

Hydrologist/Water Resources Scientist or Engineer

We are now seeking applicants to join our team as a hydrologist/water resources scientist or engineer. This permanent position is well suited for an individual strong in surface and near-surface water hydrology and hydraulics and that thrives operating at the interface of science and engineering. The position involves working closely with small teams to design and implement pilot and full-scale solutions within the fields of surface and groundwater resources, habitat restoration, and mine reclamation. The intent is that this position be based in Phoenix or Tucson, Arizona; however, we will consider other locations for the ideal candidate.

Responsibilities for this position include:

- Apply knowledge of hydrologic processes and use data sets to describe surface water and/or unsaturated flow.
- Numerical modeling of surface water hydrology, open channel hydraulics, and/or vadose zone flow processes.
- Perform calculations to design reclamation soil covers, riverbank protection, and/or channel geometric design.
- Develop engineering design drawings and specifications.
- Undertake field work for investigative and monitoring purposes. Field work may include soil and sampling and logging; surface and groundwater sampling; and the installation and monitoring of surface water and vadose zone instruments.
- Communicate with geochemists, hydrogeologists, hydrologists, ecologists, engineers and other professionals in related fields.
- Create reports for clients which can be understood by people who don't necessarily have a technical background.
- Work within established health and safety guidelines.

The position requires:

- MS in civil engineering or a natural sciences field related to water resources.
- Excellent writing skills and knowledge of standard computer software (i.e. MS Office).
- Travel to project sites both within the United States and South America.
- Independent thinking and the ability to work with minimal supervision.

Positive factors that will be considered for this position include:

- Numerical modeling (e.g., HEC-RAS, FLO-2D, GoldSim, Hydrus)
- GIS analysis;
- Computer programming (e.g., Python)
- EIT or PE in Civil Engineering or related discipline
- Written and spoken fluency in Spanish and English

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Please send resume and three references to nwhaws@gsanalysis.com