

Position open to both Internal and External Applicants

Position Opens: 10/27/14

Position Closes: 11/07/14

Full -Time Position

Exempt Status

**EDWARDS AQUIFER AUTHORITY  
JOB POSTING - PVA# 12-14**

**POSITION:** Aquifer Data Management Supervisor

**REPORTING SUPERVISOR:** Director

**DIVISION:** Aquifer Management Services

**DEPARTMENT:** Modeling & Data Management

**ANNUALIZED SALARY:** \$65,795.60

**BASIC FUNCTION:**

Supervises and coordinates the data management activities that support scientific investigations and technical analyses of the Edwards Aquifer.

**DESCRIPTION:**

Coordinates the development and implementation of a data management program for data collected to support aquifer scientific studies and technical analyses, including aquifer water levels, well pumping volumes, water quality analyses, rainfall and weather station data, stream flows, spring flows, and geologic and geophysical data; interfaces with other departments to facilitate their access to high-quality data; coordinates with the Information Technology department to advise on computer hardware and software resources needed for effective data management; advises supervisor on best practices for data management and data quality; prepares technical reports and operating procedures; makes technical presentations to inform staff and the general public on data availability and access; develops database queries to access data in required format and content; uses geographic information systems (GIS) to evaluate and display data in a spatial context; may participate in field data collection, analysis, and interpretation; contributes to the annual planning and budgeting process; supervises staff; and performs other duties as assigned by the supervisor.

**EDUCATIONAL/EXPERIENCE REQUIREMENTS:**

Master's degree Computer Information Systems or Geographic Information systems, or closely related field; plus minimum of two years' experience in data management is required, of which one year must be in a supervisory capacity; or Bachelor's degree plus minimum of four years' experience in data management is required, of which one year must be in a supervisory capacity; knowledge and experience with SQL programming language is required; knowledge and experience using geographic information systems, preferably ArcGIS, to visualize, process, and evaluate data in a spatial context is also required; some familiarity in programming with HTML, PHP, or ASP.net to support data access through web interfaces or web services will be a strong plus; experience using other programming languages such as Visual Basic, C#, C++, or Python to process and evaluate data, and familiarity with real-time data collection systems are preferred; must possess excellent written, oral, time management and organizational skills and the ability to exercise initiative, independent judgment and responsibility; a valid driver's license; and ability to operate a motor vehicle.

**PHYSICAL REQUIREMENTS:**

Job performance may require: listening, seeing, sitting, talking; occasional reaching, grasping, lifting, handling, pulling or pushing, balancing and carrying of items such as boxes of materials, books, etc. with weights not exceeding 25 pounds; limited walking, standing, stooping, and bending; some irregular hours and long workdays and moderate levels of stress. Job is performed primarily in an office environment with infrequent trips to other offices and limited exposure to weather conditions.

**Applications will be accepted through 4:30 p.m November 7, 2014. Completion of an application is required. Applications may be obtained from our website, [www.edwardsaquifer.org](http://www.edwardsaquifer.org), at the Edwards Aquifer Authority located at 900 E. Quincy, San Antonio, TX 78215 or by calling (210) 222-2204.**

**EOE/Drug Test Required  
[www.edwardsaquifer.org](http://www.edwardsaquifer.org)**