

VIRGINIA K. SOUMAR, B.S.

Areas of Specialization:

Florida Aquatic Ecology, Herpetology, Local Flora, Ecology, Biological Limnology, Animal Behavior, Animal Physiology, Comparative Vertebrate Anatomy, and Vertebrate Evolution and Ecology.

Experience:

Associate Scientist I, Breedlove, Dennis & Associates, Inc., Winter Park, Florida. 2007 to Present.

- Conducted field surveys for state and federally listed threatened and/or endangered (T&E) wildlife species.
- Performed environmental constraints reviews for T&E species, wetlands, vegetative community classifications, and habitat quality.
- Monitored preservation, creation and mitigation areas for permit compliance including identifying plant species, estimating percent coverage, height, diameter at breast height and vitality, water level recorder download and wildlife assessment.
- Interpreted monitoring data to determine achievement of permit-conditioned success criteria and completed monitoring reports for agency submittal.
- Used Global Positioning System field data reconnaissance to define wetland limits, transect location, sampling point locations, property boundaries, and T&E species locations.
- Conducted wildlife monitoring and assessments including southeastern American kestrel (*Falco sparverius paulus*), gopher tortoise (*Gopherus polyphemus*), crested caracara (*Caracara cheriway*), and burrowing owl (*Athene cunicularia*).
- Prepared state environmental permits including Incidental Take Permits, Gopher Tortoise Relocation Permits, and Environmental Resource Permits.
- Maintained the Permit Tracking System for a large central Florida airport using ArcView.

Chemical Analyst, Accutest Laboratories Southeast, Orlando, Florida. 2007.

- Prepared standards and soil and water samples to be analyzed.
- Used FID and ECD gas chromatography instruments and ChemStation software to analyze client samples.
- Interpreted and recorded data according to specific method requirements.
- Performed instrument maintenance when necessary.

Kennel Manager, Petland Orlando East, Orlando, Florida. 2006.

- Supervised kennel staff on cleanliness standards and animal care procedures.
- Maintained detailed health and vaccine records, in accordance with Florida laws, for 80 to 100 puppies and kittens at a time.
- Administered medications and vaccines
- Read fecal floatations using a microscope.
- Assisted veterinarian in constantly striving for perfections in health standards.
- Supplied staff and customers with knowledge of basic animal husbandry for a wide variety of animals.

Veterinary Technician, Econ River Animal Hospital, Orlando, Florida. 2002.

- Assisted veterinarian with examinations and treatments of animals.
- Administered medications and vaccines
- Read fecal floatations using a microscope.

Education:

B.S. University of Central Florida, Orlando, Florida, 2005. Biology.