

# **The Backbone of Sustainable Communities: Infrastructure and Healthy Ecosystems**

Regional Advance Mitigation Planning

# The Challenge



# Current Approach Ineffective

## Infrastructure:

- Case-by-case analysis
- Costly mitigation
- Delays

## Unhealthy Ecosystems:

- Isolated ineffective mitigation
- Missed opportunities for other benefits



# Regional Scale Approach

## Infrastructure:

- Fosters coordination
- Plans in advance
- Faster project delivery
- More cost effective



## Healthy Ecosystems:

- More effective conservation
- Contributes to climate goals
- Promotes healthy communities

# Agency and Stakeholder Coordination



US Army Corps  
of Engineers®  
Sacramento District



The Nature  
Conservancy  
Protecting nature. Preserving life.™



RESOURCES LEGACY FUND

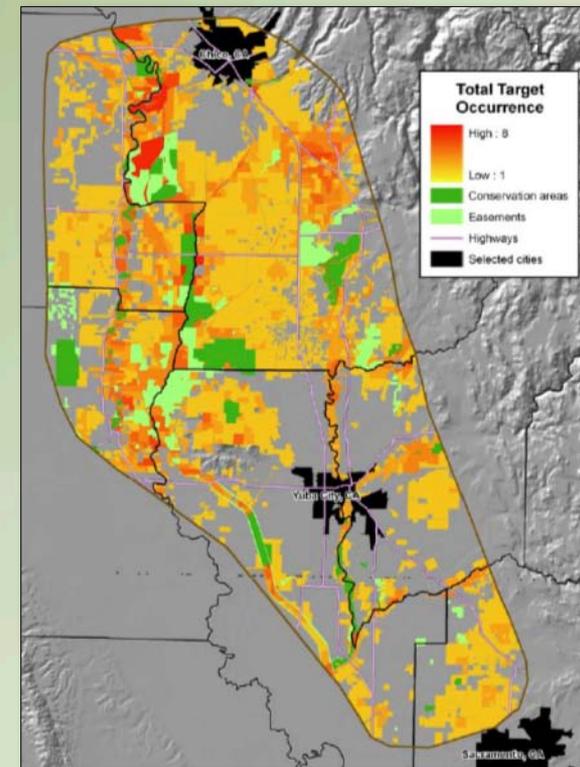
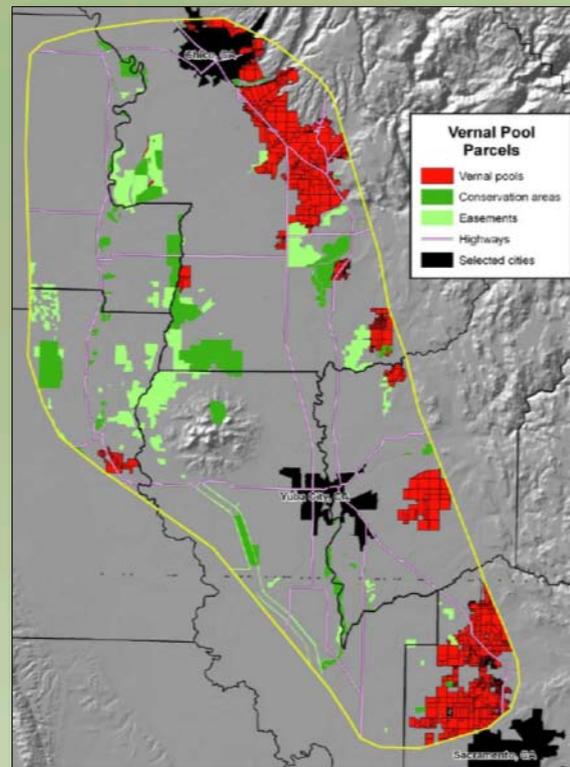
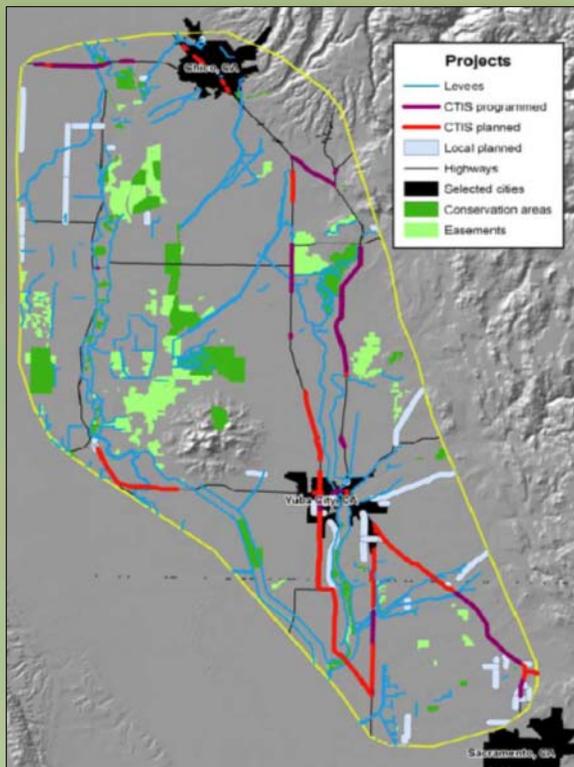
# Models and Method

- Other models
- Pilot project
- Policy solutions





# Analytical steps can be replicated anywhere in state



Map existing conservation land and planned infrastructure projects



Map resources that may need mitigation due to potential impacts



Assess suitability of properties to meet potential mitigation needs

# Progress to Date

- MOU signed
- Sacramento Valley pilot underway
- Draft Statewide Framework underway
- State legislation introduced (AB 2655)
- Implementation opportunities



# Potential applications

- General Plans
- Sustainable Communities Strategies
- Regional Greenprints
- State infrastructure system planning
- Federal land management planning
- California Interregional Blueprint



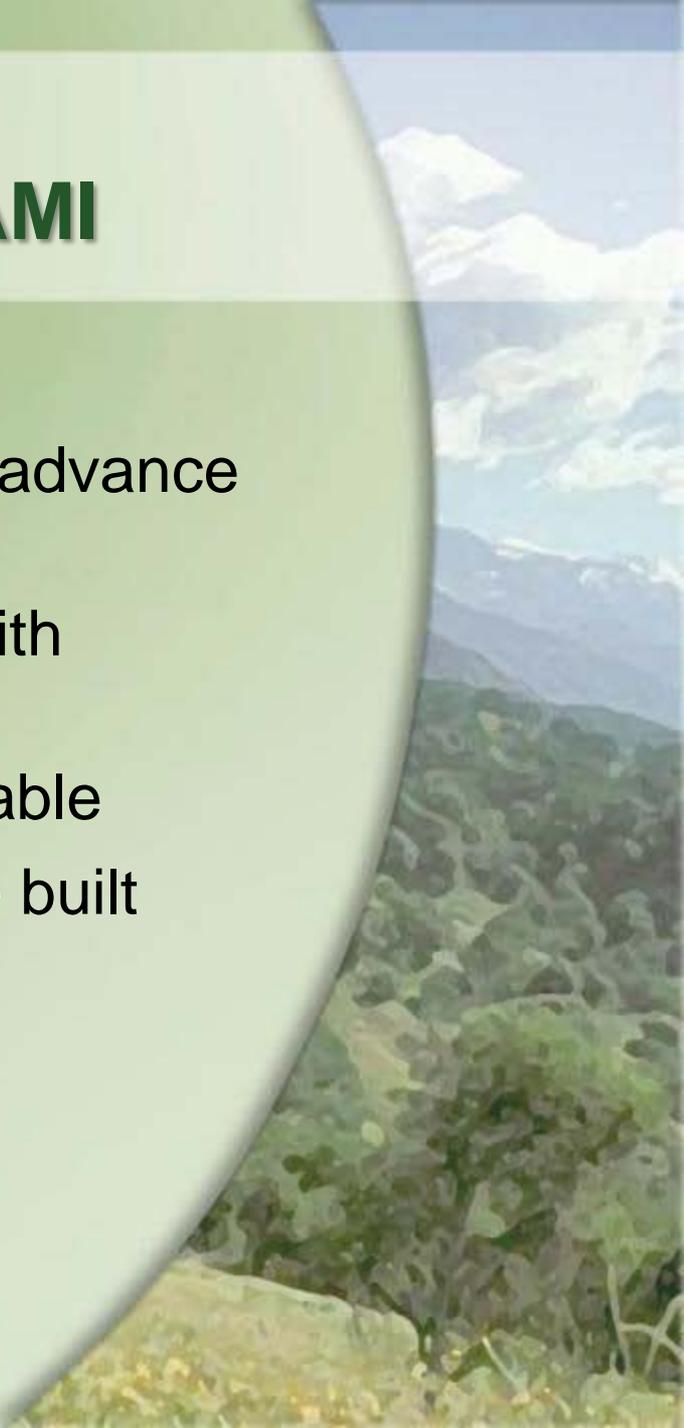
# Implementation: DWR Central Valley Flood Protection Plan

- CVFPP is intended to be a sustainable, integrated flood management plan
- First plan by 2012, and update plan every 5 years
- Potential integration with RAMP
  - “Conservation opportunity analysis”
  - One method to mitigate CVFPP-related impacts



# Implementation: Caltrans' SAMI

- Potential to obligate federal funds
- Provide biological mitigation needs in advance of project delivery
- Better align infrastructure mitigation with regional conservation priorities
- Flexible: all mitigation strategies available
- Redeem the credits when projects are built
- Designed for other agencies to 'opt-in'



A circular frame containing a landscape. The top part shows a range of purple mountains under an orange sky. Below that is a blue lake. The middle part shows a field of green plants with a white mist or fog layer. The bottom part shows a dense field of green plants. The frame is set against a green background.

**Questions?**