



JASON R. ADAMS, M.S.
Ecologist

Freshwater and Marine Ecologist, Zoologist

EDUCATION

M.S. Ecology, Jacksonville State University, Jacksonville, AL 2000
B.S. Biological Science, Jacksonville State University, Jacksonville, AL 1994

PROFESSIONAL MEMBERSHIPS & ASSOCIATIONS

South Florida Association of Environmental Professionals (SFAEP)
Association of Southeastern Biologists (ASB)
Estuarine Research Foundation (ERF)
Southeastern Division/Ichthyology and Herpetology (SDIH)
Professional Association of Diving Instructors (PADI)

CAREER SUMMARY

Mr. Adams' career experience began in 1995 when he began working as a field biologist for Barry A. Vittor and Associates an environmental consulting firm in Mobile, Alabama primarily focusing on Gulf Coastal wetlands mitigation. Mr. Adams' scientific expertise is in freshwater and marine ecology, particularly amphibian breeding ecology, wetland plants, and freshwater invertebrates. He has conducted several threatened and endangered species surveys, wetland delineations, and environmental assessments.

Mr. Adams has worked for Everglades National Park (ENP) as a field biologist through the University of Florida conducting research on the ecology of the American Alligator. Mr. Adams was also a field ecologist for the US Army Base Realignment and Closure Committee (B.R.A.C.C.) where he conducted wetland surveys and faunal habitat assessments. In addition, he has also been an undergraduate research scientist for the University of South Alabama surveying endangered sea turtle populations along the Alabama and Florida coast. Mr. Adams has also served as a graduate instructor for 3 years teaching biology, ecology, marine vertebrate zoology, marine behavioral ecology, and marine ecology at both Jacksonville State University and the Dauphin Island Sea Lab while completing his master's degree.

In addition, Mr. Adams has created and taught environmental outreach programs for 5 years and is an accomplished public speaker. He has presented over 13 research papers to various scientific groups including the Association of Southeastern Biologists (ASB), Alabama Academy of Sciences (AAS), and the Alabama Herpetological Society (AHS).

SELECTED PROJECTS

Weston Increment III Wetland Quality Index Monitoring. Served as project coordinator for Background Wetland Quality Index Monitoring at Weston, Florida. This 3 year project was designed to serve as a basis for interpreting trends or anomalies encountered when permit compliance monitoring begins in the Fall 2000. Performed aquatic prey (fish, crustaceans, molluscs), avifaunal, and floral identification and

enumeration, identification and quantification of exotic vegetation, threatened and endangered animal species and wildlife use determinations at 29 stations in the 1500+ acres of restored wetlands.

NEPA/FCC Environmental Compliance Surveys – Omnipoint Communications. Performed NEPA/FCC Environmental Compliance Checklist for sites for proposed cellular towers. Included determinations for wilderness area and wildlife preserves, threatened and endangered species and designated critical habitats, historic places, indian religious sites, flood plains, and surface feature changes.

Florida Department of Transportation (FDOT) NPDES Compliance Monitor. Job responsibilities have included monitoring turbidity and erosion control devices along the ecologically sensitive Oleta River in Miami-Dade County.

FDOT Environmental Permitting Experience. Reviewed FDOT project plans for environmental issues and permit requirements. Performed wetland determinations, delineations, and benthic surveys in coordination with permitting requirements. Have experience completing numerous permits including Environmental Resource Permits, Class I Coastal Construction Permits, Class II Drainage Permits, and Class IV Wetland Permits in Miami-Dade County.

Key West City Electric Systems Environmental Compliance Monitor – Served as Project Coordinator and Environmental Compliance Monitor/Ecologist for the installation of electricity transmission lines in the Lower Florida Keys. Responsibilities have included monitoring turbidity/erosion control devices and quantifying ecological impacts of pole installation to red/black mangroves and seagrass beds.

Wetland Delineation and Determinations – Various Clients. Served as project leader and performed numerous wetland delineations and determinations in Palm Beach, Broward, Miami-Dade, Collier, and Monroe Counties.

Threatened and Endangered Species Surveys – Various Clients. Served as project scientist and performed numerous Threatened and Endangered Species Surveys in Palm Beach, Broward, Miami-Dade, and Monroe Counties.

Burrowing Owl Nest Relocation – Metro-Dade Aviation Department. Served as project scientist for monitoring, permitting, and relocating burrowing owls on a 7-acre parcel at the Opa-locka Airport, Miami, Florida. Conducted burrowing owl nest census of 50 acres to determine burrowing owl nest density. Completed FWFCC Burrowing Owl Nest Removal Permit Application package.

PUBLICATIONS

Adams, J.A. and G.R. Cline. 2004. Upland habitat use of herpetofauna in Northeast Alabama. Biol. Conv. (In preparation).

Adams, J.A. and G.R. Cline. 2004. Call count validation tests for anuran spring breeders of the Fort McClellan Army Base. (In preparation).

Years in Profession: 5