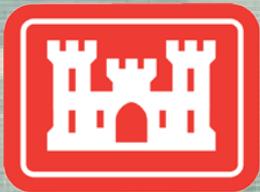


# Strategic Planning and Partnerships

## *A Federal Perspective*

Felix Yeung, Sacramento District

*27 April 2016*



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US Army Corps of Engineers  
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# SPK and the CA Water System



California's water system is interconnected throughout

SPK's work covers the hub of California's water system, and thus reverberates across the State.

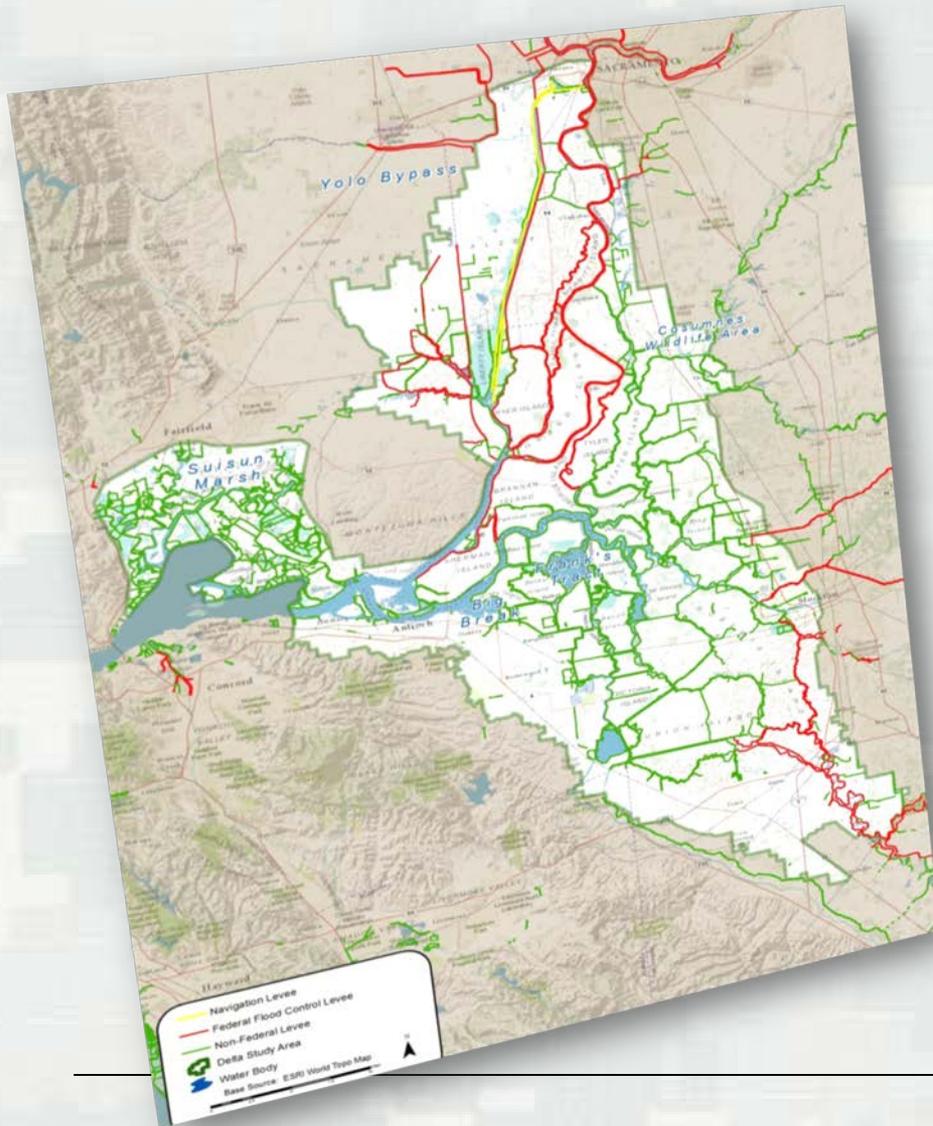
# State-Wide Reach

	Consumers	Irrigated Acres
CVP	2 million	20 million
SWP	25 million	0.75 million
TOTAL	27 million	20.8 million

More than two-thirds of California's population rely on the two water projects



# Delta Levees

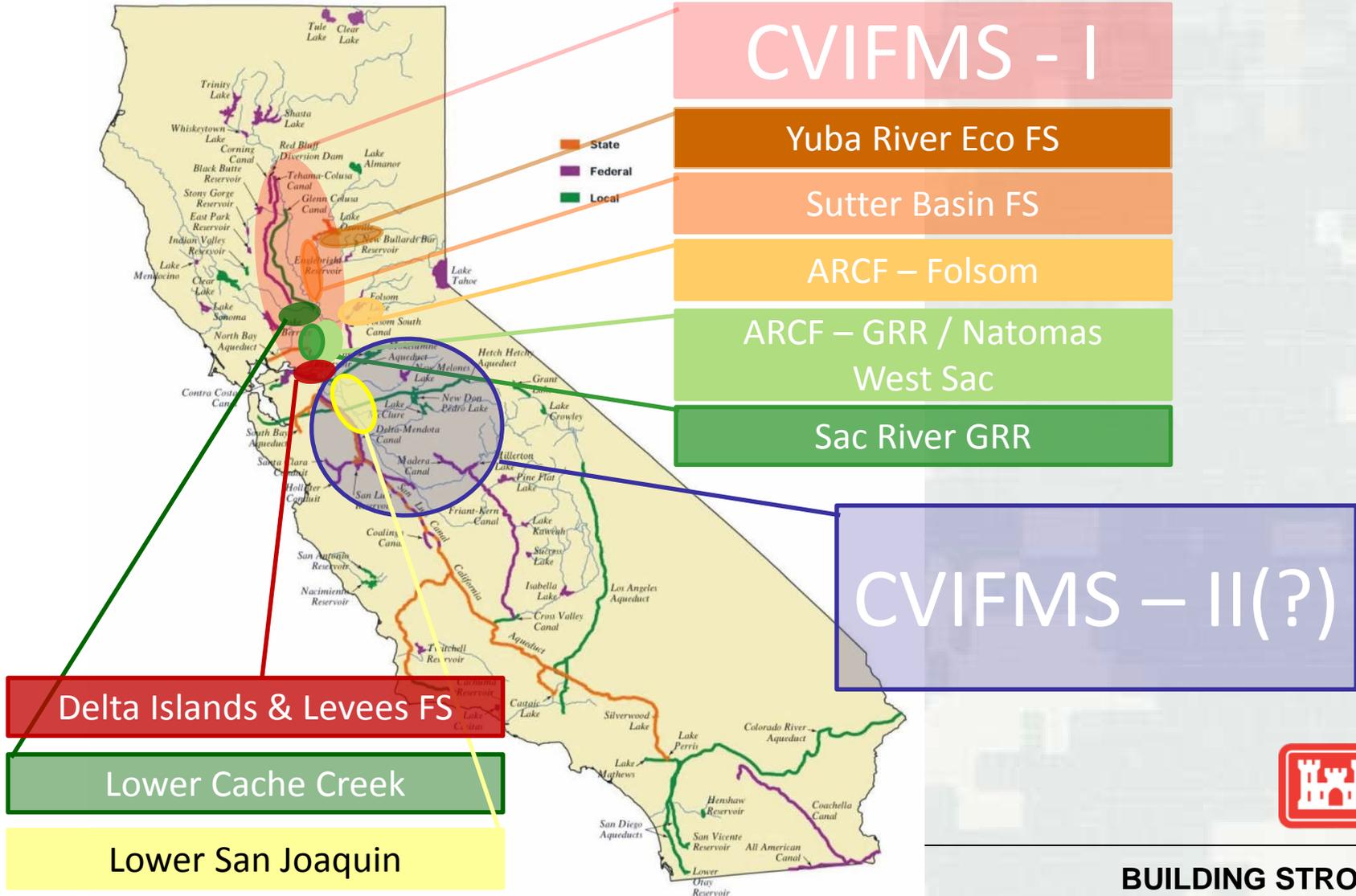


Over 1,000 miles of federal and non-federal levees combined

(See the Corps' Delta Islands and Levees Feasibility Study)



# The Puzzle is Coming Together



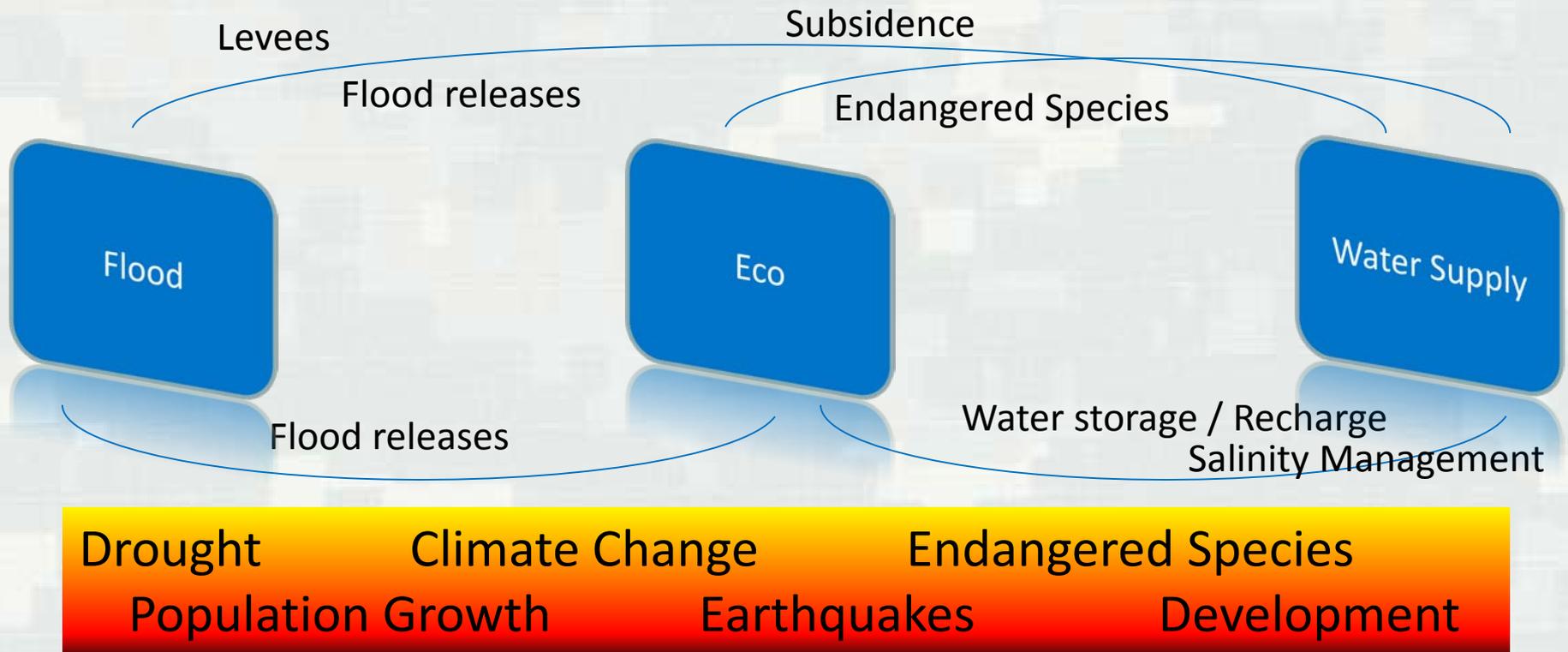
# Interconnections – CA Water Fix



CA Water Fix



# Crisis Today – Multiple Stressors



The Corps has a multi-purpose mission in CA that requires it to manage the same locations, conditions, and molecules in the system

# Opportunity for Integrated Water Resources Management



# USACE – Our Role in the Delta

## Project Analysis, Design, & Execution

- Flood Risk Management
- Dam Operations
- Ecosystem Restoration
- Navigation

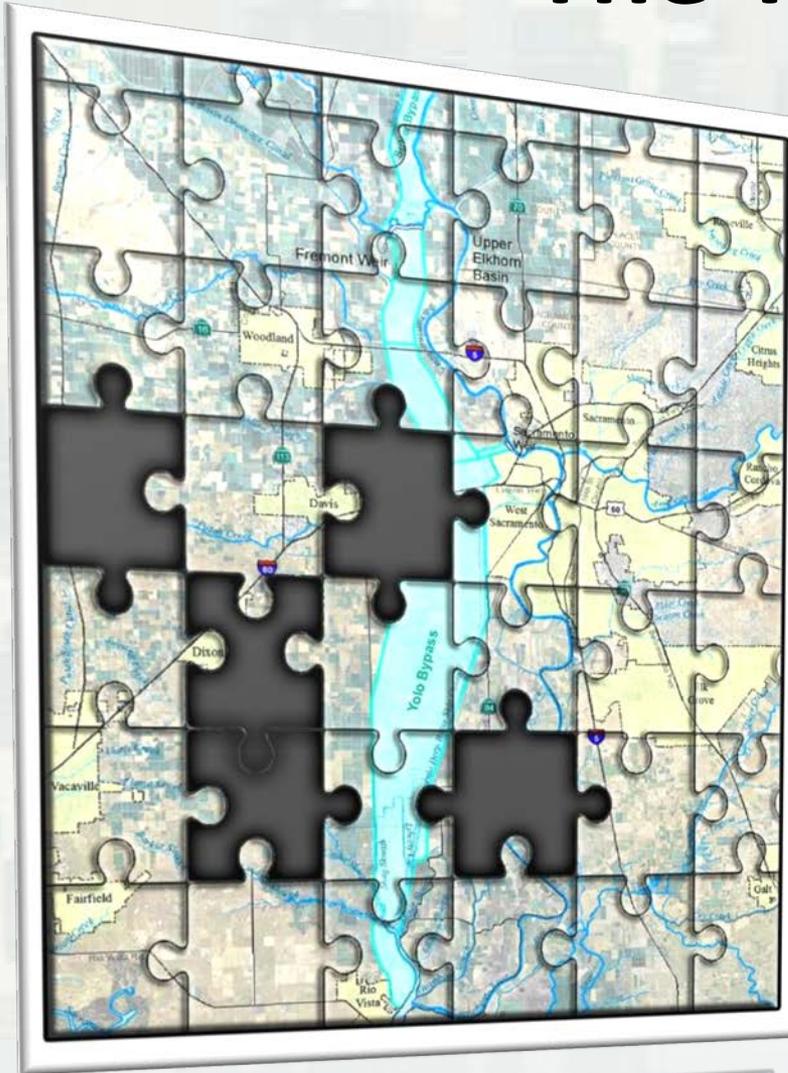
## Regulatory Counsel and Review

- 404
- 408

System-wide improvements to the California water system involve USACE



# The Yolo Bypass



- USACE is aiming to sort through and integrate federal, state, and local plans for the bypass into a cohesive whole
- The study is a microcosm of our future in coordinating improvements to the California water / flood system and ecosystem



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# Contributions to Yolo Bypass Partnership

- Identify level of Federal interest in CVFPP
- Ensure integrity of SRFCP
- Respond to permit requests for work by others
- Compatible Federal and non-Federal actions in the bypass



*Fremont Weir*

# USACE Roles

- Conduct General Reevaluation of SRFCP for increased flood risk reduction to region and addition of ecosystem restoration as a project purpose
- Early engagement on Yolo Bypass 404 and 408 projects
- Facilitate both paths with ongoing coordination with USBR & State of CA BiOp teams



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# MOU with California

US Army Corps  
of Engineers  
Sacramento District



- The Yolo Bypass partnership is a prime example of what SPK and California DWR envisioned per August 2015 MOU.

I. INTRODUCTION. The U.S. Army Corps of Engineers, Sacramento District (Corps) and the California Department of Water Resources (DWR), within our respective authorities, have significant responsibilities for managing water and reducing flood risk in California. Coordination and collaboration between the two agencies is key to ensuring the effective and efficient planning, implementation and operation of system improvements. This Memorandum of Understanding (MOU) frames and confirms our intent to work collaboratively to achieve sustainable and integrated management of California's water resources.

II. SCOPE AND APPLICABILITY. This MOU provides the framework for defining the working relationship for effective and efficient planning and management of California's water resources within the context of specific agency authorities, appropriations, missions and goals. Coordinated programs and projects occur at the state and regional (e.g., Sacramento San Joaquin Delta) scales.

III. BENEFITS. The Corps and DWR agree that the ability to achieve common water



# Integration



Not aiming for mere “coordination” and “collaboration,” but true *integration* of vision and capabilities to tackle California’s water, flood, and ecosystem challenges