

TIM M. HULL

Areas of Specialization:

Threatened and Endangered species surveys and censuses, field sampling, vegetation monitoring and maintenance reviews, avian surveys, gopher tortoise relocations, restoration planning, environmental constraints reviews, and federal and state permitting.

Experience:

Associate Scientist I, Breedlove, Dennis & Associates, Inc. (BDA), Winter Park, Florida. 2008 to Present.

- Performed data collection, evaluation, and reporting of environmental constraints, and drafted federal, state, and local permit applications.
- Responsible for data collection, preparation and submittal of federal, state, and local permit applications for wetland and surface water impacts.
- Conducted T&E species reviews, wetland determinations, and constraints analyses in central and south Florida; knowledgeable of soil profiles and experienced with identification and description of soil horizons.
- Experienced with performing compliance inspections related to the implementation of Storm Water Pollution Prevention Plans (SWPPP) for development projects in Florida in accordance with National Pollutant Discharge Elimination System (NPDES) requirements.
- Experienced with Global Positioning System field data reconnaissance involving the use of high-end computer data loggers to define wetland limits, transect location, sampling point locations, property boundaries, and navigation parameters.
- Performed monthly downloading of field computer equipment for in-house compilation of water level and rain gauge data.

Environmental Specialist I, BDA, Winter Park, Florida. 2007 to 2008.

- Participated in bald eagle (*Haliaeetus leucocephalus*), southeastern American kestrel (*Falco sparverius paulus*), gopher tortoise (*Gopherus polyphemus*), and sand skink (*Neoseps reynoldsi*) censuses and surveys; knowledgeable of flight behavior monitoring requirements and federal and state regulatory agencies for listed avian species; familiar with gopher tortoise guidelines for censuses including handling and relocation protocols.
- Conducted upland and wetland vegetation monitoring studies including species identification, habitat quality, and vitality for permit compliance reporting and constraints analysis; knowledgeable of nuisance and exotic species identification and maintenance and control plans.
- Knowledgeable of computerized field water level recorder piezometers, maintenance, and troubleshooting.
- Knowledgeable of water quality sampling protocols, analysis, and reporting requirements for surface waters including lakes, ponds, canals, and ditches; familiar with requirements of Florida

Department of Environmental Protection (FDEP) and U.S. Environmental Protection Agency (EPA) Standard Operating Procedures (SOPs).

- Experienced with invertebrate sampling in lakes, streams, ponds, canals, and ditches; knowledgeable of preservative preparation, sampling techniques, preservation and screening criteria, sample sorting, and initial identification of organisms.
- Conducted avian hazard assessments at Orlando International Airport and experienced with fish shocking and seining; collection, preservation, and disposal techniques.

Purchasing Manager, In Bloom Florist, Orlando, Florida. 1992 to 2007.

- Purchased, received, and distributed perishable and hard goods for three retail locations.
- Managed delivery personnel including scheduling and training.
- Maintained maintenance schedule for delivery vehicles.

Internship, Orange County Environmental Protection Division, Orlando, Florida. 2006 to 2007.

- Assisted with water quality sampling and analysis in Orange County lakes, rivers, ponds, canals and ditches; familiar with field kit sample preparation, sampling protocols, and requirements of the FDEP and the EPA SOPs.
- Conducted invertebrate sampling in lakes, streams, ponds, canals, and ditches; knowledgeable of preservative preparation, sampling techniques, preservation and screening criteria, sample sorting, and initial identification of organisms.
- Collected field data pertinent to permitting and compliance cases; knowledgeable of Orange County shoreline alteration and boat dock permitting guidelines; specific duties included data collection pertinent to issuance of shoreline alteration and boat dock permits and permit violations.

Education:

- B.A. Rollins College, Winter Park, Florida, 2008. Environmental and Growth Management Studies.
- A.A. Valencia Community College, Orlando, Florida, 2006. General Studies.

Presentations:

The Ecological Restoration of the Genius Preserve. PowerPoint presentation at Rollins College, April 2007.

The Value of Student/Faculty Collaborative Research. Presentation at the Presidential Leadership Council Dinner, Rollins College, February 2008.