

Principles Guiding Development of the San Joaquin River Basin-Wide Feasibility Study

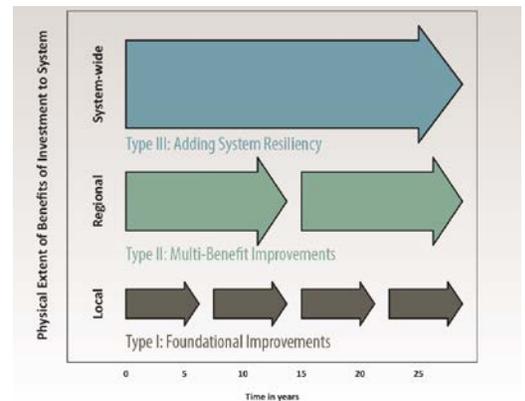
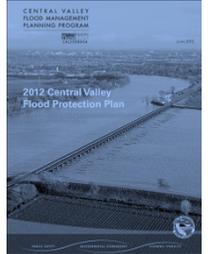
Customize planning approach to best suit the unique flood management needs and water supply/ecosystem restoration challenges and opportunities of the San Joaquin River Basin. The San Joaquin River Basin has predominantly rural-agricultural land use, discontinuous levee network, and no cross-regional bypass system. However, the San Joaquin River Basin faces huge water supply, ecosystem, and subsidence challenges that provide many IWM opportunities.

Stay within the 2012 CVFPP SSIA framework, but study and refine new large-scale actions consistent with the 2012 CVFPP (e.g., transitory storage).

Use a systems approach that identifies a diverse portfolio of recommended actions, but focuses on large-scale actions appropriate for basin-scale planning. The BWFS identified system elements and leveraged ideas from regional plans to develop portfolios of larger-scale, multi-benefit actions. Multi-benefit portfolios were evaluated based on how they function and perform together as a system to capture holistic synergies and interdependencies. Focusing on larger-scale actions ensured planning focused on basin-scale outcomes for the broader system instead of getting overwhelmed by local detail.

Quantify multi-benefit outcomes of all recommended actions. Robust multi-benefit analysis was conducted to demonstrate contributions to CVFPP goals.

Inform, support, and align with the 2017 CVFPP. The San Joaquin BWFS will inform and support assessment of some larger-scale actions, but will be supplemented with other actions from all scales as part of the broader 2017 CVFPP Update.



San Joaquin River BWFS Purpose and Scope

1. Refine the scale and location of major system elements potentially led by the State
2. Inform potential State interest in regional-scale elements led by local agencies
3. Integrate environmental conservation with system-wide and regional-scale flood improvements

Important Clarifications:

- San Joaquin BWFS recommendations only provide planning information and do not result in State cost-share or funding decisions.
- Actions not studied (or not recommended) are not excluded from consideration now or in the future.