



CALFED Progress Report
California Sea Grant College Program

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Project Information

ProjectNo_2C R/SF-30 StartDate_3a 01/01/08 EndDate_3b 12/31/10
 ProjectTitle_4 Environmental Water: Developing indicators and Identifying opportunities

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Additional Research Mentors and Community Mentors

Additional Research Mentors_8

Additional Community Mentors_9

Project Objectives: Please type your responses, and answer the questions in a style appropriate for laymen.

ProjectObjectives_10

The objectives of this project are to better understand the drivers of decision making for urban water supplies. The fastest growing water user in California is cities. In order to understand the implications of this growth for fisheries, and to develop effective urban water management tools, a better understanding of city-scale decision making is needed. This project has developed a 15-year dataset of urban water production and provision in California using the Public Water System Survey. The data are being analyzed to determine (1) what the patterns of urban water production have been over this time, (2) how institutions and risk influence these decisions over time, and (3) how California water policy can better target the incentives of cities to achieve desired outcomes. In addition, this study examines the influence of institutions and risk on the production of recycled water by California's water agencies. Recycled water is a local source of waters cities can develop. Using recycled water could reduce urban water demand and leave more water available for fish. To better understand how California's system of governance influences the way recycled water is developed Australia is used as a comparative case. While California and Australia share many climatic characteristics, they have very different systems of government. Interviews and policy documents are used to evaluate the way these governance features affect policy outcomes for recycled water.

Summary of progress in meeting each of these goals and objectives

ProgressSummary_11

A 15-year dataset on urban water production and provision in California has been compiled and preliminary analyses have been completed. The data were gathered during from the Department of Water Resources in Sacramento. Additional data on the risk and institutional features of urban water management are being compiled. Policy and institutional analyses for recycled water development has been completed for both California and Australia.

