

LAKE WORTH DRAINAGE DISTRICT

JOB POSTING

Senior Geospatial Analyst/Programmer

General Description:

Senior level geospatial analyst/programmer responsible for supporting ESRI desktop and server products. Develops, deploys, maintains data entry environments for permit polygons, conveyances in parcel fabric, and dynamic segmentation for canal work orders. Automates analytical and processing tasks using scripting language and tools such as .NET, C#, Python and Model Builder. Work is performed under general supervision of the IT/GIS Manager. The GIS Section is responsible for the management of the District's Conveyance Parcels, Canal Centerlines, and Permit Polygons. In addition, the section is responsible for maintaining approximately 30 layers in the enterprise geodatabase as well as providing other geospatial related products and services.

Essential Job Functions:

- Provide consulting in best practices for data management including workflows, tools, governance models, and integration patterns.
- Demonstrates proficiency in geospatial analysis and data modeling.
- Demonstrates and maintains proficiency with current and developing technologies and software related to geospatial analysis.
- Designs and implements geospatial data processing, analytical, and maintenance procedures.
- Develops various types of maps and related data sets.
- Due to the District's emergency response role, position may be required to provide support before, during and after major storm events and emergency situations
- Performs other related work as required

Minimum Qualifications

Knowledge, Skills, and Abilities

- Experience with ESRI ArcGIS Software including Desktop and Extensions, ArcSDE technology, and ArcGIS Server.
- Expertise in configuring data editing environments using COTS or developing custom data entry tools.
- Expertise in geodatabase administration including versioning and schemes.
- Expertise in map publishing and the creation/maintenance of data services.
- Fluency in scripting languages and tools such as: .NET, Python, ArcPy, SQL, or other spatial data processing tools.
- Knowledge of ESRI production editing and mapping suite of tools including: Data Review, Workflow Manager, Task Assistant Manager.
- Experience producing quality cartographic products using ESRI/AutoCAD products.
- Strong oral and written communication skills.
- Ability to work independently as well as part of team with excellent time management skills to ensure deadlines are met.
- Strong active listening, feedback and problem solving skills.

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Education and Experience:

- Bachelor's degree in Geographic Information Systems, Computers Science, or other related field. At least 5 (five) years providing geospatial analysis and programming services demonstrating measurable technical career growth.

Licenses:

- GIS Professional (GISP) preferred
- Valid Florida Driver's License

Job Grade 115: Min. \$54,018; Mid \$71,573

This job may be filled at the lower level.

Interested candidates should submit an application or resume to Melissa Wheelihan by one of the following methods:

- Email: MWheelihan@lwdd.net
- Fax: 855-327-4846
- Mail: Lake Worth Drainage District
Attention: Melissa Wheelihan
13081 S. Military Trail
Delray Beach, FL 33484

To obtain an application, please visit the District's website at www.lwdd.net. Click on "Contact" and then "Job Opportunities" and download the application located in the right-hand menu.

Lake Worth Drainage District is an Equal Opportunity Employer and does not discriminate because of age, color, disability, ethnicity, marital or family status, national origin, race, religion, sex, sexual orientation or any other characteristic protected by law. Preference in appointment will be given to eligible veterans and spouses in accordance with applicable law. A Veterans' Preference Information form is available upon request.