

St Johns River Water Management District

Division/Department: Bureau of Resource Evaluation and Modeling

Location: PALATKA

Job Title: Environmental Scientist IV

Job Summary

This is senior level professional scientific work independently performing project coordination, research, analysis, and preparation of technical publications regarding Minimum Flows and Levels (MFLs). Incumbent will be responsible for mentoring subordinate staff.

Job duties include:

- Must have knowledge and technical expertise of wetland soils; soil processes; soil characterization and classification; identification and delineation of wetland hydric soil indicators; hydro-ecological requirements of Florida flora and fauna; MFLs concepts, legislation, and scientific literature; ecological concepts related to aquatic and wetland systems; general hydrologic concepts as they pertain to Minimum Flows and Levels; basic land surveying methods; spatial and temporal databases and software.
- Provides technical assistance to the Minimum Flows and Levels (MFLs) program which may include: applied research efforts designed to define or improve MFLs assumptions, criteria, defensibility and rule language; collection and evaluation of wetland soils and other environmental data associated with MFLs determinations; planning, designing and overseeing for applied research projects to refine MFLs methodology and ensure MFLs compliance; assists Technical Program Manager with various programs and initiatives as well as helping with budget preparation and other administrative duties.
- Analyzes, interprets and documents the results of the minimum flows and levels projects and other assigned high priority projects and programs; develops technical publications (technical reports and scientific papers in peer-reviewed journals, etc.) documenting MFLs concepts, scientific assumptions, applications, and findings.
- Conducts technical evaluations for the recommendation and adoption of minimum levels for priority surface waters per Chapter 40C-8, F.A.C.; completes environmental assessments including the collection, compilation, and analysis of data related to vegetation, soils, and hydrology; writes technical reports describing the scientific rationale for recommended minimum flows and levels. Presents results at public workshops, Governing Board meetings, and litigation procedures.
- Develops scopes of work and associated contract, work order, or purchase order documents, and manages contracts regarding applied research efforts designed to define or improve MFLs assumptions, criteria, or rule language.
- Maintains a high level of expertise in disciplines relevant to minimum flows and levels; attends training classes, appropriate professional symposia and workshops, and reads related scientific literature; oversees the expansion and management of the MFLs literature database located in the District Library.

Minimum Qualifications

A master's degree from an accredited college or university in biology, limnology, chemistry, botany, ecology, environmental science or soil science with environmental science emphasis, and four years experience in natural resource management and publication of scientific papers in peer reviewed scientific journals.

A doctorate from an accredited college or university in biology, limnology, chemistry, botany, ecology, environmental science or soil science with environmental science emphasis, and three years experience in natural resource management and publication of scientific papers in peer reviewed scientific journals.

SJRWMD has determined this to be a mandatory-testing position as described in Section 440.102, Florida Statutes. Any offer of employment for a mandatory-testing position will be contingent upon successfully passing a drug screening paid by SJRWMD. The SJRWMD Drug Free Workplace Policy is available for review in the Careers section at www.sjrwmd.com.

Base salary: \$57,678.40

Starting salary commensurate with selected candidate's competencies and qualifications.

Your application will receive careful consideration and, if selected for an interview, you will be contacted to schedule an appointment. St. Johns River Water Management District participates in E-Verify. E-Verify is an internet based system that allows businesses to determine the eligibility of their employees to work in the United States.

Equal Employment Opportunity/Veterans' Preference/Drug-Free and Tobacco-Free Workplace

Last day to apply: 4/14/2017