## Santa Ana River Watershed 2014

**Building Capacity & Resiliency by Working Together** 

**Colonel Kim Colloton** 

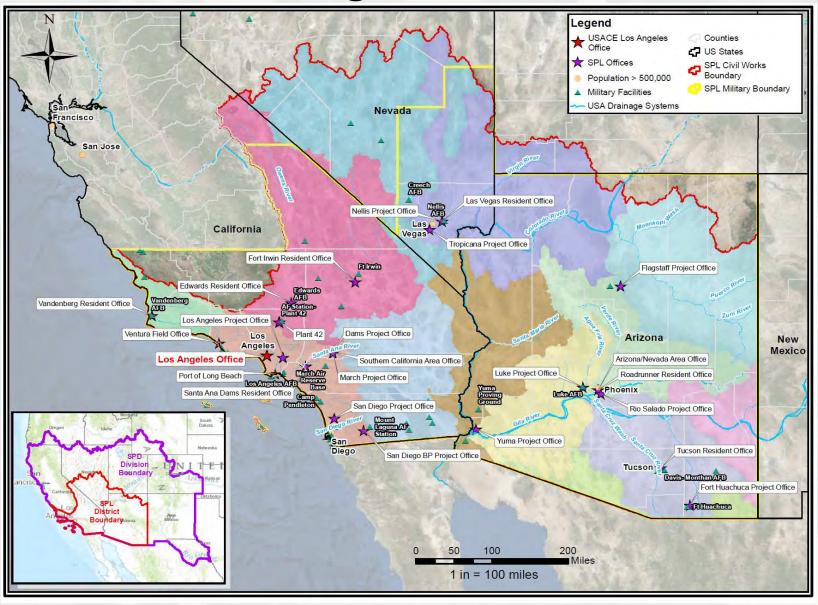
**Los Angeles District Commander** 

14 October 2014





# Los Angles District



#### **Civil Works Value to the Nation**













Over \$6 in flood damages prevented for every \$1 spent on Flood Risk Management

Stewardship of 11.7 million acres of public lands



• 12,700 miles of Levees and 400 miles of shoreline protection







•3% of Nation's Electricity: \$1.5 B plus in sales







10/20/2014

•50% cost of Rail and 10% cost of Trucks

U.S. Ports and Waterways convey >2B Tons of Commerce

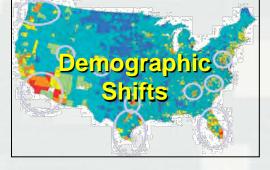
### **National Water Resource Challenges**

USACE Mission: Deliver vital engineering solutions, in collaboration with our partners, to secure our Nation, energize our economy, and reduce risk from disaster.

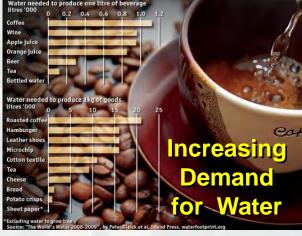


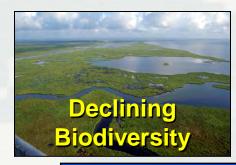












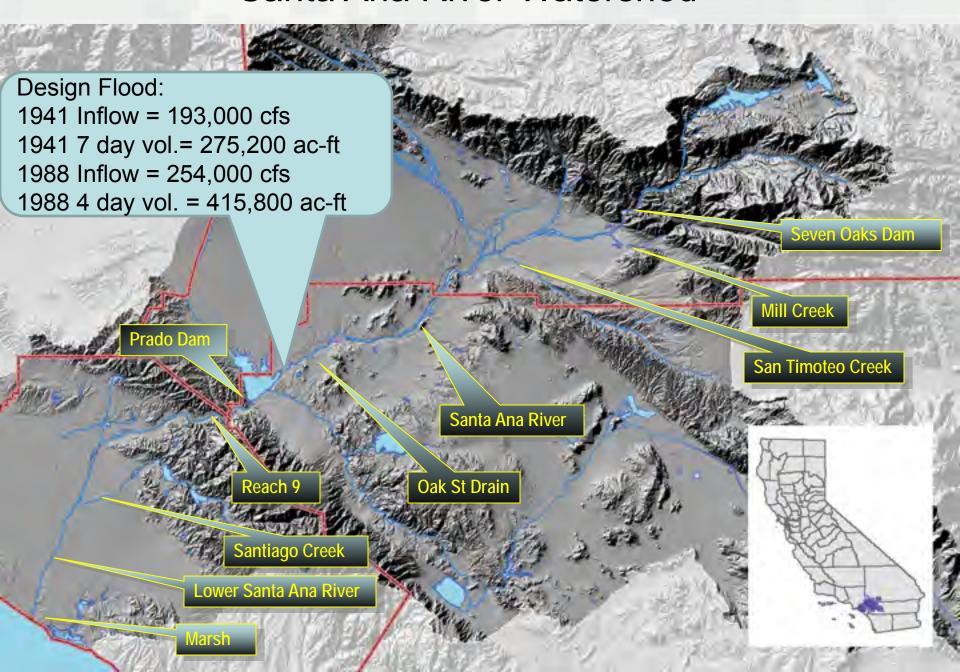




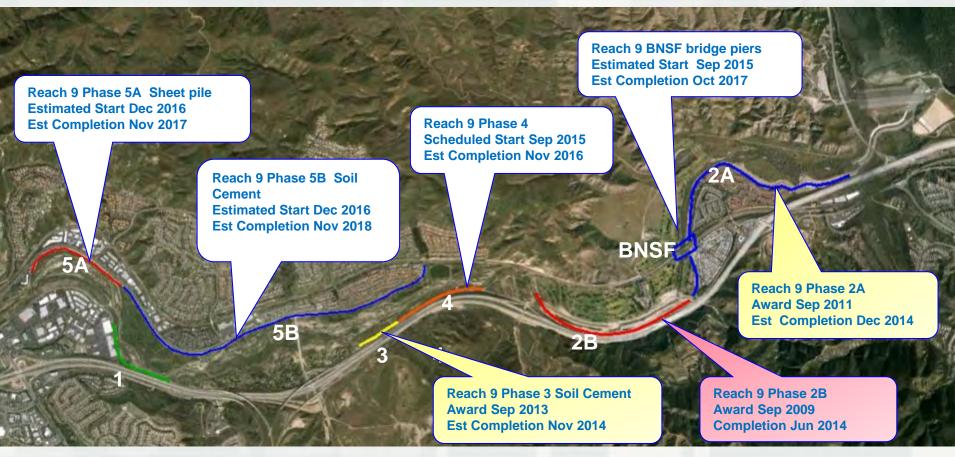




#### Santa Ana River Watershed

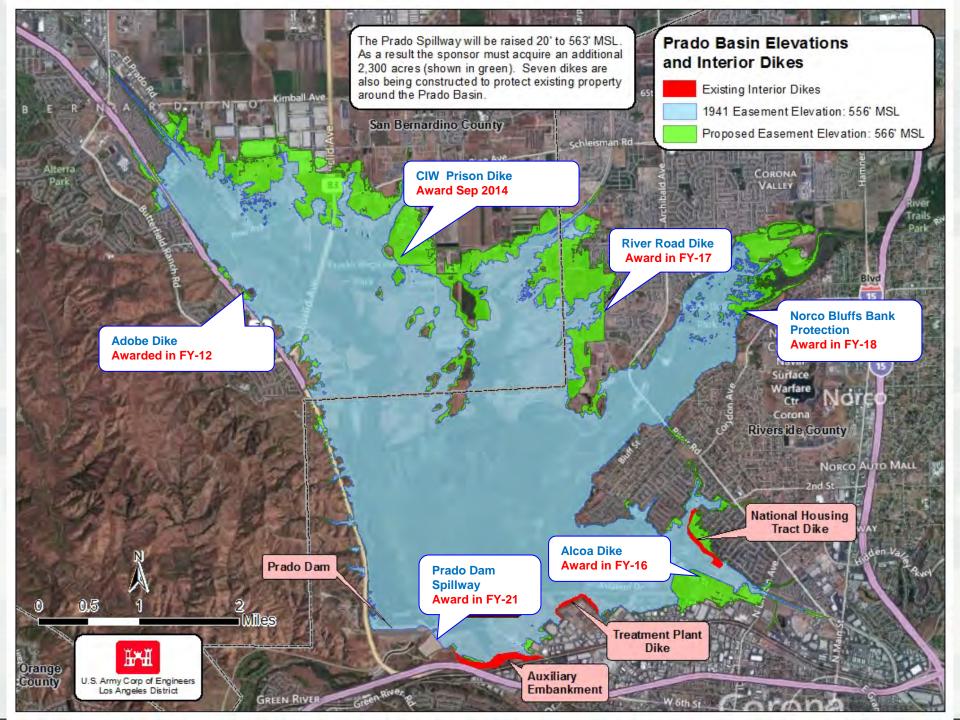


## Reach 9 Features

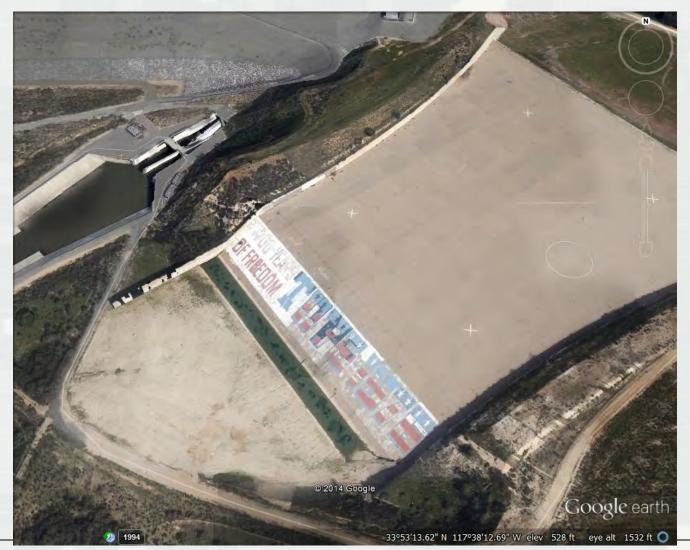






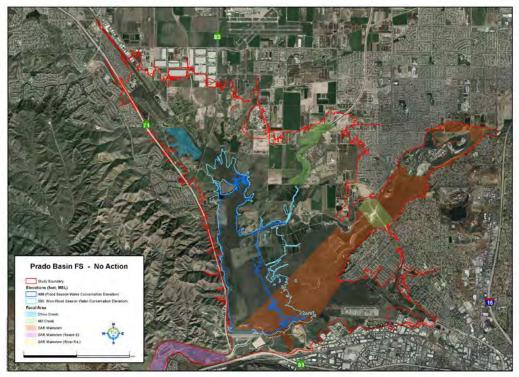


# Spillway Graffiti-Mural









## Prado Basin, CA Study

Local Sponsor:
Orange County Water District

#### A Dual Purpose Feasibility Study Investigating:

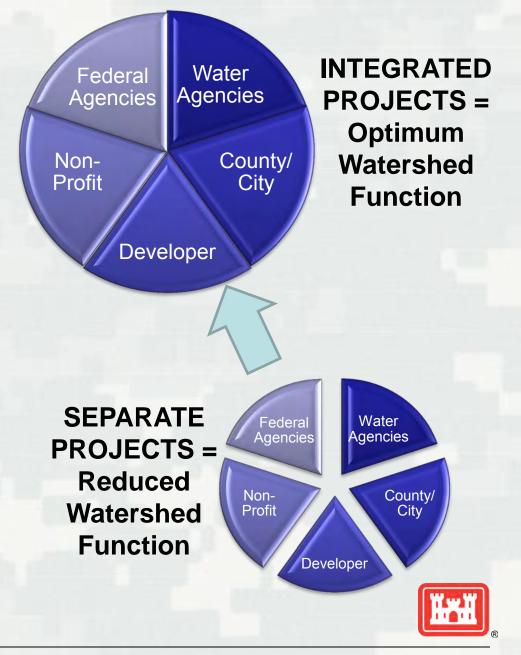
- Ecosystem
   Restoration
- Conservation



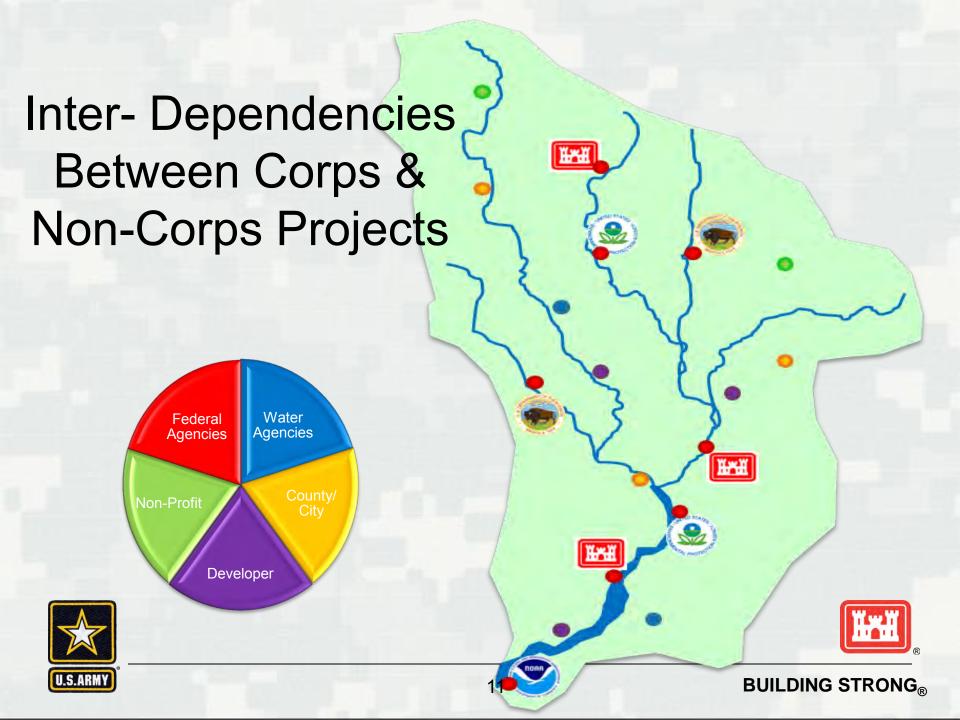


# What Is Watershed Based Budgeting?

- Watershed Project's TOTAL VALUE => Sum of Individual Projects
- ID projects with highest VALUE TO THE NATION
- Achievable goal due to performance SYNERGIES of STRATEGIC investments at watershed scale







## Resilience Efforts

- Sustainable Solutions
  - ▶ O&M Budgets Decreasing = More Public Private Partnering
- Drought what are we doing to collaborate & minimize drought's impact?
  - ▶ How we're responding to the drought & communication
- Watershed-informed Budgeting
  - ▶ Leveraging resources
- Prado Study
  - ► Multi-purpose; Ecosystem Restoration/Water Conservation
  - ► Increased water supply = improved resilience







# Building Strong – Together!



