

POSITION AVAILABLE SENIOR HYDROGEOLOGIST/MODELER



United Water Conservation District (UWCD) has an opening for a **Senior Hydrogeologist / Groundwater Modeler**. This full time position would be based in our Santa Paula, CA office with work assignments anywhere within the **UWCD** boundaries. This position is **available beginning in July 2012**.

The successful candidate for this position will be the lead professional for groundwater modeling activities, but will also participate in other hydrogeological studies and investigations (e.g., surface geophysical investigations, hydrostratigraphic definitions, aquifer test analyses, interpreting borehole geophysical data, and geochemistry) in accordance with their expertise and experience.

Duties of the Senior Hydrogeologist / Groundwater Modeler

General duties would include, but not necessarily be limited to:

- ◆ Compile and analyze data on groundwater and surface water conditions associated with groundwater basins within the District;
- ◆ Takes lead role in development of Ventura Regional Groundwater Flow Model that will simulate groundwater flow and surface water/groundwater interaction in eight basins in the District;
- ◆ Development of basin and project-specific groundwater flow model(s);
- ◆ Assist with non-modeling hydrogeologic studies and investigations and prepare various technical reports;
- ◆ Assist with maintenance of several databases (e.g., water levels, water quality, well locations, pumping, stream flow); and
- ◆ Prepare geologic cross-sections, isopach maps, structure contour maps, recharge estimates, aquifer properties, etc.

Qualifications of the Senior Hydrogeologist / Groundwater Modeler

The ideal candidate for this position would have the following *minimum* qualifications:

- ◆ BS Geology, Hydrogeology, Hydrology or related discipline with emphasis on groundwater modeling. Graduate degree preferred;
- ◆ Minimum of 8-10 years of experience with groundwater modeling programs/studies;
- ◆ CA Certified Hydrogeologist credential preferred, but CA PG with capability to get CHG credential considered;
- ◆ Knowledge of geologic concepts including stratigraphy, geologic structure, groundwater occurrence and flow, and geochemistry;
- ◆ Skilled in quantitative hydrogeology and experience with various groundwater modeling software packages;
- ◆ Experience with model development, calibration, and application including manual and automatic model calibration;
- ◆ Software proficiency with ArcView 10 and related database maintenance, Surfer, MS Word, Excel, Access, Powerpoint; and
- ◆ Excellent written and verbal communication skills; good computer skills are required.

Salary and Benefits

This position has a salary range of \$98,011.28 (step 1) to \$119,133.34 (step 5). **UWCD** offers comprehensive medical and retirement benefits, including employer paid PERS retirement plan at a rate of 2.5% per year of employment at age 55.

Qualified candidates are encouraged to send a resume to:

United Water Conservation District

Mr. Tony Morgan, PG, CHG
Groundwater Department Manager
106 N. 8th Street, Santa Paula, CA 93060
tonym@unitedwater.org

Resumes may be submitted via email and will be evaluated on a weekly basis. Resumes will be accepted until the position is filled.