

FloodSAFE California is an initiative to improve flood management in the state through a system-wide approach, while carrying out regional projects and enhancing core flood management programs. This requires evaluation of the flood control structure and formulation of system-wide flood protection programs. As the approach is further developed, more FloodSAFE resources will be directed toward carrying out these improvements.

FloodSAFE implementation will be achieved through three parallel processes:

- A system-wide approach where broad system evaluation is conducted to determine flood system deficiencies and define feasible projects/programs to fix those deficiencies by developing a comprehensive, integrated, system-wide flood protection plan (i.e., Central Valley Flood Protection Plan [CVFPP]).
- Undertake regional projects to reduce flood risks, including “Early Implementation Projects” and execution of United States Corps of Engineers (USACE) projects.
- Improve basic flood management functions including emergency response, operation and maintenance of the flood control facilities, and management of the flood plains; fixing erosion sites and carrying out local projects.

INTERNAL PARTNERSHIP

FloodSAFE is a large-scale effort that requires extensive coordination between the Division of Flood Management (DFM) and other DWR Divisions and Offices. Activities are organized under six technical functional areas and a program management functional area. To be credible, it should include be supported by solid technical analyses and evaluations, and solicit extensive public involvement from a broad group of stakeholders.

EXTERNAL PARTNERSHIP

Flood system improvements are undertaken by State, local, and federal agencies. Key partners in the successful implementation of FloodSAFE include the Central Valley Flood Protection Board, California Emergency Management Agency, Department of Fish and Game, U.S. Army Corps of Engineers, Federal Emergency Management Agency, U.S. Fish and Wildlife Service, National Oceanic and Atmospheric Administration, Governor’s Office of Emergency Services, Tribal entities, and many local sponsors and stakeholders.

FloodSAFE California success depends on active participation from a wide array of State, federal, and local agencies.

IMPROVING FLOOD MANAGEMENT IN CALIFORNIA

California must make an investment in its flood management infrastructure over the next 25 years in order to protect public safety. In the Central Valley, the State-Federal levees protect over \$50 billion of infrastructure and more than a quarter of a million people. Tens of billions of dollars worth of properties are protected by levees in the Delta and other parts of the State.



The broad goals of FloodSAFE are to

- Reduce the Chance of Flooding
- Reduce the Consequences of Flooding
- Sustain Economic Growth
- Protect and Enhance Ecosystems
- Promote Sustainability

Integrated Approach

FloodSAFE recognizes the need for a more coordinated approach with regional entities to fulfill integrated flood management projects with multiple objectives. FloodSAFE will achieve: multiple benefits, efficient use of funding, cost minimization through distribution over a wider range of beneficiaries, and broad public support for project funding.

- Cost and resource conservation and effectiveness
- Benefits to include flood protection, ecosystem restoration, farmland protection, groundwater recharge, open space preservation, and others
- Foster partnership, reduce conflicts, and serve the overall public interest
- Achieve cost-sharing in accordance with State law for projects with multiple purposes

FloodSAFE Specific Objectives:

- Attain at least 200-year flood protection for all urban communities in California
- Achieve 1957-level design protection for Central Valley non-urban areas, and assist non-urban areas in meeting their flood protection objectives through non-structural measures (i.e., creating floodways and bypasses, erosion protections, flood insurance measures, etc.)
- Significant environmental support through an integrated flood and environmental conservation approach
- Integrated reservoir operations by implementing reoperation plans to boost flood protection and enhance system-wide water supply
- Reduce flood risk in the Delta by improving levees and through implementation of Delta Flood Emergency Response Facility Project
- Save lives and protect properties through enhanced statewide flood emergency preparedness and response, and improved management of the floodplains and other non-structural measures as appropriate throughout the State

One objective of FloodSAFE California is to attain at least 200-year flood protection for all urban communities