



# CENTRAL VALLEY INTEGRATED FLOOD MANAGEMENT STUDY, CA INVESTIGATIONS

**U.S. ARMY CORPS OF ENGINEERS**

**BUILDING STRONG.**

February 2016

## Location & Description

The Central Valley Integrated Flood Management Study (CVIFMS) is a Watershed Study. The project area for this first phase focuses on the Sacramento River Watershed in the northern central portion of California. The Sacramento River basin covers approximately 26,300 square miles and is approximately 240 miles long and up to 150 miles wide. The basin is bounded by the Sierra Nevada on the east, the Coast Range on the west, the Cascade and Trinity Mountains on the north, and the Sacramento-San Joaquin Delta on the south. The cities of Sacramento, Yuba City, Marysville, Chico, Colusa, Red Bluff, and Redding are all located in the project area.



## Problem & Need

The flood system located in the Sacramento River Basin (project area) protects a population of over one million people, as well as several major freeways, railroads, airports, water supply systems, utilities and other infrastructure of statewide importance, over \$70 billion in assets (includes structural and content value and estimated annual crop production values). The project area is home for numerous endangered species (over 35) and is part of international flyways for migratory birds (Pacific Flyway). The area also includes the only river system in the Nation where all five species of salmon can be found. Sacramento River Basin water is a key resource for two-thirds of the residences throughout California (including San Francisco and Los Angeles), supplying approximately 23 million people. The Central Valley represents one percent of the nation's agricultural land and about ten percent of the Nation's gross agricultural production. The watershed study examines watershed-wide problems, primarily flooding, erosion, water quality, water supply and ecosystem degradation. Although some problems do not fall within the current mission areas of the CVIFMS and the broader Comprehensive Study, the watershed plan includes discussion of these areas and makes recommendations for other appropriate agencies to address them. The Watershed Plan builds off of the Comprehensive Study, which produced a 2003 interim report, and the State of California's 2012 Central Valley Flood Protection Plan (CVFPP). Extensive coordination with Federal, State, local and tribal agencies, as well as public outreach, was conducted to develop a widely supported watershed plan.

## Proposed Activities for FY17

None

<u>Financial Data</u>	<u>Feasibility</u>
FY16 Allocation	\$ 0
FY17 President's Budget	\$ 0

## Issues and Other Information

The first phase of CVIFMS evaluates the potential for Federal interest in the CVFPP for the Sacramento River Basin. The CVFPP, a comprehensive system approach to flood risk management for the Central Valley, is required by California State Bill (SB) 5. The watershed planning process has been integral to updating the system's baseline in light of other recently completed and completing studies such as American River Common Features and West Sacramento General Reevaluations and the Sutter Basin Feasibility Study. The broad update of remaining residual risk and corresponding indications of Federal interest in further risk reduction and ecosystem restoration greatly informed the scope of the Sacramento River General Reevaluation study (started in June 2015) and played a key role in strategic alignment of interagency regional activities. This Watershed Plan is scheduled to be submitted to Congress at the end of FY16 for information and awareness, and will provide a blueprint to connect water resources management actions across the Sacramento, Yuba, American and Feather River watersheds. The second phase of CVIFMS, when funded, will prepare a Watershed Plan for the San Joaquin River Basin.

**Authorization:** Flood Control Act of 1962 (P.L. 87-874); HR 8 May 1964

**Congressional Interest:** Doug LaMalfa (CA-1); John Garamendi (CA-3); Tom McClintock (CA-4); Doris Matsui (CA-6); Ami Bera (CA-7); Senators Dianne Feinstein and Barbara Boxer (CA)

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