

CALIFORNIA DEPARTMENT OF WATER RESOURCES

Headwaters to Floodplains:

Flood Safety Partnership



Michael Mierzwa, State Floodplain Manager, CA DWR, Division of Flood Management

H2F: Flood Safety Partnership

HEADWATERS TO FLOODPLAINS

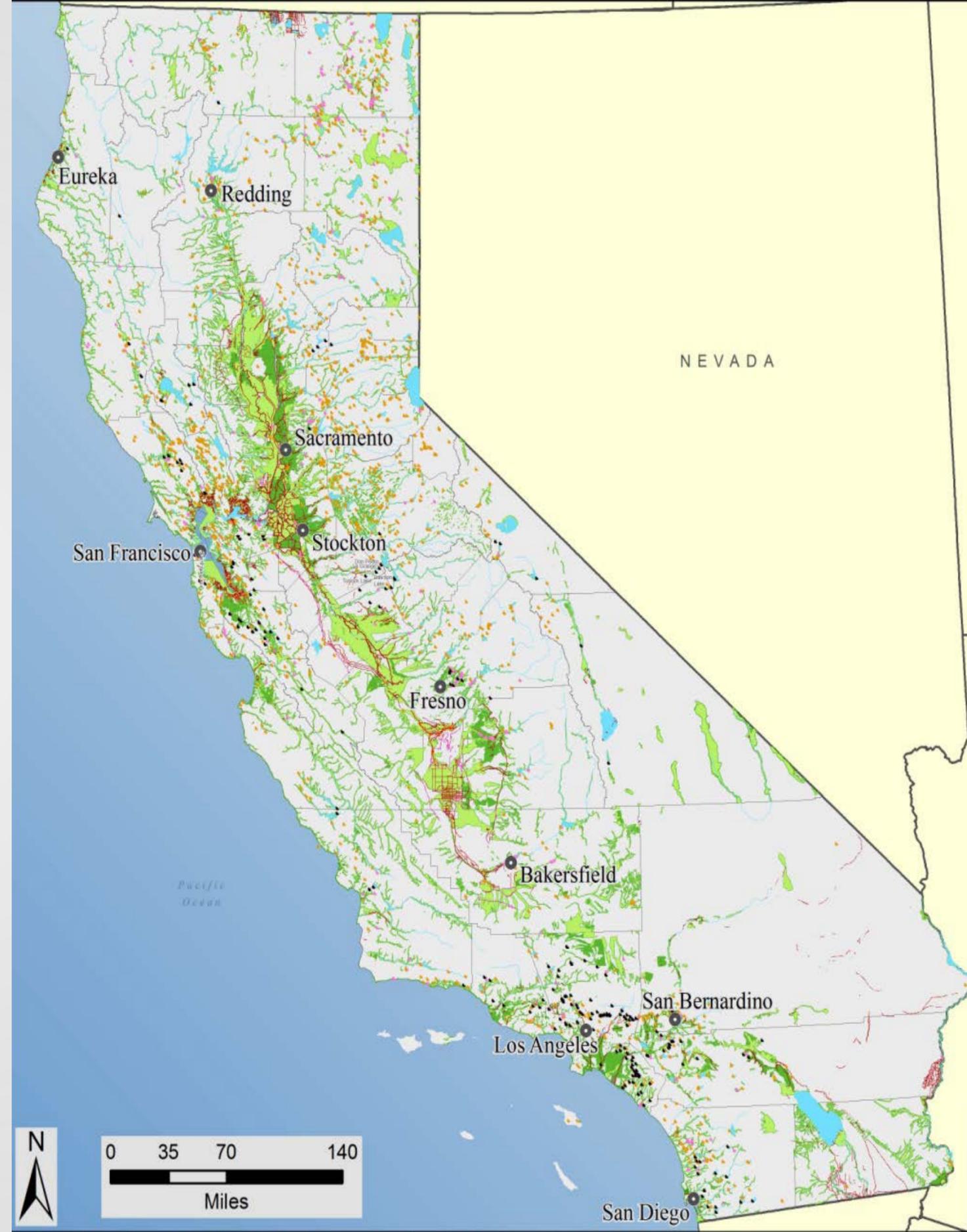
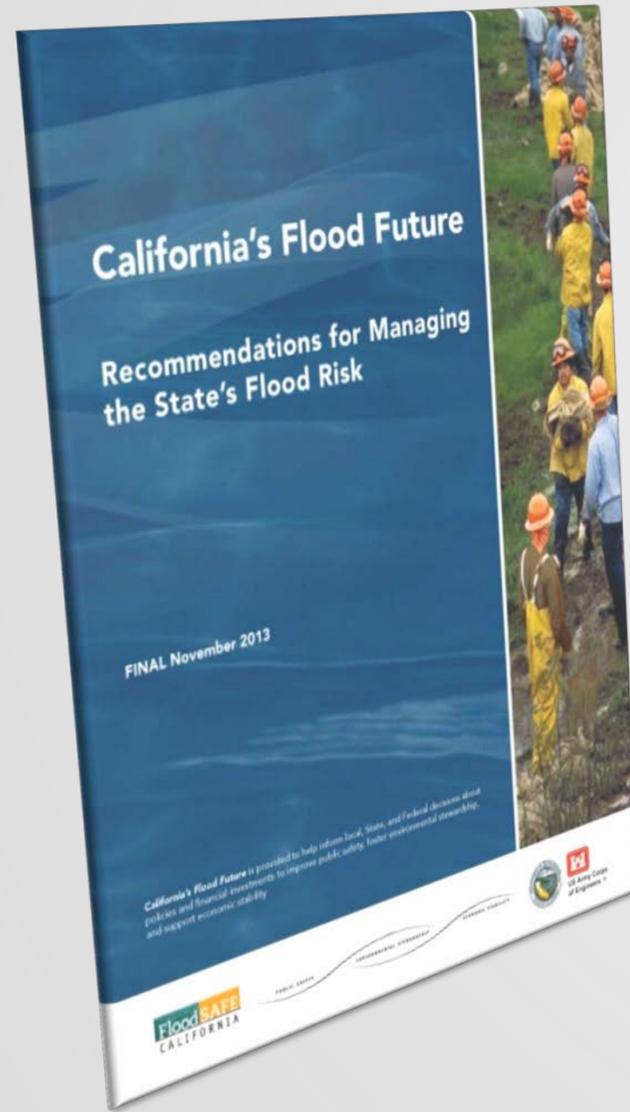
- ✓ Collaborative partnership among public agencies
- ✓ Reduce California's exposure to flood risk and reduce the consequences of flooding

Examples of Typical Flood Hazard Types Varied Across the State

- Most of California's hydrologic regions are exposed to multiple types of flood hazards
- Mitigation measures are often designed to address specific flood hazard types
- Lessons learned in one part of the State can benefit communities in other parts of the State



Previous Effort (2010 – 2013) Focused on Assessing Statewide Flood Risk

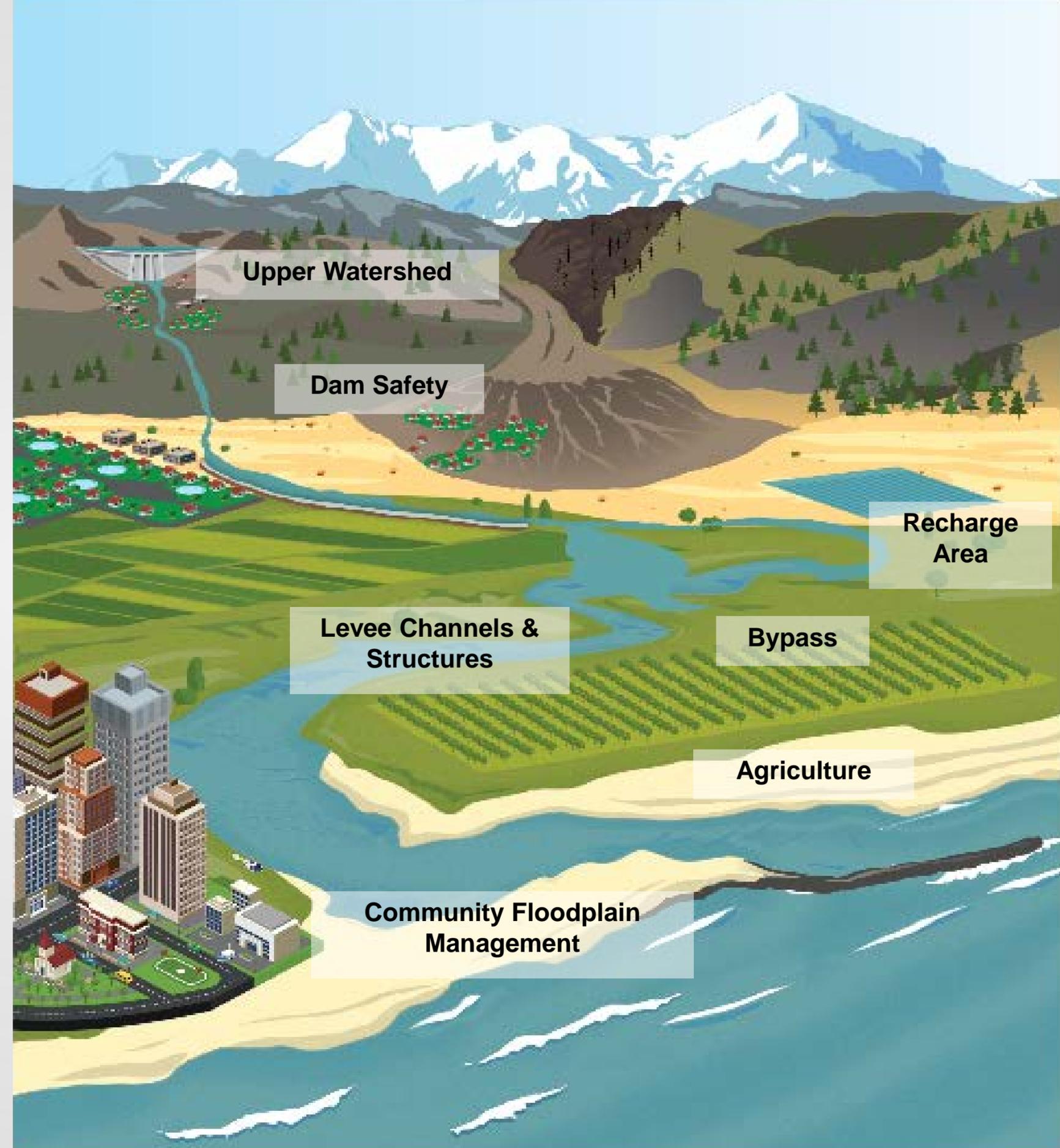


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Flood Management in a Watershed

Challenges and opportunities exist when moving beyond protecting a single asset and considering an entire watershed ...

Thus giving rise to a headwaters to floodplains approach to reducing flood exposure and consequences



Flood Risk Reduction Stairstep & H2F

★ *Activities benefiting from informal partnerships through a headwaters to floodplains (watershed) approach*



Core Principles of the H2F Partnership

What H2F is Not Replacing	Value of Participation
Direct engagement w/ public	Venue for frequent, informal coordination
Disagreements between agencies	A “safe” place to have conceptual discussions & learn from successes and failures
Existing policies or administrative procedures	An opportunity to explore new ways to implement existing policies and discuss possible policy changes
Funding decision processes	Informing funding decisions & promoting shared interest in funding assistance programs
Agency roles and responsibilities (regulators, implementers, operators, & maintainers)	Facilitating capacity growth for other participating agencies through <i>shared innovations, shared experiences, and collaboration</i>
Review processes & internal policies of participating agencies	Increased understanding of member agency internal processes
Chain of command & authorities	Increased alignment of authorities



Technical Assistance

*“Sharing
Innovations”*

- Create/share technical tools to improve flood risk awareness
- Make technical tools readily assessible to stakeholders
- Enhance local agency staff capacity, capabilities
- Expand weather monitoring, gauging, notifications

Example Projects:

- Gages
- Models
- Projects
- Data
- Forecasts
- Exercise Facilitation
- Exposure Assessment
- Mapping



Funding Opportunities

“Sharing Experiences”

- Maintain & update inventory of flood mitigation projects
 - Review of HMPs
 - Coordination with IRMPs and SGMPs
 - Report on statewide investment need & implementation of mitigation measures
 - Promoting cost-effective floodplain management mitigation measures
- Example Projects:
- Develop Financial Assistance Clearing House
 - Create Guides Illustrating Successful Grant Applicants
 - Updating and review of exposure information (including mapping) to support loss avoidance studies



Engagement

- Build or improve collaboration within and between public agencies
- Facilitate consistent messaging about flood risk and emergency preparedness
- Highlight success stories (projects, research, and recovery efforts)
- Strengthen collaboration between dam owners and downstream communities

“Collaboration”

Example Projects:

- Webpage Development
- Partner Meetings
- Email Newsletters
- Presentations
- Information Materials



For More Information on H2F

Headwaters to Floodplains Email List

H2F@water.ca.gov

