

EDUCATION

- ◆ University of California, Davis
MS in Civil Engineering, 1985
with emphasis in Water Resources
- ◆ University of Santa Clara
BS in Civil Engineering, 1981



PROFESSIONAL LICENSES and SOCIETIES

- ◆ Registered Civil Engineer, California, 40485
- ◆ Member, American Society of Civil Engineers
- ◆ Member, Tau Beta Pi - National Engineering Honor Society

EXPERIENCE

- 1989 - Present MBK Engineers, Sacramento, CA
Civil Engineer
Perform hydrologic and hydraulic studies for flood control, floodplain, hydraulic impact, and levee design analysis. Experience with computer programs HEC-RAS, UNET, FLO-2D, FESWMS, RMA2. Involved in the planning and implementation of water transfers and the quantification of transferred water.
- 1988 - 1989 Dept. of Water Resources, Sacramento, CA
Civil Engineer
Central District, California-Nevada Water Planning and Management Section
Performed operations studies of the Truckee-Carson Rivers system using the Truckee-Carson Operation Model. Compiled and organized data and information for use in Truckee River negotiations.
- 1985 - 1988 Dept. of Water Resources, Sacramento, CA
Civil Engineer
Division of Planning, Hydrology and Water Operations Section
Modified and maintained Department's planning simulation model, DWRSIM. Performed long-range planning studies. Used FORTRAN programming language, CYBER 720 computer and Apollo workstations.
- 1984 - 1985 Dept. of Water Resources, Sacramento, CA
Graduate Student Assistant
Division of Planning, Hydrology and Water Operations Section
Modified the Department's planning simulation model, DWRSIM, through the incorporation of a network flow programming algorithm. Used FORTRAN programming language, CYBER 720 computer and Apollo workstations.

- 1981 - 1983 **Bechtel Inc., San Francisco, CA**
Civil Engineer
Bechtel Power Division
Checked, reviewed and performed dynamic qualifications of nuclear power plant equipment. Prepared documentation for NRC review.
- Jan - Mar 1981 **Woodward-Clyde Consultants, San Jose, CA**
Student Intern
Observed and participated in geotechnical engineering and consulting (36 hours/week).

ACCOMPLISHMENTS

- ◆ Recipient of Edmund C. Flynn Memorial Award, which is given by the University of Santa Clara to the two Civil Engineering students who have maintained the two highest grade point averages through their Junior year.
- ◆ Co-recipient of Regan Memorial Award, which is given by the University of Santa Clara to the outstanding third-year Civil Engineering student.
- ◆ Member of Alpha Sigma Nu, national academic honor society.
- ◆ Member of Pi Mu Epsilon, national mathematics honor society.
- ◆ Co-chairman of University of Santa Clara Engineering Honor Code Committee, 1980-81. Worked closely with faculty and other students in the formation, implementation and enforcement of Engineering Honor Code.