Hydrologist / Water Resources Engineer

MBK Engineers is seeking a hydrologist or water resources engineer with strong technical skills and model development and programming experience to support our reservoir operations and hydrology team.

Location:
Sacramento, CA

Job Duties:

- Oversee and execute technical projects and assignments and work with and manage support staff on those assignments;
- Conduct and review hydrology studies, reservoir operations and hydraulic analysis
- Prepare detailed written memoranda and reports on technical assignments and present technical information to peers and clients;
- Represent client interests on project teams with other consultants and agency personnel.

Desired Skills:

- Knowledge and experience with hydrology and reservoir operations for flood management within California’s Central Valley;
- Strong technical analysis skills, including ability to develop reservoir operations models (HEC-ResSim or custom applications) and develop and interpret hydrologic data;
- Computer programming expertise; experience developing computer scripts and programs to perform analysis and execute complex, time consuming, or repetitive tasks; experience with python, jython, or java programming a plus;
- Excellent communication skills; clear and effective technical writing and presentation development; ability to effectively interact with all levels of staff, project teams, and clients; ability to successfully formulate and execute technical assignments with minimal oversight and direction; desire to acquire and apply new skills and techniques with application to project assignments.

Desired Experience:

- Minimum five years of experience demonstrating skills mentioned above;
- B.S/M.S in Civil Engineering or water resources related field;
- Registered California Civil Professional Engineer or ability to obtain.

Interested parties please e-mail cover letter and resume to jobs@mbkengineers.com.