

**Potential Flood Control Concepts which can be  
melded with the CALFED Bay-Delta Program Elements**

1. Define the relative roles of offstream storage versus onstream flood storage in the system.
2. Develop a combination of flood management actions, such as set back levees with wide, managed floodways which incorporate habitat enhancements and accommodate agriculture, flood bypasses and additional offstream storage keyed to increased flood reservations on existing reservoirs to provide fuller, more integrated flood protection.
3. Design designated floodways and low set back levees for the Cosumnes River to increase flood protection and provide agricultural reserves and habitat enhancement.
4. Design back levees on the Mokelumne River to increase flood protection and provide habitat enhancement.
5. Design back levees and tidal wetlands for McCormick Williamson Tract, New Hope Tract, Canal Ranch and Bract Tract to increase flood protection and provide habitat enhancement.
6. Investigate a weir and designated floodway system at Bouldin Island for flood protection and habitat enhancement.
7. Investigate a designated floodway adjacent to the Lower San Joaquin River down to Middle River, followed by dredging of a low flow channel to be used for flood protection and habitat enhancement.
8. Investigate whether a set back levee along one side or the other of the Sacramento River from Chico Landing to Verona can provide additional flood protection along with enhanced habitat values.
9. Investigate whether a set back levee along Steamboat Slough and Miner Slough can provide flood protection as well as habitat enhancement.
10. Investigate whether flood easements and riparian easements on the Sacramento River from Red Bluff to Chico Landing can provide flood protection as well as habitat enhancement.
11. Investigate whether set back levees along the west bank of the Sacramento River from Freeport to Rio Vista can provide flood protection as well as habitat enhancement.
12. Investigate whether offstream storage near the Tuolumne River can provide additional flood protection as well as fishery enhancement flows.

13. Investigate whether offstream storage off the Sacramento River (such as the Sites Reservoir or the Thomas Newville Reservoir), combined with an enlarged Shasta Dam, can provide additional flood protection as well as fishery enhancement flows:
14. Investigate whether offstream storage off the Yuba River can provide flood protection as well as fishery enhancement flows.
15. Investigate whether an enlarged Friant Dam can provide flood protection as well as fishery enhancement flows.
16. Investigate whether environmentally beneficial reconstruction of diversions on Butte and Mill Creeks can be incorporated in the flood protection plans for those tributaries.
17. Investigate the long-term flood protection plan can mitigate the loss of spawning gravels caused by the flood.