

California Water Storage Workshop

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Pal Hegedus, P.E., D.WRE

Floodplain Management Association

RBF Consulting



Importance of Storage in Flood Risk Management

- Never Enough
- Comes in Many Different Forms:
 - Off-Stream / On-Stream
 - Floodplain
 - Snow Pack
 - Meadow Restoration
 - Local or Regional Facilities
 - Diversion for Groundwater Recharge
 - Through Re-operation of the Existing System



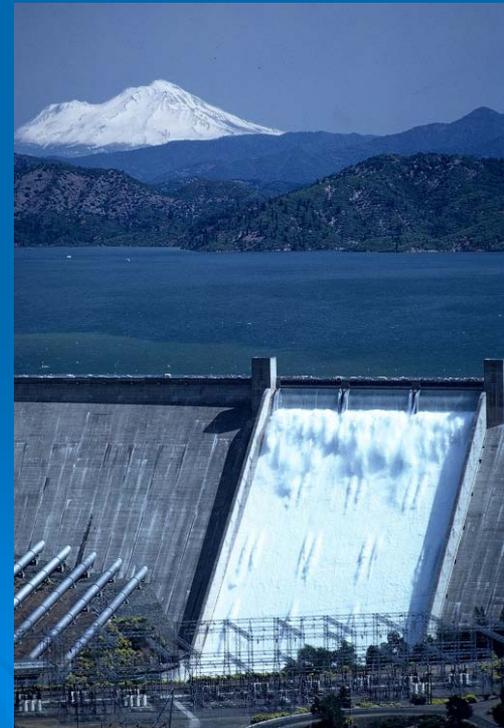
Inherent Conflict Between Water Supply and Flood Management

- We Do Not Speak the Same Language (cfs vs. acre-ft, flow rate vs. volume)



Inherent Conflict Between Water Supply and Flood Management

- Empty Reservoir vs. Full Reservoir
- Carryover Storage Capacity for Drought Years



Important Efforts

- FloodSAFE
 - Water Plan Updates
 - Integrated Regional Water Management Plans (IRWMP)
 - System (Reservoir) Re-Operation
 - Modeling Efforts (Time Step)
 - Uncertainties
 - Changing Hydrology
 - Climate Change
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Questions?

