



WATER RESOURCES RESEARCH GRANT PROPOSAL

Project ID: CA3541

Title: California Water Resources Center WRIP

Focus Categories: Water Quality, Solute Transport

Keywords: watershed, riparian, hydrology, viruses, water management, Water quality

Start Date: 03/01/2001

End Date: 02/28/2002

Federal Funds: \$68,555

Non-Federal Matching Funds: \$128,551

Congressional District: 43

Principal Investigators:

John Letey
Professor, University of California

William Yeh
Professor, University of California

Thomas Meixner
Assistant Professor, University of California

Abstract

The mission of the Water Resources Center is to stimulate and support water and water-related research both within and among the various academic departments and research organizations of the University. The broad research focus includes the conservation, development, management, distribution, and utilization of water resources with a view to their optimum present and future use for the state of California.

Five research projects from various campuses within the University system will share in the grant. They are: William Yeh "Modeling and Optimization of Water Quality in a Large-Scale Regional Water Supply System", Thomas Meixner "Landscape Level Controls on Nitrate-Nitrogen in Forested and Chaparral Catchments of Southern California, Mark Stacey, "Hydrodynamics of Shallow Water Habitats in the Sacramento-San Joaquin Delta, Sunny Jiang "Is Urban Runoff A Source of Human Pathogenic Viruses to Recreational Beach Water?", and Nina Kelly "Examining the Relative Influence of Riparian and Upland Land cover and Land use on Instream Habitat: Improved Methods for the Russian River Basin."