

Statement of Qualifications – Nancy Parker

Education

B.S. Systems Science Engineering, 1985, University of Pennsylvania
M.S. Civil Engineering, 1996, University of Colorado Denver

Professional History

May 1990 – Present

U.S. Bureau of Reclamation – Hydraulic Engineer – Denver Technical Service Center

Development, application, and maintenance of river system planning and operations models. Experience includes projects in every Reclamation region plus int'l assignments in Egypt and Cyprus. Range of modeling environments includes Fortran, Excel, CALIDAD, MODSIM, HYDROSS, and WRIMS.

Notable Reclamation Mid-Pacific Region Modeling Efforts

- Central Valley Project (1994-present)
 - Reclamation lead on initial development of CalSimII and transition from PROSIM
 - Hydrology and water supply analysis for CVP Cost Allocation Study
 - Environmental Water Account EIS
 - Storage Investigation Studies – Shasta Enlargement, Sites, Los Vaqueros, Upper SJR
 - San Joaquin River Restoration Program
 - 2009-2010 RPA Implementation Review
 - Fremont Weir Fish Passage/Habitat Study
 - Development of WRIMS CalLite
 - Development of San Joaquin River in CalSim3
- Klamath Project
 - Klamath Project Planning and Operations Modeling Support 1999-present
- WRIMS/CalSim training provider
 - Numerous formal trainings for DWR/BOR staff and stakeholders
 - 2012 EWRI national conference short course
 - 2016 State Water Resources Control Board short course

1986-1989

U. S. Peace Corps – Zaire (D.R. Congo) – Village Water Technician; Regional Coordinator

1995-96; 2000

American Red Cross – Extended leave from Reclamation for water resources relief assignments in Rwanda and Mozambique

Honors and Awards

California Water and Environmental Modeling Forum Hugo B. Fisher Award, 2012