

## **DEBRA C. COOPER, M.S.**

### **Areas of Specialization:**

Ichthyology, marine biology, marine fisheries, threatened and/or endangered (T&E) species, marine and aquatic ecosystems, seagrass surveys.

### **Experience:**

Associate Scientist III, Breedlove, Dennis & Associates (BDA), Inc., Winter Park, Florida. 2007 to Present.

- Evaluated and completed wetland delineations in Florida and the Southeastern United States.
- Conducted field surveys and censuses for Threatened and Endangered species.
- Conducted vegetation and species monitoring for wetland mitigation areas

Project Manager/Environmental Scientist, Terracon Consultants, Inc., Orlando, Florida. 2005 to 2007.

- Performed protected wildlife assessments following the accepted methodologies of the U.S. Fish and Wildlife Service (USFWS) and the Florida Fish and Wildlife Conservation Commission (FWC).
- Performed wetland delineations using state methodology in accordance with Chapter 62-340 of the Florida Administrative Code.
- Conducted Phase I and Phase II Environmental Site Assessments, National Environmental Policy Act assessments, and Asbestos and Mold inspections.
- Prepared proposals, cost estimates, provided project management, client maintenance, project invoicing, and budget management for a variety of projects
- Generated marketing and sales of environmental services.
- Performed groundwater well elevations surveys and determined groundwater flow based on analytical data.

Biological Scientist II, FWC, Melbourne, Florida. 1999 to 2005.

- Supervised and coordinated the Fisheries Dependent Monitoring program that encompassed marine recreational angler surveys.
- Weighed and measured catch to species.
- Conducted surveys on economic impact of the charter boat industry.
- Trained and supervised regional staff and assigned work schedules.
- Conducted quality assurance/quality control monitoring.

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BREEDLOVE, DENNIS & ASSOCIATES, INC.  
330 W. CANTON AVENUE / WINTER PARK, FLORIDA 32789 / (407) 677-1882 / FAX (407) 657-7008

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- Ensured timely delivery and accuracy of project data.
  - Conducted fisheries independent sampling through the collection of environmental data.
  - Identified fishes, invertebrates, and plant species from the Indian River Lagoon.
  - Conducted professional presentations and public outreach events.

**Education:**

- M.S. Florida Institute of Technology, Melbourne, Florida, 2002. Biological Sciences/Marine Biology.
- B.S. University of South Florida, Tampa, Florida, 1997. Biology.

**Additional Training:**

- Hydric Soils and Wetland Delineation Workshop sponsored by Southeast Soil and Environmental Services, Inc. & Mitigation Marketing LLC, May 19, 2005.
- Wetland Delineation Training instructed by Florida Department of Environmental Protection, November 17, 2005.

**Certifications:**

- Occupational Safety and Health Administration 40-hour Hazardous Waste Operations, Certificate No. 72597 from Compliance Solutions Occupational Trainers, Inc., September 16, 2005.
- Certified Asbestos Hazard Emergency Response Act of 1986 Asbestos Building Inspector No. 7ME092177011013 from Mayhew Environmental Training Associates, September 21, 2005.
- Certified Mold Assessor from National Indoor Environmental Quality Institute, January 20, 2006.

**Associations:**

- Florida Association of Environmental Professionals (2005 to Present)
- Central Florida Association of Environmental Professionals (2005 to Present)

**Presentations:**

*Spawning patterns of tripletail, Lobotes surinamensis, on the Atlantic Coast of Florida.* February 2003. Oral presentation for the Florida Chapter American Fisheries Society, Annual Meeting, Brooksville, Florida.

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