



ENVIRONMENTAL CONSULTANT

Begin Application Process

Req No: 37020590-51170484-20150804114501 Agency Name: Environmental Protection

Description:

Working Title: ENVIRONMENTAL CONSULTANT
Broadband/Class Code: 19-2041-03
Position Number: 37020590-51170484
Annual Salary Range: 63,000.00 - \$96,541.03
Announcement Type: Open Competitive
City: TALLAHASSEE
Facility:
Pay Grade/ Pay Band: BB009
Closing Date: 4/30/2016

The State Personnel System is an E-Verify employer. For more information click on our [E-Verify website](#).

OCCUPATION PROFILE

JOB FAMILY: LIFE, PHYSICAL AND SOCIAL SCIENCE

OCCUPATIONAL GROUP: LIFE AND PHYSICAL SCIENCE

OCCUPATION: ENVIRONMENTAL SCIENTISTS AND SPECIALISTS, INCLUDING HEALTH

19-2041

POSITION DESCRIPTION: The [Florida Department of Environmental Protection](#) (FDEP), [Florida Geological Survey](#) (FGS), is seeking a full-time environmental consultant in Tallahassee, Florida. The successful candidate will perform highly technical hydrological and hydrogeological modeling and 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 with federal agencies, university systems, water management districts, regional and local agencies, and with the private sector.

Hydrogeologic modeling expertise is required. The incumbent will conduct both field and office elements of projects, develop water budgets, prepare sediment and 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 the MODFLOW-based groundwater modeling interface Groundwater Vistas and others, familiarity with unstructured grid models such as MODFLOW-USG and experience in the development of geochemical and reactive transport models including the use of U.S. Geological Survey codes PHREEQC, PHAST and others.

Additional preferred qualifications include knowledge of Florida stratigraphy, especially as it pertains to the state's aquifer systems and experience in modeling karstic aquifer systems. The ideal candidate will be proficient in flow and transport and geochemical modeling, well-grounded in the geochemistry of carbonate aquifers, and possess the ability to integrate complex geochemical and hydrogeological data for site-specific and regional research studies. Desirable experience would also include groundwater geochemical modeling and research that furthers our understanding of geochemical reaction fronts and the mobilization of naturally occurring metals within the aquifer rock during recharge.

The successful candidate will apply appropriate modeling techniques to studying the interaction of surface and groundwater within Florida's karst environment and assessing the vulnerability of Florida's karstic aquifers, as well as predicting contamination plume migration, 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 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 keep informed of recently developed science and technology that may benefit the quality and value of ongoing Florida research projects. Additional responsibilities include insuring that project proposals and data gathered meet the needs and standards of the FGS and FDEP, 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 natural resources.

SPECIAL REQUIREMENTS: A Florida professional geologist license is not required during the application process, but will be required within one year of

date of employment. A successful candidate with the necessary education and experience, and meeting the other qualifications of the state licensing board, may sit for a professional licensing exam after accepting 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 the concepts, terminology, principles, and analytical techniques of geochemistry and hydrogeology.
 - Knowledge of hydrogeological modeling methodologies and techniques.
 - 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.
 - Ability to obtain and maintain a Florida Professional Geologist license.
- Successful candidates are normally hired at the lower end of the salary range. Upward salary adjustments commensurate with experience may be considered.

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.

CLOSING DATE: All applications must be submitted by 11:59 P.M. EDT on March 31, 2016.

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 others 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.

Refer this Vacancy to a Friend

Begin Application Process

Return to Vacancy List

For assistance, call the Service Center at (877) 562-7287