

Wendy I. Wiltse, Ph.D.



PROFILE

I am a marine ecologist with 32 years' experience working for US Environmental Protection Agency [redacted] and seeking opportunities to contribute my diverse environmental experience and forward my commitment to conservation of Hawaii's environment and cultural heritage.

JOB EXPERIENCE

Sr. Environmental Scientist, US Environmental Protection Agency (EPA), Honolulu, HI 1997- present

- EPA Region 9's coral reef expert and lead for coral reef protection, drafted region-wide coral protection strategy and served as EPA staff to US Coral Reef Task Force supporting EPA Regional Administrator.
- Responsible for EPA's review of Army Corps dredge and fill permits in Hawaii and US Pacific Islands including harbor improvements, renewable energy, aquaculture, sewage outfalls, shoreline protection structures, beach nourishment, coastal construction, etc.
- Conduct compliance inspections and develop Clean Water Act 404 enforcement cases including high profile cases vs. James Pflueger and City and County of Honolulu.
- Provide technical assistance to EPA and Hawaii Department of Health on watershed programs, drinking water protection, storm water and wastewater programs.
- Oversee competitive grants processes; serve as technical reviewer for proposals and manuscripts

West Maui Watershed Coordinator, Hawaii Dept. of Health and EPA, Lahaina, Maui 1993-1997

Coordinated a community-based effort to address nuisance algal blooms on West Maui shores. Facilitated advisory committees composed of elected officials, Maui County Department heads & staff, farmers, hotels, scientists, native Hawaiians, and concerned citizens. Wrote West Maui Watershed Plan; implemented 70% of recommendations including construction of >30 sediment retention basins and wastewater nitrogen load reductions >60%.

Supervisory Environmental Scientist, EPA Southwest Region, San Francisco, CA 1988-1993

- *Supervisor of Drinking Water Office*, overseeing implementation of Safe Drinking Water Act for 4 states and >100 Indian tribes; supervise 12 engineers.
- *Supervisor of Water Quality Standards Office*, overseeing development and approval of water quality standards for toxics; supervise 9 technical staff.
- Technical staff in Ocean Dumping Program, reviewing dredged sediment test results to determine suitability for ocean disposal, designation of San Francisco offshore Ocean Dredged Material Disposal Site.

Environmental Scientist, EPA New England Region, Boston, MA

1985-1988

Program manager for Buzzards Bay and Long Island Sound National Estuary Programs, overseeing development and implementation of water quality protection programs for significant coastal estuaries.

Assistant Professor, Williams College-Mystic Seaport Maritime Studies Program, Mystic, CT. 1981-1984

Instructor for Oceanography and Marine Ecology classes for college juniors/seniors; Oceanographic training cruises.

Postdoctoral Researcher, Woods Hole Oceanographic Institute, Woods Hole, MA 1978-1981

Impacts of nutrient enrichment on tidal salt marsh.

EDUCATION

Ph.D. Zoology University of Massachusetts, Amherst [REDACTED]
MS Marine Science University of New Hampshire [REDACTED]
BA Biology Denison University [REDACTED]

KNOWLEDGE AND SKILLS

Technical knowledge of Hawaii watersheds (ahupua'a) linking land and water resources, terrestrial and marine interconnections

Coral reef management, protection, restoration and mitigation

Federal, Hawaii, and County permitting processes

Clean Water Act; interpreting rules and regulations

Water quality assessment and management

Drinking water protection and regulation

Writing technical material for non-technical reader

Microsoft computer skills

Public speaking, briefings, technical and lay presentations

Technical reviewer for scientific journals, agencies, and competitive grant processes

MEMBERSHIPS AND COMMITTEES

Maui Coral Reef Recovery Team

Hawaii Coral Reef Working Group

Advisor to Maui Nui Marine Resource Council

US Coral Reef Task Force Steering Committee, Watershed Working Group, Climate Change and Ocean Acidification Working Group, Injury and Mitigation Working Group

Hawaii Chapter Sierra Club

The Nature Conservancy