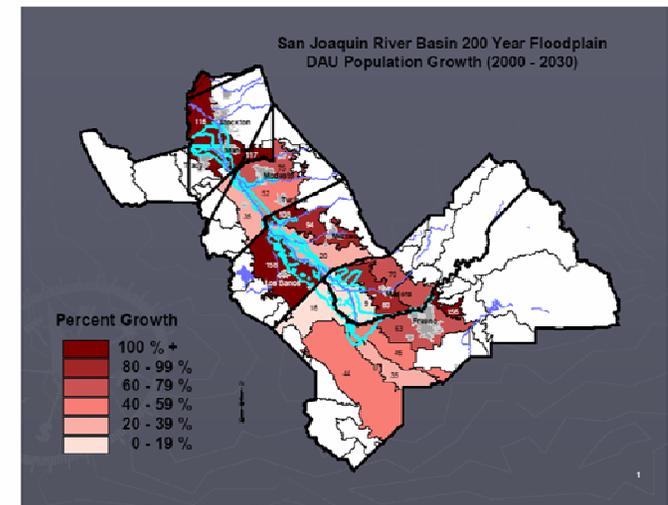


# Central Valley Floodplain Evaluation and Delineation

## Project Status

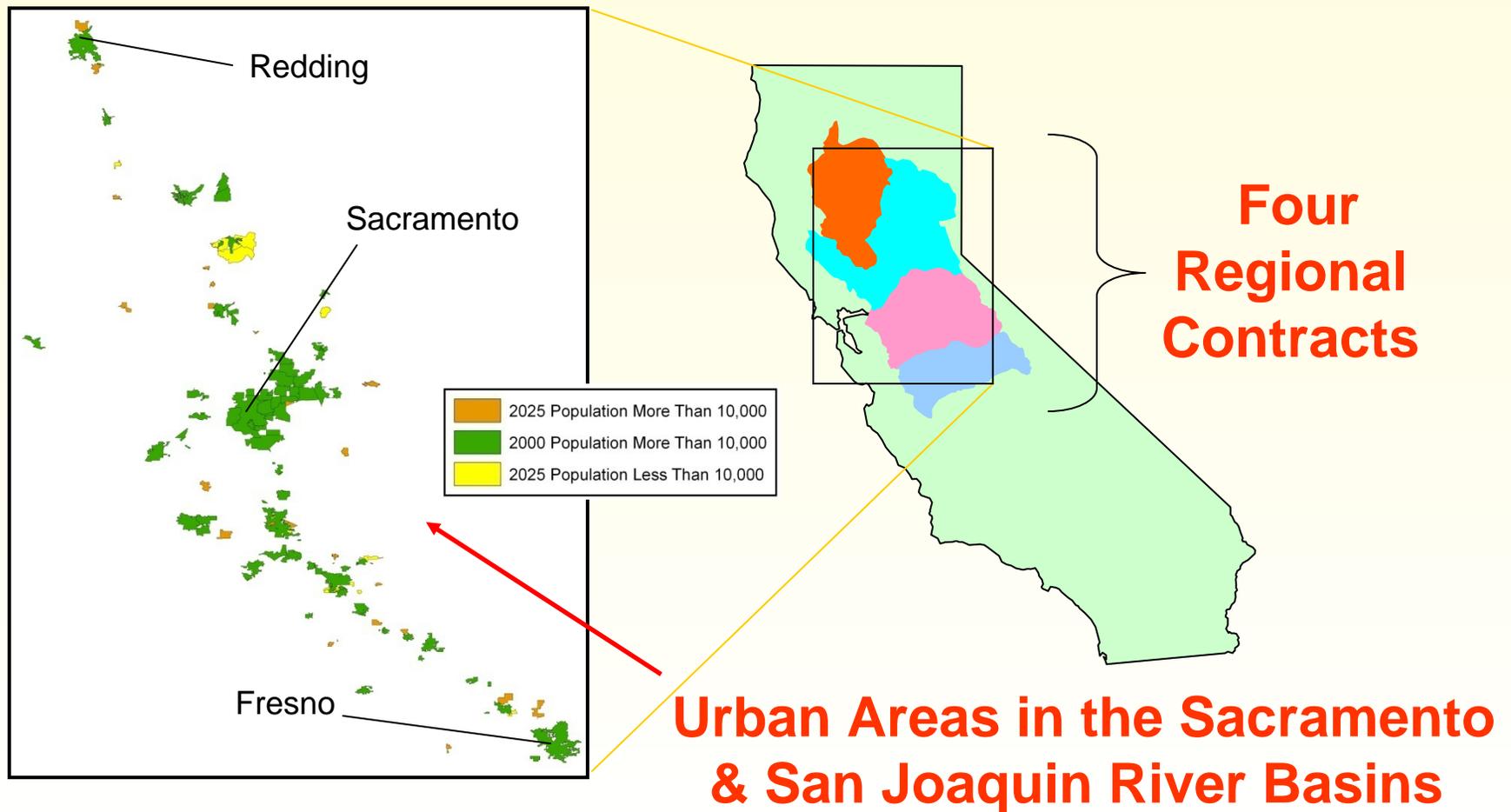
## Project Activities

- **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



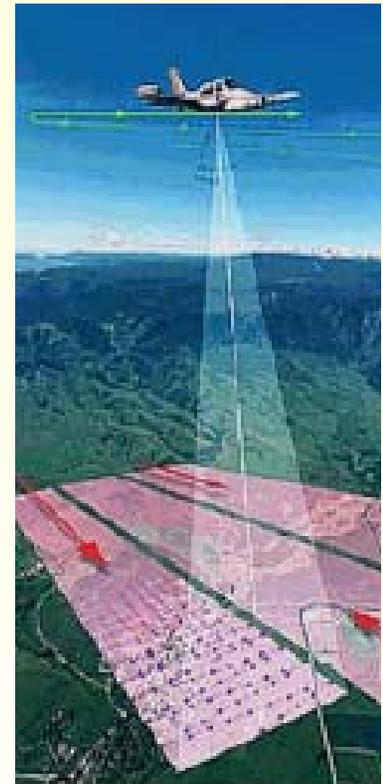


# Sacramento - San Joaquin River Basins Urban Areas



## Recent Accomplishments

- Four regional 5-year floodplain evaluation contracts were awarded in January 2008
- RBF Inc. has been selected to support the Upper San Joaquin 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

## Future Technical Community Meetings

### Sequential Future Topics Include:

Topography, Stream Hydraulics, Geotechnical, Floodplain Reviews, Final Floodplain Product

### Future County Meetings:      Date:

- |                 |                 |
|-----------------|-----------------|
| • Merced County | To be Announced |
| • Fresno County | To be Announced |
| • Madera County | To be Announced |
| • Kings County  | To be Announced |