

**St. Johns River Water Management District**

<https://www.sjrwmd.com/jobs/>

**Job Title: Engineer I**

**Division/Bureau: Bureau of Water Shed Management and Modeling**

**Location: Palatka, FL**

**Job Summary:**

This is entry level work supervised by a Professional Engineer or Engineer Scientist in surface water modeling studies for the development of management strategies to protect and enhance water.

**Job duties include:**

- Acquiring and analyzing hydrologic and water quality data from District's database or other sources, maintaining and updating water quantity and quality simulation models, developing data sets for model boundary conditions, setting up model input files, and using ArcGIS to develop the maps and data for model development.
- Performs model simulations using existing surface water models to generate simulation results for water quantity and water quality studies. Evaluates model results from different models and model scenario runs.
- Applies mechanistic hydrology, hydraulic, hydrodynamic, and water quality models to less complex watersheds and surface water bodies. Calibrates models and assesses model calibration through graphical and statistical methods.
- Performs statistical analyses on collected data and simulated results.
- Write technical reports and memos related to model documentation, project proposals, work orders, progress reports, and other related program tasks.

**Minimum Qualifications:**

A bachelor's degree from an accredited college or university in environmental, civil, hydraulic, agricultural or water resource engineering.

**Additional Details:**

Base Salary: \$42,494.40

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: 12/06/2017