

Name: Elise Granek
Title: Assistant Professor
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Education: PhD, Oregon State University
MES, Yale University, School of Forestry and Environmental Studies
BA, University of Pennsylvania



Major Fields: Marine ecology, conservation biology, mangrove-coral reef interactions, land-sea connections; disturbance ecology, marine conservation science and policy.

Courses: Coastal Marine Ecology, Marine Conservation Science and Management, Environmental Sustainability, Ecosystem Services and Sustainability; Ecological Field Methods: Field Projects; Belize Capstone.

Recent Publications:

- Granek, E.F., J.E. Compton, and D. Phillips. 2009. Mangrove-exported nutrient incorporation by sessile invertebrates on adjacent coral reefs. *Ecosystems* in press.
- Koch, E.W., E.D. Barbier, B.R. Silliman, D.J. Reed, G.M.E. Perillo, S.D. Hacker, E.F. Granek, J.H. Primavera, N. Muthiga, S. Polasky, B.S. Halpern, C.J. Kennedy, E. Wolanski, C.V. Kappel. 2009. Non-linearity in ecosystem services: temporal and spatial variability in coastal protection. *Frontiers in Ecology and the Environment* 7: 29–37.
- Granek, E.F. and B.I. Ruttenberg. 2008. Changes in biotic and abiotic processes following mangrove removal. *Estuarine, Coastal & Shelf Science* 80: 555-562.
- Granek, E.F., E.M.P. Madin, M.A. Brown, W. Figueira, D.S. Cameron, Z. Hogan, G. Kristianson, P. de Villiers, J. E. Williams, J. Post, S. Zahn and R. Arlinghaus. 2008. Engaging recreational fishers in management and conservation: global case studies. *Conservation Biology* 22(5): 1125-1134.
- Barbier, E.B., E.W. Koch, B.R. Silliman, S.D. Hacker, E. Wolanski, J. Primavera, E.F. Granek, S. Polasky, S. Aswani, L.A. Cramer, D.M. Stoms, C.J. Kennedy, D. Bael, C.V. Kappel, G.M.E. Perillo, D.J. Reed. 2008. Coastal ecosystem-based management with non-linear ecological functions and values. *Science* 319: 321-323.
- Granek, E.F. and B.I. Ruttenberg. 2007. Protective capacity of mangroves during tropical storms: a case study from ‘Wilma’ and ‘Gamma’ in Belize. *Marine Ecology Progress Series* 343:101–105.
- Granek, E.F. and K. Frasier. 2007. The impacts of red mangrove (*Rhizophora mangle*) /deforestation on zooplankton communities in Bocas del Toro, Panama. *Bulletin of Marine Science* 80: 905-914.

Recent Research Grants:

- Sea World/Busch Garden's Conservation Fund, PI; Awarded September 2008; \$25,000
- National Geographic Society Conservation Trust Grant, PI; Supplemental grant awarded September 2008; \$5000
- M.J. Murdock /Partners in Science/ Grant, PI; April 2008-March 2010; \$15,000
- National Geographic Society Conservation Trust Grant, PI; January 2008-November 2010; \$20,000
- OR SeaGrant Program Development Grant, PI; February 2008-February 2009; \$32,594
- NCEAS Working Group “Measuring ecological, economic and social values of coastal habitats to inform ecosystem-based management of land-sea”, Lead PI; 2007- 2009; \$112, 300
- OR Seagrant Program Development Grant 2006, PI; February 2007- February 2008; \$12,701
- NOAA Restoration Center, In-kind support; 2007, \$9272

Professional Activities, Honors & Awards:

- NSF ADVANCE Workshop, Women Evolving Biological Sciences. Selected participant. 2008.
- Society for Conservation Biology: Education and Student Involvement Chair, Marine Section Board of Governors
- Society memberships: Society for Conservation Biology; Ecological Society of America; Western Society of Naturalists; Sigma Xi; Action Comores, International (NGO for flying fox conservation)
- Reviewer: Ecology Letters, Bulletin of Marine Science, Ecological Applications, Environmental Management, Marine Ecology Progress Series.