

Job Opportunity

Scientist 4

The Everglades Systems Assessment Section of the South Florida Water Management District (SFWMD) is seeking a Quantitative Estuarine Ecologist with experience in ecological modeling and/or multivariate spatial statistical analysis to investigate the influence of external drivers on the ecological responses of estuarine and coastal floral and faunal communities in Florida Bay and the southern Everglades. The incumbent's specific area of expertise is flexible, but individuals with research interests that link freshwater flows, climate change and ecosystem processes to the distribution, resilience and community structure of coastal habitats are especially encouraged to apply. Through a combination of monitoring, research, and modeling, the Everglades Systems Assessment Section provides the ecological foundation for the management and restoration of freshwater flows to the Everglades and Florida Bay ecosystems.

The position is responsible for multiple duties in support of District priorities including data analysis and synthesis, the development and maintenance of ecological models, the development of ecological performance measures, and management of scientific projects; especially those related to the South Dade Conveyance System and Taylor Slough. The position involves interactions with various interdisciplinary teams both internally and externally, the publication of work in peer-reviewed journals and technical publications, presenting scientific findings to a variety of audiences, and weekly reporting of ecological conditions for Florida Bay. Occasional fieldwork is required.

The SFWMD is looking for candidates with experience in numerical modeling (e.g., using Stella, R, MatLab) and/or spatial analyses and statistics, and GIS platforms (e.g., ArcGIS). Knowledge of and experience working in tropical or subtropical estuarine systems are desirable. The position is based in West Palm Beach, Florida.

Education/Experience Guidelines:
Position may be filled at the Scientist 3 level.

Scientist 4: Bachelor's Degree in Natural or Physical Sciences (Master's degree preferred) and 4+ years of qualifying experience that demonstrates measurable career progression within scientific discipline that can be applied to this job description.

Scientist 3: Bachelor's Degree in Natural or Physical Sciences (Master's degree preferred) and 2+ years of qualifying experience that demonstrates measurable career progression within scientific discipline that can be applied to this job description.

Licenses:

A valid State of Florida Driver's License is required.

Physical Requirements/Working Environment:

Ability to work in estuarine and wetland environments in South Florida. The candidate must be able to swim in coastal and estuarine environments. Ability to trailer and captain a small watercraft is preferred, but not required.

Due to the District's response role and in the total scope of emergency management, this position may at times, be required to provide support before, during and after major storm events and emergency situations, such as hurricanes or other declared emergencies, depending on assigned emergency response role.

Veterans' Preference: Pursuant to Chapter 295, Florida Statutes, candidates eligible for Veterans'

Preference will receive preference in employment for vacancies and are encouraged to apply. Candidates claiming Veterans' Preference must attach supporting documentation with each submission that includes character of service (for example, DD Form 214 Member Copy #4) along with any other documentation as required by Rule 55A-7, Florida Administrative Code. All documentation is due by the close of the job posting.

To Apply

Please refer to Job Reference: [3482BR](#) and to submit an application.



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