

KRISTEN TABER HONEY

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a. Professional Preparation

Stanford University	Human Biology (with Honors)	BA, 1997
University of California, Santa Cruz	Environmental Studies Emmett Interdisciplinary Program in Environment and Resources	MA, 2005 PhD Candidate with expected conferral Sept 2012 for both degrees, E- IPER PhD & CEE PhD Minor
Stanford University	(E-IPER) with PhD Minor in Civil and Environmental Engineering (CEE)	

b. Appointments

2008-2009	Environmental Defense Fund (EDF), 2008 Lorri I. Lokey / Stanford Fellow at EDF
2006-2010	Stanford University, Stanford Graduate Fellow (SGF) in Science and Engineering
2004-2006	Stanford University, Science To Achieve Results, US EPA, STAR Graduate Fellow
2004-2006	U.C. Davis John Muir Institute for the Environment, Fish Ecologist (student researcher)
2003-2004	U.C., Santa Cruz, Science To Achieve Results, US EPA, STAR Graduate Fellow
2002-2004	San Francisco Estuary Project, Environmental Specialist (CALFED Science liaison)
2002	California Bay-Delta Authority (formerly CALFED), Science Program, Consultant
2002	United States Geological Survey, Biologist
1997-2000	Eastern Research Group, Inc., Environmental Scientist
1995-1997	United States Geological Survey, Student Biologist

c. Publications

(i) *Selected Publications Relevant to Current Research*

1. Fujita, R. M., J.H. Moxley, H. DeBay, T. Van Leuvan, A. Leumer, K. Honey, S. Aguilera, M. Foley. (*in press*). Managing for a resilient ocean. *Marine Policy*, in press, now available online: <http://dx.doi.org/10.1016/j.marpol.2012.05.025> , 7 pp.
2. Honey, K. T., J. Moxley, and R. M. Fujita. 2010. From Rags to Fishes: Data-poor methods for fisheries managers. California Sea Grant College Program, *Managing Data-Poor Fisheries: Case Studies, Models, and Solutions* 1:159-184.
3. Fujita, R. M., K. T. Honey, A. Morris, J. Wilson, and H. Russell. 2010. Cooperative strategies in fisheries management: integrating across scales. *Bulletin of Marine Science*, 86(2): 251-271.
4. Woodson, C.B., J. A. Barth, O. M. Cheriton, M. A. McManus, J. P. Ryan, L. Washburn, K. N. Carden, B. S. Cheng, J. Fernandes, L. E. Garske, T. C. Gouhier, A. J. Haupt, K. T. Honey, M. F. Hubbard, A. Iles, L. Kara, M. C. Lynch, B. Mahoney, M. Pfaff, M. L. Pinsky, M. J. Robart, J. S. Stewart, S. J. Teck, and A. True. 2011. Observations of internal wave packets propagating along-shelf in northern Monterey Bay. *Geophysical Research Letters*. 38: L01605, 6 pp.
5. Honey, K. T., A. M. Apel, J. Cope, E.J. Dick, A. MacCall and R. Fujita (*in review*). Rags to Fishes II: Quantitative comparison of data-poor methods for fisheries management. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science*, submitted July 2012.
6. Honey, K. T. and X. He (*in preparation*). Application of dynamic SPR and mean weight from marine reserves for information-limited fisheries management. *Canadian Journal of Fisheries and Aquatic Sciences*, to be submitted 2012.
7. Honey, K. T. (*in preparation*). Local-Scale Variation in Dynamic, Nearshore Marine Environments with Implications for Adaptive Sampling Designs and Fisheries Management, to be submitted 2012.

(ii) *Other Publications*

1. Honey, K., R. Baxter, P. Cadrett, M. Gingras, and Z. Hymanson. 2004. IEP Fish Monitoring Program Element Review. Interagency Ecological Program, Department of Water Resources. Sacramento, CA.
2. Honey, K.T. and Z. Hymanson. 2003. California Bay-Delta Authority: Science Symposium on Environmental and Ecological Effects of Proposed Long-term Water Project Operations. Interagency Ecological Program. IEP Newsletter. Summer 2003. Available at: www.water.ca.gov/iep/newsletters/2003/IEPnewsletterSummer2003.pdf.
3. California Bay-Delta Authority, CALFED Science Program writer, 2001-2004, including conference notes for Fish Protection and Central Valley Salmonid sessions at the California Bay-Delta Authority Science Conference 2004 - Getting Results: Integrating Science and Management to Achieve System-Level Responses. Sacramento Convention Center, Sacramento, CA. October 4-6, 2004. Final report available at: <http://science.calwater.ca.gov/events/conferences/index.html>.
4. Fujita, R.M., T. Foran and K.T. Honey. 1997. Can No-Take Marine Reserves Restore the Pacific Groundfishery? Environmental Defense Fund report. Oakland, CA. Also published as part of the Pacific Fisheries Management Council's official record of marine reserve decision-making.
5. Fujita, R.M., A. Kalmer and K.T. Honey. 1999. The Impacts of Fishing on Marine Habitat, Environmental Defense Fund report. Oakland CA.

d. Synergistic activities (5 examples)

California Collaborative Fisheries Research Program (CCFRP) scientist in conjunction with fishermen, non-profit organizations, government agencies, and academic institutions including Cal Poly, Moss Landing Marine Labs, and University of California, Santa Barbara. CCFRP involvement arose by serving as an invited Science Expert for Environmental Defense Fund (EDF) in 2009, reviewing and synthesizing the current status of marine science with emphasis on the challenges of nearshore marine reserves and small-scale data collection in collaboration with California fishermen. Project now partially supported by California Sea Grant and Oceans Protection Council (2012 – 2015 grant). September 2009 – present.

NCEAS working group participant for the NCEAS workshop, entitled "Analytic Innovations in Minimum Information Fisheries Management" at the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA. <http://www.nceas.ucsb.edu/crmp> June 2009.

Participant in a collaborative research project between Stanford, EDF, and COBI to develop self-sustaining eco-markets at Isla Natividad, Mexico. In collaboration with fishermen, co-designed and developed new eco-markets to pay for marine reserve monitoring, assessment, and the off-set of opportunity costs from reserve implementation (*e.g.*, cost to fishermen from zero fishing). October 2008 – October 2009.

Teaching Assistant for Dr. F. Micheli (Stanford University) at Hopkins Marine Station for "Synthesis in Ecology: Meta-Analysis and Multivariate Statistical Methods" (275H). Understanding the behavior of complex systems at the community, population and organismal levels is a key objective of community, population, and behavioral ecology and ecophysiology. Taught frameworks for analyzing large datasets, namely approaches to synthesizing and providing insight into complex systems. Winter 2010.

Teaching Assistant for Dr. J. Watanabe (Stanford University) at Hopkins Marine Station for Subtidal Communities (179H/279H). This is a 10-week summer course with intensive subtidal SCUBA fieldwork and laboratories to teach about the physical environmental, marine ecology, and marine community composition in Monterey Bay, CA. Summer 2006.

e. Collaborators & Other Affiliations

(i) *Collaborators over past 48 months (not in publications listed above).*

S. Palumbi, Stanford; R.L. Naylor, Stanford; M. Caldwell, Stanford; A. Kiremidjian, Stanford; R. Hilborn, SAFS, U. of WA; M. Carr, UCSC & PISCO; D. Malone, PISCO; J. Figurski, UCSC; M. McMannis, SOEST Univ of HI; O. Cheriton, UCSC; S. Ralston, NOAA Fisheries; J. Field, NOAA Fisheries; D. Wendt, Cal Poly; D. Moruska, SLOSEA.

(ii) *Graduate Advisors (*Primary Adviser)*

*D. Kelso, Environmental Studies, Santa Cruz, CA (MA); M. Mangel, Applied Math & Statistics, Santa Cruz, CA (MA); B. M. Haddad, Environmental Studies, Santa Cruz, CA (MA); *F. Micheli, Biology, Hopkins Marine Station, Stanford (PhD); R. L. Naylor, Economics, Stanford (PhD); S. G. Monismith, Civil & Environmental Engineering, Stanford (PhD and PhD Minor); M. Carr, Ecology & Evolutionary Biology, UCSC & PISCO (PhD); R. Fujita, Environmental Defense Fund (PhD).