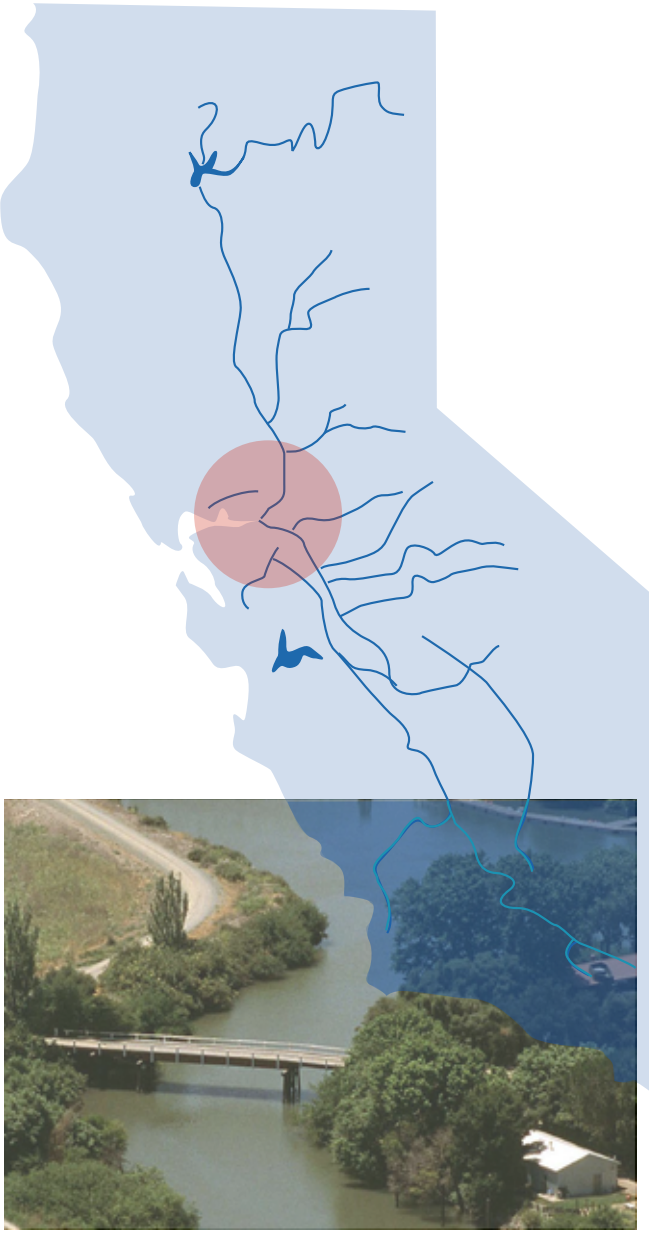
Vacant Position ($4279-7617/mo)
Water Resources Engineer - Computer Modeling
Delta Modeling Section

Bay-Delta Office • California Department of Water Resources

Development and Application of Computerized Mathematical Models in:

- **Particle Tracking**
- **Estuarine Hydrodynamics and Water Quality Simulations**



The engineer in this position will develop, maintain, and apply the **Particle Tracking Module** of DWR's Delta Simulation Model in order to improve the understanding of Delta flow patterns and potential impacts to fish. The engineer will modify and apply the particle tracking model as needed in order to provide technical support for pelagic organism decline research and real-time State Water Project operations.

The engineer also will conduct **hydrodynamic and water quality studies** of the Sacramento-San Joaquin Delta supporting planning and operating the State and federal water projects and enhance, protect, and restore the Bay-Delta system.

Qualifications: 4-year college or graduate degree in engineering, and list eligibility for the Engineer, Water Resources online exam. Knowledge and experience in computer programming and mathematical models.

Final Filing Date: June 18, 2008

For Further Information Contact:
Min Yu, Senior Engineer
(916) 653-5225
minyu@water.ca.gov
http://baydeltaoffice.water.ca.gov

The job description is also available at ***http://tinyurl.com/5lv7fl***