

Requisition No: 4099

Agency: Environmental Protection

Working Title: ENVIRONMENTAL SPECIALIST III - 37020590

Position Number: 37020590

Salary: \$60,000.00 - \$65,000.00

Posting Closing Date: 03/31/2017

POSITION DESCRIPTION: The Florida Department of Environmental Protection (DEP), Florida Geological Survey (FGS), is seeking a full-time Environmental Specialist III in Tallahassee, Florida. The successful candidate will perform highly technical hydrological modeling and hydrogeological research, as well as provide similar periodic support to other state agencies upon request and as time permits. A primary duty will be the initiation, administration, and participation in cooperative applied research projects within DEP as well as federal agencies, university systems, water management districts, and regional and local agencies.

Hydrologic modeling expertise is required, including use of MODFLOW. The incumbent will conduct both field and office elements of projects, develop water budgets, prepare water quality monitoring plans, develop appropriate water quality, hydrologic, fate and transport and groundwater models, perform calculations, and prepare correspondence and reports related to the project work. Preferred experience includes development of unstructured grid models in karst terranes and experience in the development of geochemical and reactive transport models. Additional preferred qualifications include knowledge of Florida stratigraphy, especially as it pertains to the state's aquifer systems and field experience as a hydrogeologist.

The successful candidate will apply appropriate modeling techniques to better understand the interaction between surface and groundwater within Florida's karst environment, assess the vulnerability of Florida's karstic aquifers, and apply techniques to characterize nutrient loading, and fate and transport of contaminants. The incumbent will respond to agency and state needs for this information as it relates to protecting human health, safety, and Florida's groundwater resources.

The incumbent will be expected to serve as technical/scientific reviewer of research/grant/contract proposals, deliverables, and publications. Occasional travel will be required to attend meetings or conduct on-site visits related to research projects. It is expected that through scientific literature review and other means the employee will stay informed of recently developed science and technology that may benefit the quality and value of ongoing Florida geoscience projects and help address environmental concerns. Additional responsibilities include insuring that project proposals and data gathered meet the needs and standards of the FGS and DEP, and ensuring that studies follow proper scientific protocol and appropriate data collection and dissemination.

Participation on pertinent national, state, regional and local panels, task forces, conferences, committees, and professional organizations to provide geological and hydrogeological expertise will be

encouraged. The successful candidate will also be expected to review, analyze and assimilate the information and experiences gained by other states and countries for the purpose of applying it to improve Florida's programs and capabilities in managing and conserving its water resources.

SPECIAL REQUIREMENTS: A Florida professional geologist or Florida engineering license is not required during the application process; however, the candidate is expected to pursue a geologist-in-training or engineering-in-training certification within one year of date of employment.

In carrying out the duties of this position, the incumbent is expected at all times to be aware of and abide by the Department's Standards of Conduct, as well as any and all departmental and/or work unit rules, directives, policies, procedures, and/or general orders applicable to performing the duties of this position.

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of hydrologic modeling methodologies and techniques.

Knowledge of the concepts, terminology, principles, and analytical techniques of geochemistry and hydrogeology.

Knowledge of the methods of scientific geochemical and hydrogeological field and laboratory data collection and investigations.

Skilled in the use of personal computers, scientific reference sources and computer software necessary to produce technical reports.

Skilled in analyzing and solving problems.

Skilled in the preparation and presentation of reports, cross-sections, maps and graphs pertaining to hydrogeology.

Ability to prepare project proposals and funding applications.

Ability to manage and lead projects in a collaborative team environment

Ability to analyze and interpret geological data in general and hydrogeological and geochemical data specifically, and integrate such data into appropriate models for the study of contaminant transport and groundwater geochemical interactions.

Ability to plan, organize and coordinate work assignments ensuring timely completion of work without the need of close supervision.

Ability to communicate effectively and courteously, with colleagues, with resource managers, and with non-technical audiences both orally and in writing.

Ability to establish and maintain effective working relationships with others.

Ability to work independently as well as within small and large groups.

Ability to understand and apply applicable rules, regulations, policies and procedures.

Ability to serve as subject matter expert.

Ability to travel and work in excess of 40 hours per week when required.

Ability to maintain a valid driver's license.

Advertised salary range provides maximum allowable salary for this position.

APPLICATION INSTRUCTIONS: Candidates should submit the following through the state of Florida People First system <http://jobs.myflorida.com/index.html>:

- 1) State of Florida Application
- 2) Cover letter specifying interest in this position
- 3) Curriculum vitae or resume, including at least two references.

Incomplete application packages will not be reviewed.

TO APPLY: https://jobs.myflorida.com/Environmental%20Protection/job/TALLAHASSEE-ENVIRONMENTAL-SPECIALIST-III-37020590-FL-32303/391516300/?locale=en_US

SPECIAL NOTES: The State of Florida is an Equal Opportunity Employer/Affirmative Action Employer and does not tolerate discrimination or violence in the workplace.

Applicants requiring a reasonable accommodation, as defined by the Americans with Disabilities Act, must notify the agency hiring authority and/or the People First Service Center (1-877-562-7287). Notification to the hiring authority must be made in advance to allow sufficient time to provide the accommodation.

The State of Florida supports a Drug-Free workplace. All employees are subject to reasonable suspicion drug testing in accordance with Section 112.0455, F.S., Drug-Free Workplace Act.

Pursuant to Chapter 295, Florida Statutes, applicants eligible for Veterans' Preference will receive preference in employment and are encouraged to apply. However, applicants claiming Veterans' Preference must attach supporting documentation with each application 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 closing date of the vacancy announcement. For information on the supporting documentation required, click here. Applicants may also fax their supporting documentation to People First at 1-888-403-2110.