

# CAROLYN SOTKA

**OBJECTIVE** To promote linkages between ocean science and policy / management, with an emphasis on MPAs, multi-use zoning, fisheries, protected species, and aquaculture.

**EDUCATION** **Rosenstiel School of Marine and Atmospheric Science, University of Miami, FL**  
Master of Arts, May 2001. Marine Affairs and Policy.

**University of Vermont, Burlington, VT**  
Bachelor of Arts, May 1994. Major: Zoology. Minors: Wildlife Biology and Cultural Anthropology (Included a semester with the School for International Training in Tanzania).

**EXPERIENCE** **Communication Partnerships for Science and the Sea (COMPASS), Pacific Grove, CA**  
*Project Coordinator* March 2003 - present  
Lead and assist with the development and implementation of projects linking marine conservation science to policy with an emphasis on marine protected areas (MPAs) and aquaculture. State and Federal level projects include: generate and facilitate letters of scientific comment; translate and transmit relevant science to the public, policy-makers and the media; advise scientists on ocean policy; and advise NGOs on mobilizing credible, scientific input. In addition, organize workshops and informal briefing sessions to the State legislature and staff, such as "Protecting California's Coast and Ocean: Luncheon Briefings on Science and Policy". COMPASS is a partnership between Monterey Bay Aquarium, SeaWeb, Island Press and a Board of Scientific Experts.

**Stanford University, Hopkins Marine Station, Pacific Grove, CA**  
*Conservation Projects Manager, Dr. Stephen Palumbi's Laboratory* Oct. 2002 - present  
Lead outreach and policy efforts related to ongoing science projects in Dr. Palumbi's laboratory. Projects include: co-author of "*Refuge at China Point: Biography of a Marine Reserve*", the natural and cultural history of the one of the oldest MPAs in the U.S.; coordinate a section of PISCO's (Partnership for Interdisciplinary Studies of Coastal Oceans) "Coastal Connections III", a publication that summarizes the science of coastal dynamics of western North America; act as a liaison between academic institutions / NGOs and Hopkins Marine Station; and generate a reference library of science conducted at the Hopkins no-take Marine Reserve.

**New England Aquarium (NEAq), Boston, MA**  
*Conservation Associate, Division of Global Marine Programs*, June 2001 – Sept. 2002  
Assisted in the development and management of Sustainable Fisheries Initiative (SFI). Co-wrote proposals that successfully funded the EcoSound Project, dedicated to working with the seafood industry to promote the sustainability of seafood that are sold in retail stores/restaurants. Developed methodology and implemented criteria to evaluate the sustainability of global fisheries in order to influence large-scale buying patterns. Responsibilities included: supervised research assistants/interns; wrote grant proposals, press releases and fact sheets; created and implemented strategic plans; represented NEAq at conferences.

**National Marine Fisheries Service, NOAA Beaufort Laboratory, NC**  
*Fisheries Liaison, Cetacean and Sea Turtle Team*, May 2000 – June 2001  
Synthesized data on real-time and historical commercial fishing effort and marine mammal / turtle strandings and interactions. This position required management and analysis of large databases and cooperation with multiple agencies and fishing communities. Responsibilities included: the preparation of technical documents; coordination of aerial surveys to monitor fishing effort; development and management of an observer program and knowledge of State and Federal fisheries and protected species policies.

**Duke University Marine Lab – Talent Identification Program, Beaufort, NC**  
*On-Site Coordinator of Marine Science Educational Programs*, June - July 1999, 2000  
Supervised an academic and residential staff of 13 and student body of 80. Responsibilities included: orientation; staff evaluations; assisting with the development of program materials and policies; students' academic and medical issues; and managing finances including ordering supplies, inventory and budget.

## Carolyn Sotka

Stanford University  
Hopkins Marine Station  
Oceanview Boulevard  
Pacific Grove, CA 93950  
Voice: 831-655-6210  
csotka@stanford.edu

**Duke University – Talent Identification Program, Costa Rica***Teaching Assistant, August 1999*

T.A. for field studies course on tropical ecology in partnership with the Organization for Tropical Studies (OTS). Led and co-led class discussions plus group and independent studies, on the ecology of tropical rainforests, dry and cloud forests and coastal ecosystems.

**Duke University, Durham, NC***Teaching Assistant, Department of Biology, January – May 1999*

Led intensive seminars and laboratory exercises for 30 undergraduate biology majors for the introductory biology class. This position required development of seminar and laboratory lectures and grading of all materials. Material covered basic principles in cell and molecular biology, energy transport, development, physiology, genetics, micro-evolution, macroevolution, and ecology.

**Duke University Marine Lab – Talent Identification Program, Beaufort, NC***Instructor, June – July 1998*

Designed and instructed a 3-week course focused on an introduction to marine ecology. Material ranged from basic oceanography, classification, and communities to human use of marine resources. Lecture and field/lab experiments emphasized collection techniques and the scientific method. Also, supervised Teaching Assistant and advised students.

**National Marine Fisheries Service, Long Beach, CA and Cape Hatteras, NC***Fisheries Observer, July 1997 - May 1998*

Observer aboard commercial gillnet fishing vessels for cruises one to twenty days in duration. Responsible for monitoring catch size and composition, characterization of catch length frequencies, age structure and collection of socioeconomic and protected species interactions data. Performed numerous necropsies and collected samples from the incidental catch of shark and marine mammals.

**Marine Science Consortium, Wallops Island, VA***Pre-college Instructor, March 1997-July 1997*

Led 6th-12th graders through a series of 3-day lecture and field oriented programs in chemical oceanography and the ecology of barrier islands, dunes and wetlands. Conducted otter trawls and plankton collection on the R/V Limulus, identified taxonomy of local marine invertebrates, and maintained saltwater aquarium system.

**National Park Service, Hawaii Volcanoes National Park, HI***Research Assistant, September 1996 - December 1996*

Monitored and collected data on the endangered Hawksbill sea turtle nest sites. Responsibilities included nest observation, excavation, hatchling assistance and predator control.

**National Biological Service, Hawaii Volcanoes National Park, HI***Research Assistant, July - September 1996*

Studied the effects of avian malaria on endangered forest birds. Duties included mosquito collection, processing biological samples, bird banding, mist netting, handling, necropsy and aviary care.

**Marine Mammal Center, Golden Gate National Recreation Center, CA***Animal Care Crew Member / Sea Lion Docent June 1995 - June 1996*

Assisted in the rescue, rehabilitation, and release of distressed marine mammals. Duties included feeding, weighing and assisting with medical procedures. Sea Lion, harbor and elephant seal handling. Assistance with radiotelemetry and pinniped tagging. Also acted as a public educator and conducted California Sea Lion censuses.

**Chumbe Island Coral Park, Zanzibar, Tanzania***Marine Reserve Assistant, June - August 1993*

Compiled a report from dozens of interviews examining local fishers' reaction to the establishment of a coral reef marine reserve offshore of Zanzibar Island.

# CAROLYN SOTKA

**PUBLICATIONS** **Steve, C.**, J. Gearhart, D. Borggaard, L. Sabo and A.A. Hohn. 2001. Characterization of North Carolina commercial fisheries with occasional interactions with marine mammals. NOAA Technical Memorandum NMFS-SEFSC-458. 60pp

Stone, G., L. Madin, K. Stocks, G. Hovermale, P. Hoagland, M. Schumacher, **C. Sotka**, and H. Tausig. 2003. Case Study: Seamounts. In *Executive Summary, Defying Ocean's End Conference: An Agenda for Action*. [www.defyingoceans.org](http://www.defyingoceans.org)

## SKILLS

Program/project development and management  
Grant writing and administration  
Curricula development and teaching  
Technical document preparation and editing  
SCUBA-certified (Open Water, Advanced and Rescue)  
Spanish language proficiency  
Computer software experience: Microsoft Office (Word, Excel, Power Point, Access), ESRI Arc View GIS, Adobe Photoshop, Papyrus, EndNote

## REFERENCES

**Dr. Stephen Palumbi**  
Stanford University, Hopkins Marine Station  
Professor of Biological Sciences  
831-655-6210  
[spalumbi@stanford.edu](mailto:spalumbi@stanford.edu)

**Dr. Jane Lubchenco**  
Oregon State University, Department of Zoology  
Wayne and Gladys Valley Professor of Marine Biology  
OSU Distinguished Professor of Zoology  
541-737-5337  
[lubchenco@oregonstate.edu](mailto:lubchenco@oregonstate.edu)

**Dr. Aleta Hohn**  
NOAA Center for Coastal Fisheries and Habitat Research, Beaufort NC  
Leader, Cetacean and Sea Turtle Team  
252-728-8797  
[aleta.hohn@noaa.gov](mailto:aleta.hohn@noaa.gov)

**Dr. Daniel O. Suman**  
University of Miami, Rosenstiel School of Marine and Atmospheric Science  
Associate Professor of Marine Affairs and Policy  
305-361-4685  
[dsuman@rsmas.miami.edu](mailto:dsuman@rsmas.miami.edu)

**Dr. Michael Orbach**  
**Duke University Marine Laboratory**  
Professor of Marine Affairs and Policy and Director, Duke Marine Laboratory  
252-504-7606  
[mko@duke.edu](mailto:mko@duke.edu)