

## Sacramento – San Joaquin Rivers Basin Study

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The Sacramento-San Joaquin River Basin Study is a partnership between the California Department of Water Resources, California Partnership for the San Joaquin Valley, Stockton East Water District, El Dorado County Water Agency, the Madera County Resources Management Agency and the Bureau of Reclamation. Utilizing broad partner and stakeholder involvement, the Basin Study will recommend adaptation strategies in response to climate change.

The Sacramento-San Joaquin Rivers Basin Study encompasses the entire Central Valley of California with an area of more than 22,500 square miles from the Tehachapi Range in the South to the Klamath Mountains in the north. Approximately 7 million people reside in the Central Valley and it has been one of the fastest growing regions in the State. The Study area includes 3 major basins which are the Sacramento on the north, the San Joaquin in the central portion, and the Tulare Lake Basin on the south. A portion of the Trinity River Basin in Northern California is also included due to water exports from the Trinity River to the Sacramento River. The study area covers extensive areas of national forests, parks and wildlife refuges, irrigated agricultural lands, and many rapidly growing urban areas. The Sacramento and San Joaquin Rivers converge in the Sacramento-San Joaquin Delta which has become a focal point for local, regional and national discussions on environmental protections for the fragile delta ecosystem.

The Sacramento-San Joaquin Rivers Basin Study will assess potential climate change impacts to the Basin's water supplies and demands and will specifically evaluate potential changes to agriculture and urban water supplies, flood control, hydroelectric power generation, recreation, fisheries, wildlife and their habitats, water quality and water-dependent ecological systems. Where negative impacts are found, the Study will identify mitigation or adaptation strategies to address these impacts. The Study will involve a broad spectrum of stakeholders from throughout the Sacramento and San Joaquin basins including agriculture interests, City and County water agencies, water user associations and environmental interests. The Study will also explore potential opportunities for collaboration with the San Joaquin River Restoration Program which was identified as one of two top priorities in California in the America's Great Outdoors 2011 50-State Report. The total cost of the Sacramento-San Joaquin Basin Study is \$2.4 million dollars with a 50/50 cost share between Reclamation and the non-Federal Partners.

