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Central Valley Floodplain Evaluation and Delineation

Project Status

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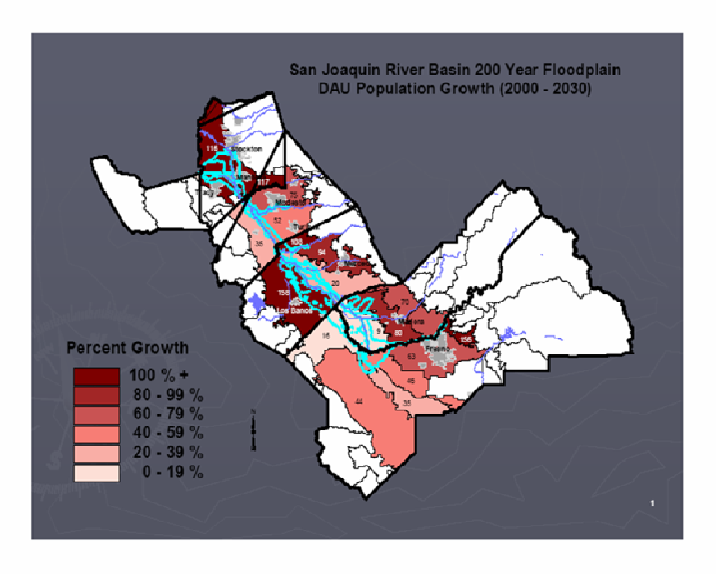
Project Activities

- Delineation
  - Identify flood hazard areas
- System evaluation
  - Support development of CVFPP
  - Identify risk throughout system
- Support risk notification
  - Identify and communicate risk to landowner
- Project design support
  - Flow frequency
  - Flow / stage



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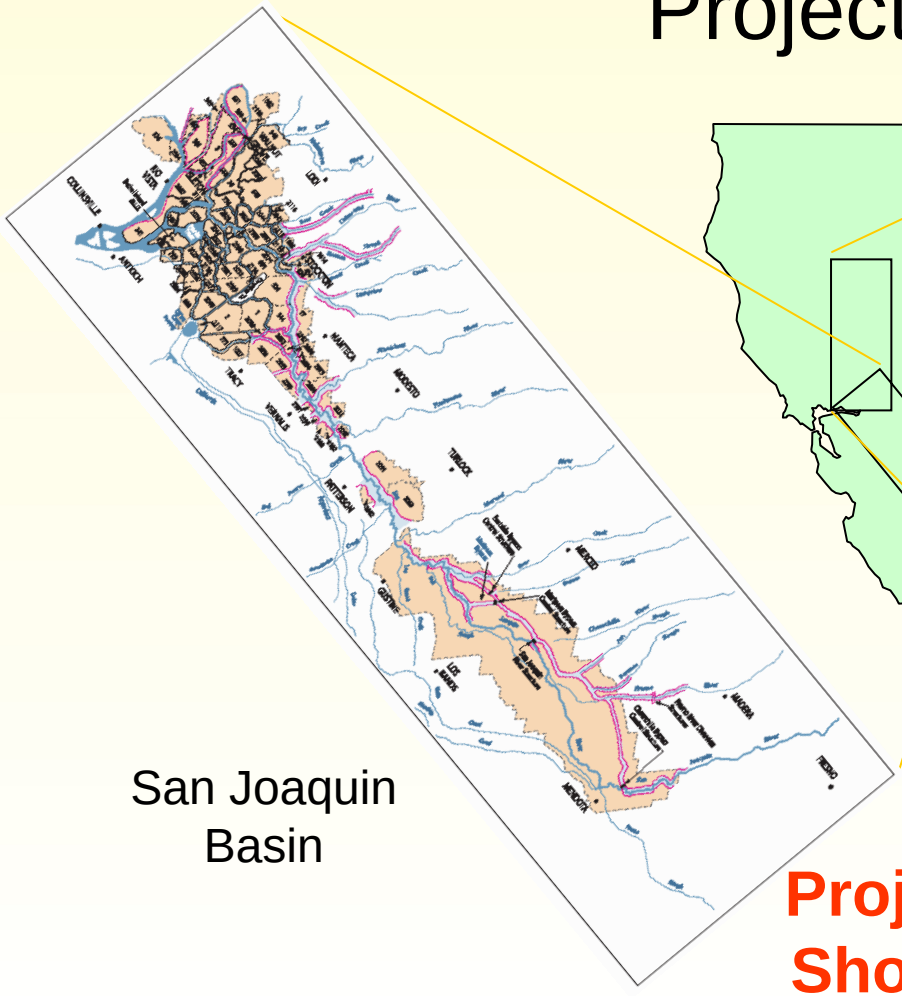
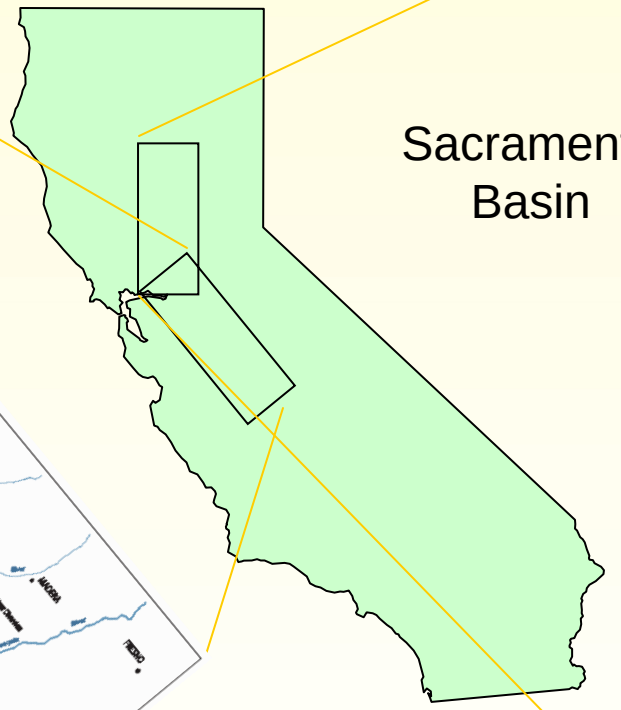
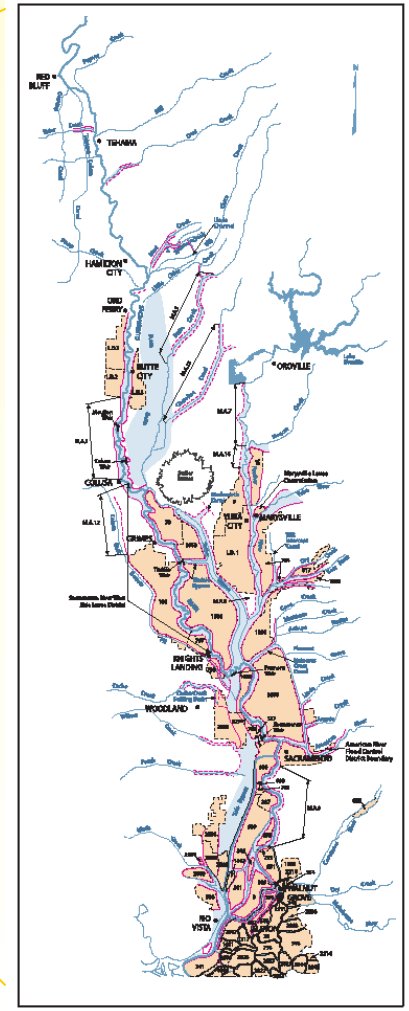
Sacramento & San Joaquin River Basins Project Levees



San Joaquin Basin



Sacramento Basin



Project Levees Shown in Red

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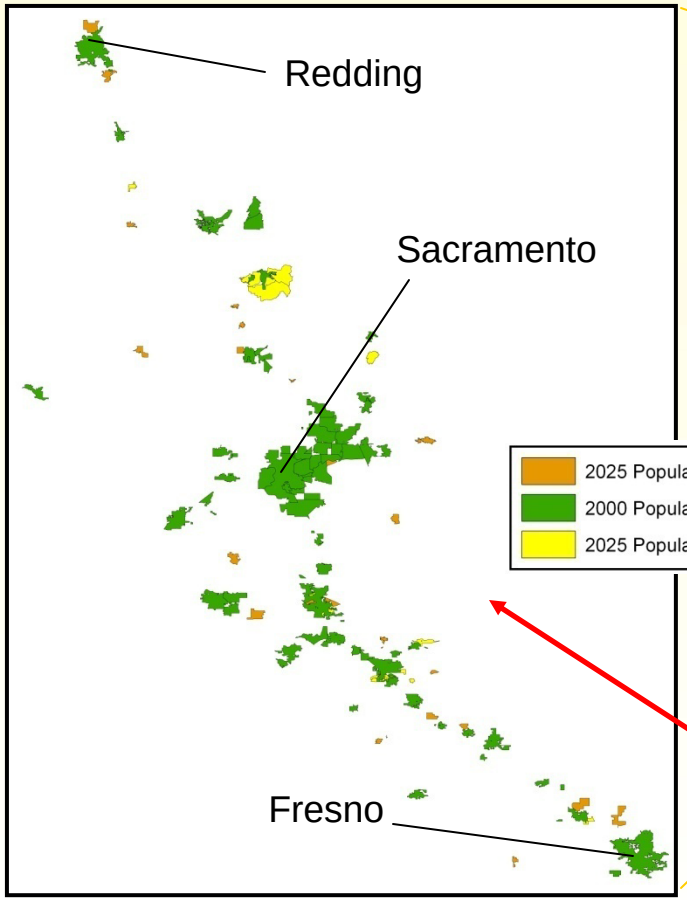
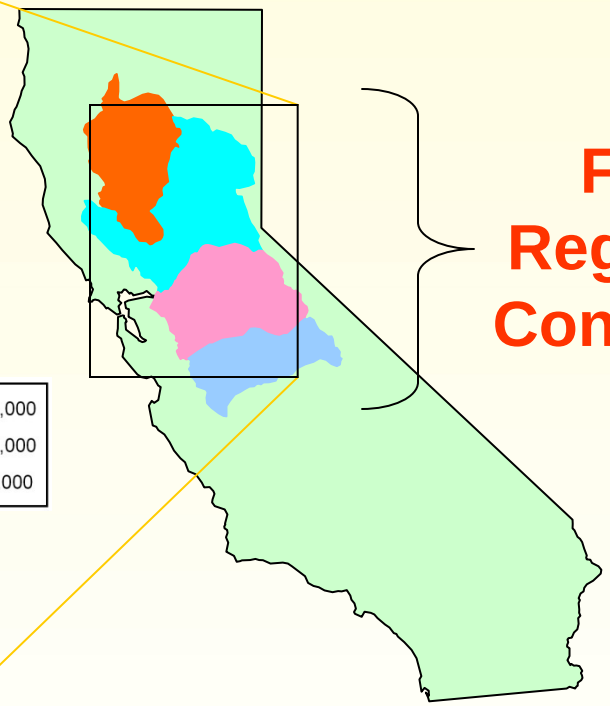
Sacramento - San Joaquin River Basins Urban Areas





Four Regional Contracts

Urban Areas in the Sacramento & San Joaquin River Basins

Recent Accomplishments

- Four regional 5-year floodplain evaluation contracts were awarded in January 2008
- Wood Rodgers has been selected to support the Lower Sacramento River Basin floodplain studies
- LiDAR flown for 8,200 square miles for one-foot contour accuracy using NAVD 88
- Digital photos flown for 9,100 square miles with six inch pixel definition
- Completed SB5 Best Available Maps

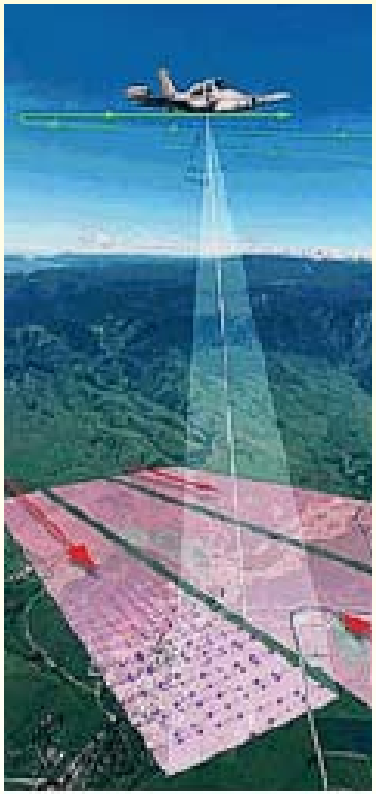


photo courtesy of: USDA NRCS

Tasks for Summer 2008

- Complete Program Management Plan
- Post-process LiDAR data
- Obtain bathymetry where required
- Obtain bridge and other river and floodplain structure data using NAVD 88
- Compile base topographic maps

Tasks starting soon

- Complete Program Implementation Plan
- Riverine hydraulic studies and models

Legislative Deadlines

- July 1, 2008 – Best Available Mapping
  SENATE BILL 5
- December 31, 2008 – Levee Flood Protection Zones (Initial Mapping)
  ASSEMBLY BILL 5
- December 31, 2008 – Schedule Established for Central Valley Mapping Areas at Risk
  ASSEMBLY BILL 5
- September 1, 2010 – Levee Flood Protection Zones (Individual Parcel Notice)
  ASSEMBLY BILL 5
- January 1, 2012 – Central Valley Flood Protection Plan
  SENATE BILL 5

Agency Applications and Coordination

- Department of Water Resources
  - State Plan of Flood Control
  - Central Valley Flood Protection Plan
  - Levee Flood Protection Zones
  - Flood Risk Notification
- Federal Emergency Management Agency
  - National Flood Insurance Program
- U.S. Army Corps of Engineers
  - Reconnaissance & Feasibility Studies and Project Design

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Future Technical Community Meetings

Sequential Future Topics Include:
Topography, Stream Hydraulics, Geotechnical, Floodplain Reviews, Final Floodplain Product

Future County Meetings:	Date:
• Sutter County	To be Announced
• Yuba County	To be Announced
• Placer County	To be Announced
• Yolo County	To be Announced
• Sacramento County	To be Announced
• Solano County	To be Announced