Wallmo (2017). “Temporal Stability of Stated Preferences for Endangered Species Protection in Choice Experiments.” *Ecological Economics* 131: 87-97. <http://dx.doi.org/10.1016/j.ecolecon.2016.08.009>

32. Wallmo, Kristy, and Daniel K. Lew (2016). “A Comparison of Regional and National Values for Recovering Threatened and Endangered Marine Species in the United States.” *Journal of Environmental Management* 179: 38-46. [doi:10.1016/j.jenvman.2016.04.053](http://dx.doi.org/10.1016/j.jenvman.2016.04.053)

31. Cardenas, Susana A., and Daniel K. Lew (2016). “Factors Influencing Willingness to Donate to Marine Endangered Species Recovery in the Galapagos National Park, Ecuador.” *Frontiers in Marine Science* 3:60. <http://dx.doi.org/10.3389/fmars.2016.00060>

30. Lew, Daniel K. (2015) "Willingness to Pay for Threatened and Endangered Marine Species: A Review of the Literature and Prospects for Policy Use." *Frontiers in Marine Science* 2:96. <http://dx.doi.org/10.3389/fmars.2015.00096>
29. Farrow, Katherine, Ayeisha Brinson, Kristy Wallmo, and Daniel K. Lew (2016). "Environmental Attitudes in the Aftermath of the Gulf Oil Spill." *Ocean and Coastal Management* 119: 128-134. [doi:10.1016/j.ocecoaman.2015.10.001](http://dx.doi.org/10.1016/j.ocecoaman.2015.10.001)
28. Wallmo, Kristy, and Daniel K. Lew (2015). "Public Preferences for Endangered Species Recovery: An Examination of Geospatial Scale and Non-Market Values." *Frontiers in Marine Science* 2:55. <http://dx.doi.org/10.3389/fmars.2015.00055>
27. Lew, Daniel K., and Douglas M. Larson (2015). "Stated Preferences for Size and Bag Limits of Alaska Charter Boat Anglers." *Marine Policy* 61: 66-76. <http://dx.doi.org/10.1016/j.marpol.2015.07.007>
26. Kroetz, Kailin, James N. Sanchirico, and Daniel K. Lew (2015). "Efficiency Costs of Social Objectives in Tradable Permit Programs." *Journal of the Association of Environmental and Resource Economists* 2(3): 339-366. <http://dx.doi.org/10.1086/681646>
25. Lipton, Douglas, Daniel K. Lew, Kristy Wallmo, Peter Wiley, and Anthony Dvarskas (2014). "The Evolution of Non-Market Valuation of U.S. Coastal and Marine Resources." *Journal of Ocean and Coastal Economics* Vol. 2014, Article 6. <http://cbe.miis.edu/joce/vol2014/iss1/6/>.
24. Lew, Daniel K., Amber Himes-Cornell, and Jean Lee (2015). "Weighting and Data Imputation for Missing Data in a Cost and Earnings Fishery Survey." *Marine Resource Economics* 30(2): 219-230. DOI: 10.1086/679975
23. Call, Isabel L., and Daniel K. Lew (2015). "Tradable Permit Programs: What Are the Lessons for the New Alaska Halibut Catch Sharing Plan?" *Marine Policy* 52: 125-137.
22. Johnston, Robert, Daniel Jarvis, Kristy Wallmo, and Daniel K. Lew (2015). "Characterizing Large Scale Spatial Pattern in Nonuse Willingness to Pay: An Application to Threatened and Endangered Marine Species." *Land Economics* 91(4): 739-761. DOI: 10.3368/le.91.4.739
21. Pienaar, Elizabeth, Daniel K. Lew, and Kristy Wallmo (2015). "The Importance of Survey Content: Testing for the Context Dependence of the New Ecological Paradigm Scale." *Social Science Research* 51: 338-349.
20. Lew, Daniel K., and Douglas M. Larson (2014). "Is a Fish in Hand Worth Two in the Sea? Evidence from a Stated Preference Study." *Fisheries Research* 157: 124-135.
19. Lew, Daniel K., and Chang Seung (2014). "On the Statistical Significance of Regional Economic Impacts from Changes in Recreational Fishing Harvest Limits in Southern Alaska." *Marine Resource Economics* 29(3): 241-257. DOI: 10.1086/677759
18. Larson, Douglas M., and Daniel K. Lew (2014). "The Opportunity Cost of Travel Time as a Noisy Wage Fraction." *American Journal of Agricultural Economics* 96(2): 420-437. DOI: 10.1093/ajae/aat093
17. Pienaar, Elizabeth, Daniel K. Lew, and Kristy 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. (Senior authorship shared by Pienaar and Lew)
16. Larson, Douglas M., and Daniel K. Lew (2013). "How Do Harvest Rates Affect Angler Trip Patterns?"

Marine Resource Economics 28(2): 155-173. (Winner of S.-Y. Hong Award for Outstanding Article in *Marine Resource Economics*, 2013) DOI: 10.5950/0738-1360-28.2.155

15. Seung, Chang, and Daniel K. Lew (2013). "Accounting for Variation in Exogenous Shocks in Economic Impact Modeling." *Annals of Regional Science* 51(3): 711-730.

14. Sanchirico, James, Daniel K. Lew, Alan Haynie, David Kling, and David F. Layton (2013). "Conservation Values in Marine Ecosystem-Based Management." *Marine Policy* 38: 523-530.

13. Wallmo, Kristy, and Daniel K. Lew (2012). "Public Values for Recovering and Downlisting Threatened and Endangered Marine Species." *Conservation Biology* 26(5): 830-839.

12. Lew, Daniel K., and Douglas M. Larson (2012). "Economic Values for Saltwater Sport Fishing in Alaska: A Stated Preference Analysis." *North American Journal of Fisheries Management* 32(4): 745-759. <http://dx.doi.org/10.1080/02755947.2012.681012>

11. Lew, Daniel K., and Douglas M. Larson (2011). "A Repeated Mixed Logit Approach to Valuing a Local Sport Fishery: The Case of Southeast Alaska Salmon." *Land Economics*, 87(4): 712-729. DOI: 10.3368/le.87.4.712

10. Wallmo, Kristy, and Daniel K. Lew (2011). "Valuing Improvements to Threatened and Endangered Marine Species: An Application of Stated Preference Choice Experiments." *Journal of Environmental Management* 92: 1793-1801. DOI:10.1016/j.jenvman.2011.02.012

9. Lew, Daniel K., and Kristy 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. (Lead article)

8. Carothers, Courtney, Daniel K. Lew, and Jennifer Sepez (2010). "Fishing Rights and Small Communities: Alaska Halibut IFQ Transfer Patterns." *Ocean and Coastal Management* 53: 518-523. <http://dx.doi.org/10.1016/j.ocecoaman.2010.04.014>

7. Lew, Daniel K., David F. Layton, and Robert D. Rowe (2010). "Valuing Enhancements to Endangered Species Protection Under Alternative Baseline Futures: The Case of the Steller Sea Lion." *Marine Resource Economics* 25(2): 133-154. (Lead article; Honorable mention for S.-Y. Hong Award for Outstanding Article in *Marine Resource Economics*, 2010) DOI: 10.5950/0738-1360-25.2.133.

6. Lew, Daniel K., and Chang Seung (2010). "The Economic Impact of Saltwater Sportfishing Harvest Restrictions in Alaska: An Empirical Analysis of Nonresident Anglers." *North American Journal of Fisheries Management* 30: 538-551. <http://dx.doi.org/10.1577/M09-191.1>

5. Lew, Daniel K., and Douglas M. Larson (2008). "Valuing a Beach Day with a Repeated Nested Logit Model of Participation, Site Choice, and Stochastic Time Value." *Marine Resource Economics* 23: 233-252. (Lead article; Winner of S.-Y. Hong Award for Outstanding Article in *Marine Resource Economics*, 2008) DOI: 10.1086/mre.23.3.42629616

4. Lew, Daniel K., and Douglas M. Larson (2005). "Accounting for Stochastic Shadow Values of Time in Discrete-Choice Recreation Demand Models." *Journal of Environmental Economics and Management* 50(2): 341-361. <http://dx.doi.org/10.1016/j.jeem.2005.02.001>

3. Larson, Douglas M., and Daniel K. Lew (2005). "Measuring the Utility of Ancillary Travel: Results from a Study of Recreation Demand." *Transportation Research Part A* 39(2-3): 237-255. <http://dx.doi.org/10.1016/j.tra.2004.09.009>

2. Lew, Daniel K., and Douglas M. Larson (2005). "Valuing Recreation and Amenities at San Diego County Beaches." *Coastal Management* 33(1): 71-86. <http://dx.doi.org/10.1080/08920750590883079>
1. Kalman, Orit, Jay R. Lund, Daniel K. Lew, and Douglas M. Larson (2000). "Benefit Cost Analysis of Stormwater Quality Improvement for Ballona Creek, California." *Environmental Management* 26(6): 615-628. DOI: 10.1007/s002670010120

EDITORIALS AND NON-REFEREED PUBLICATIONS

6. Wallmo, Kristy, Kathryn Bisack, Daniel K. Lew, and Dale Squires (2016). "The Economics of Protected Marine Species: Concepts in Research and Management (Editorial)." *Frontiers in Marine Science* 3:183. <http://dx.doi.org/10.3389/fmars.2016.00183>
5. Lew, Daniel K. (2009) "Towards an Understanding of the Public's Attitudes and Preferences for Protecting Steller Sea Lions." *Alaska Fisheries Science Center Quarterly Report*, January- February - March.
4. Lew, Daniel K., and Douglas M. Larson (2006). "Valuing Beach Recreation and Amenities in San Diego County." *Sea Technology*, 47(8): 39-45.
3. Larson, Douglas M., and Daniel K. Lew (2001). "Clean Water in California: What is it Worth?" *Agricultural and Resource Economics Update*, Summer 2001, University of California, Davis, 4(4): 3-6.
2. Larson, Douglas M., and Daniel K. Lew (2000). "Valuing Time Onsite and in Travel in Recreation Demand Models." *Proceedings of the Western Regional Research W-133 Conference in Kauai, Hawaii*, February 2000.
1. Larson, Douglas M., Daniel K. Lew, and John B. Loomis (1999). "Are Revealed Preference Measures of Quality Change Benefits Statistically Significant?" *Proceedings of the Western Regional Research W-133 Conference in Tucson, Arizona*, February 1999.

BOOKS, EDITED VOLUMES

1. Wallmo, Kristy, Kathryn Bisack, Daniel K. Lew, and Dale E. Squires (eds.). 2016. *The Economics of Protected Marine Species: Concepts in Research and Management*. Lausanne: Frontiers Media. doi: 10.3389/978-2-88919-990-7.

MANUSCRIPTS UNDER REVIEW

- Whitehead, John, and Daniel K. Lew. "Estimating Recreation Benefits through Joint Estimation of Revealed and Stated Preference Discrete Choice Data." Under review at *Empirical Economics*.
- Kroetz, Kailin, Daniel K. Lew, and James N. Sanchirico. "Recreational Leasing of Alaska Commercial Halibut Quota: The First Two Years of the Guided Angler Fish Provision." In preparation.
- Lew, Daniel K. "Is there an Urban-Rural Divide in Stated Preferences for Protecting Endangered Species?" Under review at *Environmental and Resource Economics*.
- Lew, Daniel K. "Discounting Future Payments in Stated Preference Choice Experiments." Under review at *Journal of Environmental Economics and Management*.

PRESENTATIONS

- "AFSC Protected Species Economics Research Program." Presented at the AFSC Science Review of Economics and Social Science, Seattle, Washington, July 18, 2017.

“AFSC Recreational Economics Research Program.” Presented at the AFSC Science Review of Economics and Social Science, Seattle, Washington, July 18, 2017.

“Ecosystem Services and Economic Valuation: An Overview.” Presented at the Human Dimensions Integrated Ecosystem Assessment Workshop, Boulder, Colorado, June 19, 2017.

“Ecosystem Services Valuation: An Overview of Methods, Values, and Applications.” Presented at the North American Association of Fisheries Economists Biennial Meeting, La Paz, Mexico, March 21-25, 2017.

“Estimating Recreation Benefits through Joint Estimation of Revealed and Stated Preference Discrete Choice Data.” Presented at the North American Association of Fisheries Economists Biennial Meeting, La Paz, Mexico, March 21-25, 2017.

“Is There an Urban-Rural Divide in Stated Preferences for Protecting an Endangered Species? The Case of the Cook Inlet Beluga Whale.” Presented at the 2016 Biennial Forum of the International Institute of Fisheries Economics and Trade, Aberdeen, Scotland, July 11-15, 2016.

“Economic Values of Protected Marine Species: Empirical Studies and Challenges for Ecosystem-Based Management.” Presented at the 2016 Biennial Forum of the International Institute of Fisheries Economics and Trade, Aberdeen, Scotland, July 11-15, 2016.

“Is There an Urban-Rural Divide in Stated Preferences for Protecting an Endangered Species? The Case of the Cook Inlet Beluga Whale.” Presented at the 2016 W3133 Annual Conference, Portland, Oregon, February 25-26, 2016.

“Economic Values of Protected Marine Species in the U.S.: Empirical Studies and Challenges for Ecosystem-Based Management.” Presented as part of the 2016 Alaska Fisheries Science Center Seminar Series, February 9, 2016.

“Economic Values of Protected Marine Species in the U.S.: Empirical Studies and Conceptual Challenges for Ecosystem-Based Management.” Presented at the North Pacific Marine Science Organization (PICES) Annual Meeting, Qingdao, China, October 15-23, 2015.

“Cost and Earnings in the Alaska Saltwater Sport Fishing Charter Sector.” Presented at the North American Association of Fisheries Economists Biennial Meeting, Ketchikan, Alaska, May 20-22, 2015.

“An Overview of AFSC Economic Research on Saltwater Recreational Fisheries, Marine Protected Species, and IFQ Markets”. Presented at the Alaska Regional Office, National Marine Fisheries Service, Juneau, Alaska, May 18-19, 2015.

“Economic Research of Pacific Halibut Recreational Fishing in Alaska.” Presented at the National Marine Fisheries Service Allocation/Re-Allocation Workshop, Seattle, Washington, September 23-24, 2014.

“Using Non-Market Valuation to Value Protected Marine Species: A Review of the Literature.” Presented at the National Marine Fisheries Service Protected Resources Economic Workshop, La Jolla, California, September 9-11, 2014.

“Weighting and Data Imputation for Missing Data in a Cost and Earnings Survey of Alaska Charter Fishing Businesses.” Presented at the International Institute for Fisheries Economics and Trade, Queensland University of Technology, Brisbane, Queensland, Australia, July 7-11, 2014.

“Stated Preferences for Size and Bag Limits of Alaska Charter Boat Anglers.” Presented at the National Marine Fisheries Service Recreational Fishing Constituents’ Workshop, Silver Spring, Maryland, January 30-31, 2014.

“Temporal Stability of Stated Preference Values for Endangered Species Protection from Choice Experiments.” Presented at the North American Association of Fisheries Economists Biennial Forum, St. Pete’s Beach, Florida, May 21-24, 2013.

“Stated Preferences for Size and Bag Limits of Alaska Charter Boat Anglers.” Presented at the North American Association of Fisheries Economists Biennial Forum, St. Pete’s Beach, Florida, May 21-24, 2013.

“Policy Utility of the Cook Inlet Beluga Whale Economic Survey.” Presented to the U.S. Office of Management and Budget, Washington, D.C., December 19, 2012.

“Preferences and Values for Fish Released and Fish Kept in Southeast and Southcentral Alaska’s Marine Sport Fisheries: Results from a Stated Preference Study.” Presented at the Western Regional Science Association Meeting in Kauai, Hawaii, February 8-11, 2012.

“Overview of Stated Preference Methods.” Presented at the NMFS Recreational Fisheries Data and Model Needs Workshop, Silver Spring, Maryland, July 26-28, 2011.

“Alaska Saltwater Sport Fishing Economic Survey.” Presented at the NMFS Recreational Fisheries Data and Model Needs Workshop, Silver Spring, Maryland, July 26-28, 2011.

“Angler Preferences for Saltwater Fishing in Alaska: A Stated Preference Analysis.” Presented at the North American Association of Fisheries Management Biennial Forum, Honolulu, Hawaii, May 11-13, 2011.

“External Tests of Embedding and Scope in Stated Preference Choice Experiments: An Application to Endangered Species Valuation.” Presented at the NMFS Economics and Social Science Workshop, Orlando, Florida, September 21-23, 2010.

“On Specifying Time Values in Recreational Fishing Demand Models.” Presented at the NMFS Economics and Social Science Workshop, Orlando, Florida, September 21-23, 2010.

“How Do Catch Rates Affect Angler Trip Patterns?” Presented at the Biennial Conference of the International Institute of Fisheries Economics and Trade in Montpellier, France, July 13-16, 2010.

“The Economic Impact of Saltwater Sportfishing Harvest Restrictions in Alaska: An Empirical Analysis.” Presented at the Western Regional Science Association Annual Meeting, Sedona, Arizona, February 21-24, 2010.

“Are Public Preferences for Threatened and Endangered Species Sensitive to Scope? An Empirical Investigation Using Stated Preference Choice Experiments.” Presented at the Western Agricultural Economics Association Annual Meeting, Kauai, Hawaii, June 23-26, 2009.

“Valuing Enhancements to Endangered Species Protection Under Alternative Baseline Futures: The Case of the Steller Sea Lion.” Presented at the North American Association of Fisheries Management Biennial Forum, Newport, Rhode Island, May 17-20, 2009.

“Valuing Additional Protection of Steller Sea Lions Using a Choice Experiment-Based Stated Preference Method: Preliminary Results.” Presented at the NMFS Economics and Social Science Workshop in Port Townsend, Washington, May 5-8, 2008.

“Valuing Additional Protection of Steller Sea Lions Using a Choice Experiment-Based Stated Preference Method: Preliminary Results.” Presented at the Western Regional Research W-2133 Conference in Waikoloa, Hawaii, February 17-20, 2008.

“Alaska Saltwater Sport Fishing Trip Values: Preliminary Estimates from a Stated Preference Economic Survey.” Presented at the American Fisheries Society Annual Meeting in San Francisco, CA, September 2-6, 2007.

“Valuing an Endangered Species Using a Choice Experiment-Based Stated Preference Method: Preliminary Results for a Steller Sea Lion Valuation Study.” Presented at the AERE session of the American Agricultural Economics Association Annual Meeting in Long Beach, CA, July 23-26, 2006.

“Robust Experimental Designs for Economic Valuation Choice Experiments.” Presented at the AERE session of the American Agricultural Economics Association Annual Meeting in Long Beach, CA, July 23-26, 2006.

“Quota Share Emigration and Small Remote Fishing Communities in the Gulf of Alaska Halibut Fishery.” Presented at the Biennial Conference of the International Institute of Fisheries Economics and Trade in Portsmouth, U.K., July 11-14, 2006.

“Valuing a Beach Day: Economic Values of Beach Recreation in San Diego County.” Presented at the 80th Annual Conference of the Western Economics Association International in San Francisco, CA, July 4-8, 2005.

“The Economic Value of Steller Sea Lion Protection.” Presentation at the NOAA Fisheries Economics and Social Sciences Workshop, New Orleans, October 26-28, 2004.

“Economic Valuation of Recreation and Stormwater Quality Improvements at San Diego County Beaches.” Invited presentation for the Office of Water Programs, California State University, Sacramento, April 7, 2003.

“The Economic Value of Beach Recreation in San Diego County.” Invited presentation at the Coastal Economics Workshop, University of Southern California, Los Angeles, California, February 24, 2003.

“Jointly Estimating Recreational Choices and the Shadow Value of Leisure Time.” Presented at the World Congress of Environmental and Resource Economists, Monterey, California, June 24-27, 2002.

“The Public’s Willingness to Pay for Improving California’s Water Quality: Preliminary Results.” Presented at the Western Regional Research W-133 Conference in Miami, Florida, February 2001.

“Valuing Time Onsite and in Travel in Recreation Demand Models.” Presented at the Western Regional Research W-133 Conference in Kauai, Hawaii, February 2000.

“Multi-Purpose Trip Valuation in Recreation Demand Models: Some Methodological Approaches.” Selected paper presented at the American Agricultural Economics Association Annual Meeting in Nashville, Tennessee, August 1999.

“Are Revealed Preference Measures of Quality Change Benefits Statistically Significant?” Presented at the Western Regional Research W-133 conference, Tucson, Arizona, February 1999.

“Some Implications of the Two-Constraint Joint Recreational Choice Demand Model.” Selected paper presented at the American Agricultural Economics Association Annual Meeting in Salt Lake City, Utah, August 1998.

GOVERNMENT REPORTS

Lew, Daniel K., Daniel Putman, and Douglas M. Larson (2016). “Attitudes and Preferences Toward Pacific Halibut Management Alternatives in the Saltwater Sport Fishing Charter Sector in Alaska: Results from a Survey of Charter Halibut Permit Holders.” U.S. Dept of Commerce, NOAA Technical Memorandum NMFS-AFSC-326, 58 p. doi:10.7289/V5/TM-AFSC-326; <http://www.afsc.noaa.gov/Publications/AFSC-TM/NOAA-TM-AFSC-326.pdf>

Bisack, Kathryn D., Dale E. Squires, Douglas W. Lipton, James R. Hilger, Daniel S. Holland, Denise H. Johnson, Min-Yang Lee, Rebecca Lent, Daniel K. Lew, Gisele Magnusson, Minling Pan, Lew E. Queirolo, Stephen Stophs, Cameron L. Speir, Kristy A. Wallmo (2015). "Proceedings of the 2014 NOAA Economics of Protected Resources Workshop." U.S. Dept of Commerce, NOAA Technical Memorandum, NMFS-NE-233, 179 p.

Lew, Daniel K., Gabriel Sampson, Amber Himes-Cornell, Jean Lee, and Brian Garber-Yonts (2015). "Costs, Earnings, and Employment in the Alaska Saltwater Sport Fishing Charter Sector, 2011-2013." U.S. Dept of Commerce, NOAA Technical Memorandum NMFS-AFSC-2738, 134 p.

Lew, Daniel K., and Amber Himes-Cornell (2011). "A Guide to Designing, Testing, and Implementing AFSC Economic and Social Surveys." U.S. Dept of Commerce, NOAA Technical Memorandum NMFS-AFSC-228, 43 pages.

Lew, Daniel K (2010). "Nonuse Values of Critical Habitat for the Cook Inlet Beluga Whale." Appendix A in NOAA Fisheries Service, "Final RIR/4(b)(2) Preparatory Assessment/FRFA for the Critical Habitat Designation of Cook Inlet Beluga Whale." 247 p.

Lew, Daniel K., Jean Lee, and Douglas M. Larson (2010). "Saltwater Sport Fishing in Alaska: A Summary and Description of the Alaska Saltwater Sport Fishing Economic Survey, 2007." U.S. Dept of Commerce, NOAA Technical Memorandum NMFS-AFSC-214, 229 pages.

Hiatt, Terry, Michael Dalton, Ron Felthoven, Brian Garber-Yonts, Alan Haynie, Stephen Kasperski, Dan Lew, Christina Package, Lisa Pfeiffer, Jennifer Sepez, Chang Seung, and the staff of Northern Economics, Inc. (2009) "Stock Assessment and Fishery Evaluation Report for the Groundfish Fisheries of the Gulf of Alaska and Bering Sea/Aleutian Islands Area: Economic Status of the Groundfish Fisheries Off Alaska, 2008." Economic and Social Science Research Program, Alaska Fisheries Science Center, National Marine Fisheries Service.

Hiatt, Terry, Michael Dalton, Ron Felthoven, Brian Garber-Yonts, Alan Haynie, Dan Lew, Jennifer Sepez, and Chang Seung (2008). "Stock Assessment and Fishery Evaluation Report for the Groundfish Fisheries of the Gulf of Alaska and Bering Sea/Aleutian Islands Area: Economic Status of the Groundfish Fisheries Off Alaska, 2007." Economic and Social Science Research Program, Alaska Fisheries Science Center, National Marine Fisheries Service.

Lew, Daniel K., and Douglas M. Larson (2004). "Economic Values for Beach Recreation in San Diego County," Report to the California State Water Resources Control Board.

Lew, Daniel K., Douglas M. Larson, Gorm Kipperberg, Jim Barrett, and Elizabeth Pienaar (2003). "Assessing Economic Impacts of Water Pollution on Beneficial Uses in California Water Bodies: The Lost Beneficial Use Value Calculator," Report to the California State Water Resources Control Board.

Larson, Douglas M., Juha Siikamaki, Jim Barrett, Gorm Kipperberg, and Daniel K. Lew (2001). "Developing Protocols for MEP Evaluations of Stormwater Best Management Practices," Report to the California Department of Transportation.

Lew, Daniel K., and Douglas M. Larson (2001). "The San Diego Beach Recreation and Water Quality Survey: Descriptive Report of Survey Results," Report to the California Department of Transportation. Report No. CTSW-RT-01-030-D1.

Lew, Daniel K., Hiro Suenaga, Rodrigo DeSousa, and Douglas M. Larson (2000). "A Beneficial Use Values Database: Incorporating Economic Values into the Water Quality Standards Inventory Database," Report to the California Department of Transportation, CTSW-RT-00-0019.

Lew, Daniel K (1998). "MEP Economic Analysis of Attainable Water Quality Levels for the Ballona Creek Watershed" Draft final report to the California Department of Transportation, Environmental Program.

Lew, Daniel, Sabina Shaikh, Douglas Larson, Lauren Stewart, Ronald Felthoven, and Keith Casey (1998). "Economic Valuation of Beneficial Uses in the Lake Tahoe Basin" Draft final report to the California Department of Transportation, Environmental Program, March 1998.

Wilchfort, Orit, Jay R. Lund, Dan Lew, and Douglas M. Larson (1997). "An Economic Valuation of Stormwater Quality Improvement for Ballona Creek, CA." Report to the California Department of Transportation, Environmental Program.

Lew, Dan, Orit Wilchfort, Jay R. Lund, Douglas M. Larson, and Robert Anex (1996). "Approaches to Economic Valuation of Changes in Receiving Water Quality: A Critical Review." Report to the California Department of Transportation, Environmental Program.

AWARDS

- Departmental Citation, Department of Environmental Studies, University of California, Davis, 1995.
- Gordon A. King Outstanding Dissertation Award, Department of Agricultural and Resource Economics, University of California, Davis, 2002.
- Winner of Dr. S.-Y. Hong Award for Outstanding Article in *Marine Resource Economics* for "Valuing a Beach Day with a Repeated Nested Logit Model of Participation, Site Choice, and Stochastic Time Value" (2008) with Douglas M. Larson.
- 2010 NOAA Fisheries Economics and Social Sciences Best Paper Award, 2nd Place in the Research category for "External Tests of Embedding and Scope in Stated Preference Choice Experiments: An Application to Endangered Species Valuation" (with Kristy Wallmo).
- 2010 NOAA Fisheries Economics and Social Sciences Best Paper Award, 3rd Place in the Policy category for "An Application of Stated Preference Non-Market Valuation to Value Improvements to Threatened and Endangered Species" (with Kristy Wallmo).
- Honorable mention for Dr. S.-Y. Hong Award for Outstanding Article in *Marine Resource Economics* for "Valuing Enhancements to Endangered Species Protection Under Alternative Baseline Futures: The Case of the Steller Sea Lion," (2010) with David F. Layton and Robert D. Rowe.
- 2013-2014 NOAA Fisheries Economics and Social Sciences Best Paper Award, 2nd place in the Policy category for "On the Statistical Significance of Regional Economic Impacts from Recreational Fishing Harvest Limits in Southern Alaska" (with Chang Seung).
- Winner of Dr. S.-Y. Hong Award for Outstanding Article in *Marine Resource Economics* for "How Do Harvest Rates Affect Angler Trip Patterns?" (2013) with Douglas M. Larson.
- 2015-2016 NOAA Fisheries Economics and Social Sciences Best Paper Award, 1st place in the Policy category for "A Comparison of Regional and National Values for Recovering Threatened and Endangered Marine Species in the United States" (with Kristy Wallmo).

PROFESSIONAL AFFILIATIONS

- Association of Environmental and Resource Economists
- North American Association of Fisheries Economists

EDITORIAL BOARDS

- Member of Editorial Council for *Journal of Agricultural and Resource Economics*, 2006-2008
- Guest co-editor, *Frontiers in Marine Science (Marine Affairs and Policy): The Economics of Protected Marine Species: Concepts in Research and Management* (with Kristy Wallmo, Dale Squires, and Kathryn Bisack)
- Associate Editor, *Marine Resource Economics*, July 2015 - present

REFeree/REVIEWER ACTIVITIES

American Journal of Agricultural Economics
Aquatic Conservation: Marine and Freshwater Ecosystems

ASCE Journal of Water Resources Planning and Management
 Australian Journal of Agricultural and Resource Economics
 Coastal Management Journal
 Ecological Applications
 Ecological Economics
 Environmental and Resource Economics
 Environmental Modelling and Software
 Environmental Science and Policy
 Frontiers of Ecology and the Environment
 Human Dimensions of Wildlife
 Journal of the Association of Environmental and Resource Economists
 Journal of Environmental Economics and Management
 Journal of Environmental Management
 Journal of Marketing Research
 Land Economics
 Marine Fisheries Review
 Marine Resource Economics
 Marine Policy
 North American Journal of Fisheries Management
 Social Science Research
 Water Resources Research

OTHER ACTIVITIES

- Member of the North Pacific Marine Science Organization (PICES) Study Group on Marine Ecosystem Services, 2017 -present (U.S. Representative)
- Member of North Pacific Fisheries Management Council Bering Sea and Aleutian Islands Groundfish Plan Team, 2005-2007
- Member of Scientific Committee for 2018 International Institute of Fisheries Economics and Trade (IIFET) Biennial Forum
- Reviewer of conference paper abstracts for the Western Agricultural Economics Association and the American Applied Economics Association (formerly the American Agricultural Economics Association)
- Dissertation committee member for UC Davis Ph.D. students: Susana Cardenas (Ecology Graduate Group, 2016) and Kailin Kroetz (Department of Agricultural and Resource Economics, 2014; winner of AERE Outstanding Dissertation Award)
- Organized or co-organized special sessions at the North American Association of Fisheries Economists Biennial Forums (2009, 2011, 2013, 2015, and 2017)
- Co-chair, NMFS Protected Species Economics Working Group, 2015 - 2017
- Co-chair, NMFS Ecosystem Services Valuation Working Group, 2017 - present
- Co-organized special session at International Institute of Fisheries Economics and Trade (IIFET) biennial forum (2016), "Economics of Protected Species."
- Member, Human Dimensions IEA Working Group, 2017 - present
- Advisory panel member, "COAST-BENEFIT: Ecosystem Service Valuation For Coastal Zone Management: From Promise to Practice" Norwegian Research Council grant project, 2015 - present
- Advisory panel member, "Assessing the benefits of natural infrastructure for shoreline stabilization: Ecosystem service valuation for decision-making in coastal communities" NOAA grant project, 2016 - present

PAST APPOINTMENTS

Post-Doctoral Researcher

Dept of Agricultural and Resource Economics, UC Davis, 2003

Instructor

Department of Environmental Science and Policy, University of California at Davis, 2002:

Environmental Policy Analysis

Academic Research Associate

Office of Water Programs, California State University, Sacramento, 2001 – 2002

Post-Graduate Researcher

Dept of Agricultural and Resource Economics, UC Davis, 1998 – 2000

Dept of Civil and Environmental Engineering, UC Davis, 1996 – 1997

Teaching Assistant

Dept of Agricultural and Resource Economics, UC Davis, 1997 and 1999

Research Assistant

Dept of Agricultural and Resource Economics, UC Davis, 1995 – 1996