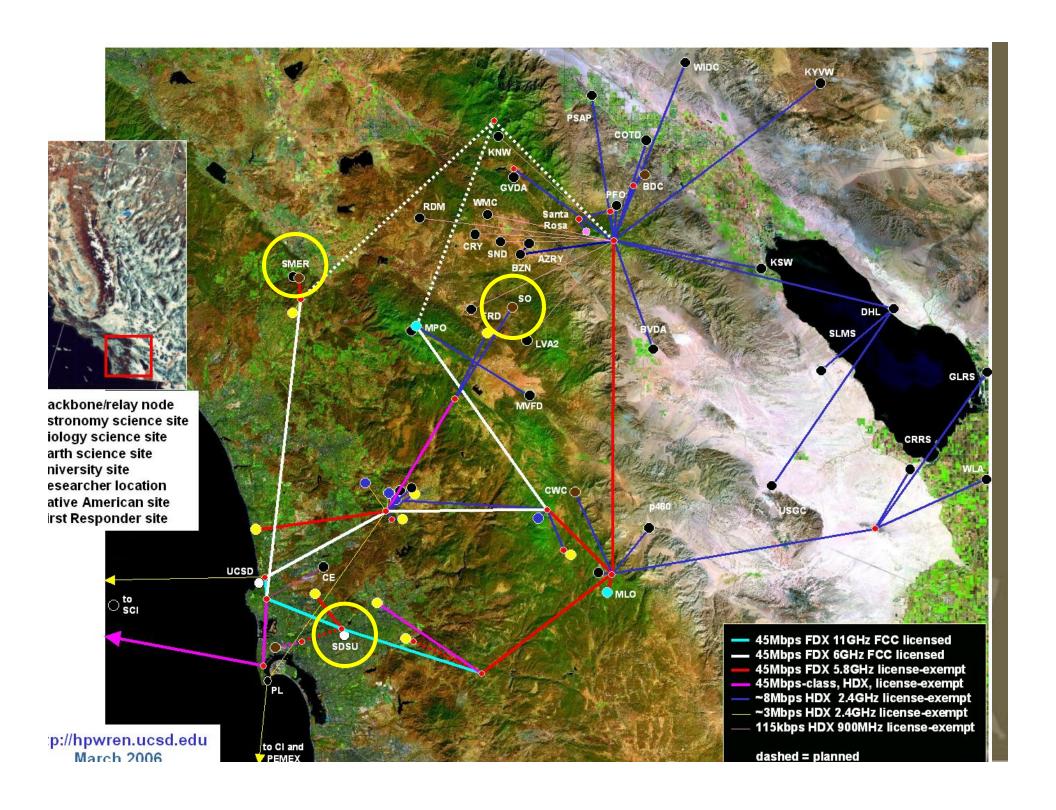
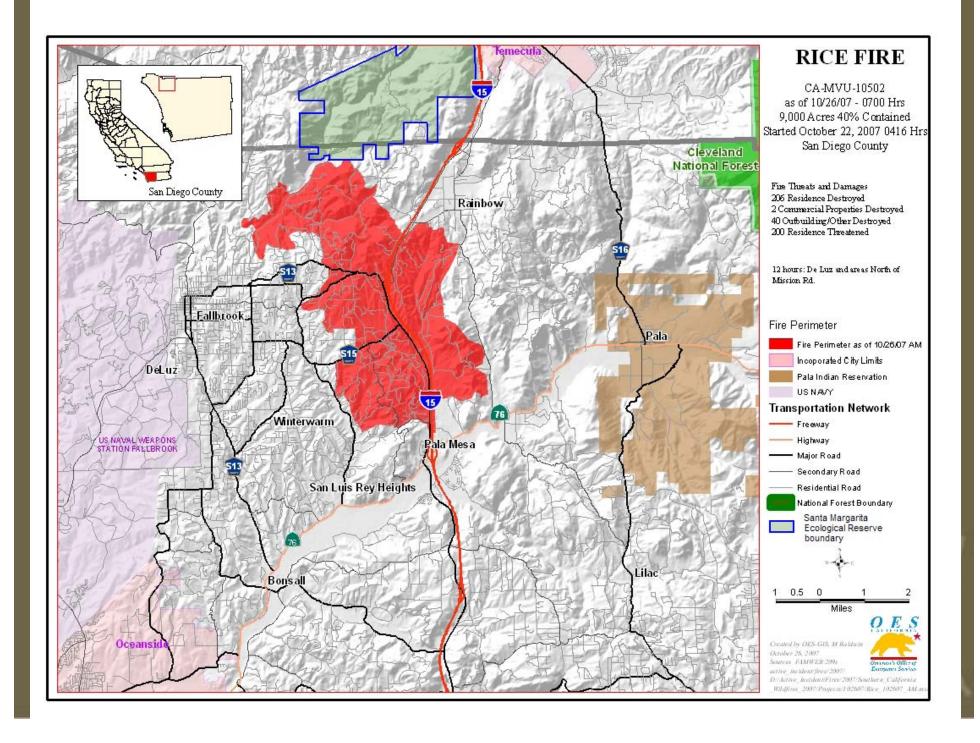
San Diego State University College of Sciences Field Stations Program 2007 HPWREN Users Meeting

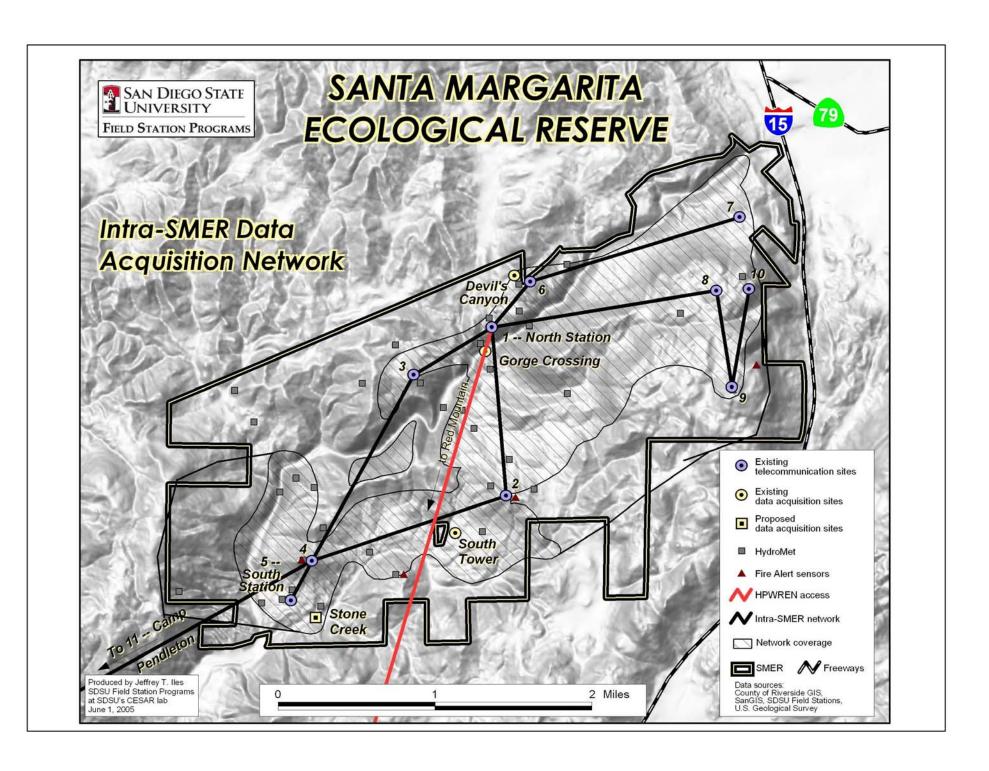
San Diego State University * **Properties in Field Station Programs** Santa Margarita Ecological Reserve Riverside County San Diego Sky Oaks Field Station Fortuna Mountain Mission Trails Regional Park City of San Diego MEXICO Tijuana River National Estuarine Research Reserve auxiliary field station Field Stations Field Stations College of Sciences County lines Inffrage T. He International boundary

SDSU's Field Station Locations in San Diego County

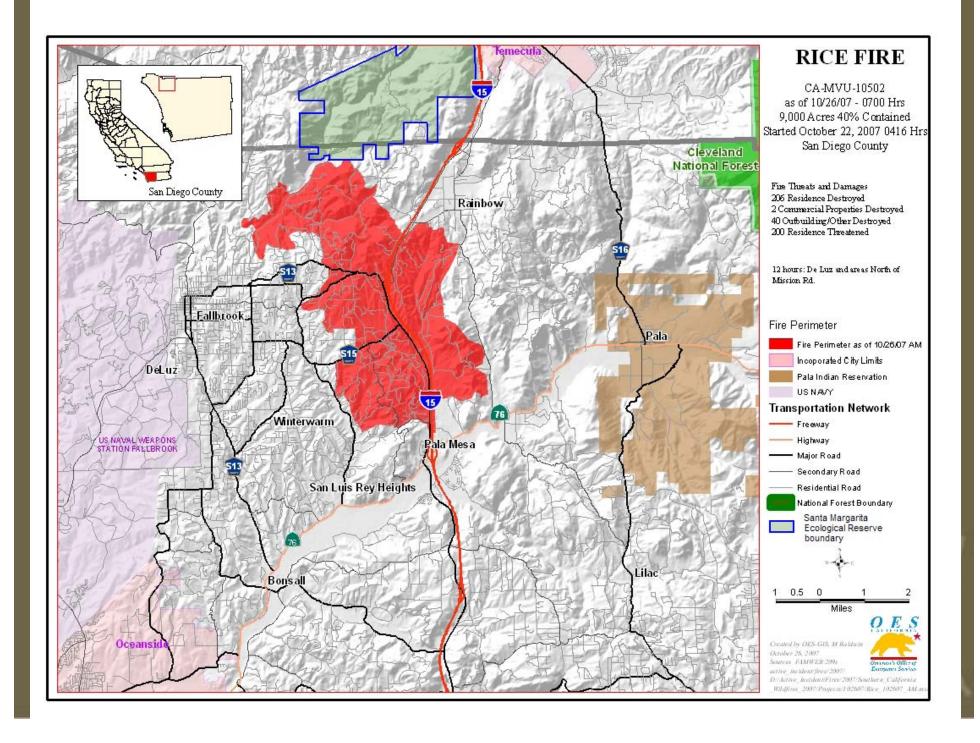
- Santa Margarita
 Ecological Reserve
- Sky Oaks Field Station
- Tijuana Estuary Reserve
- Fortuna Mountain

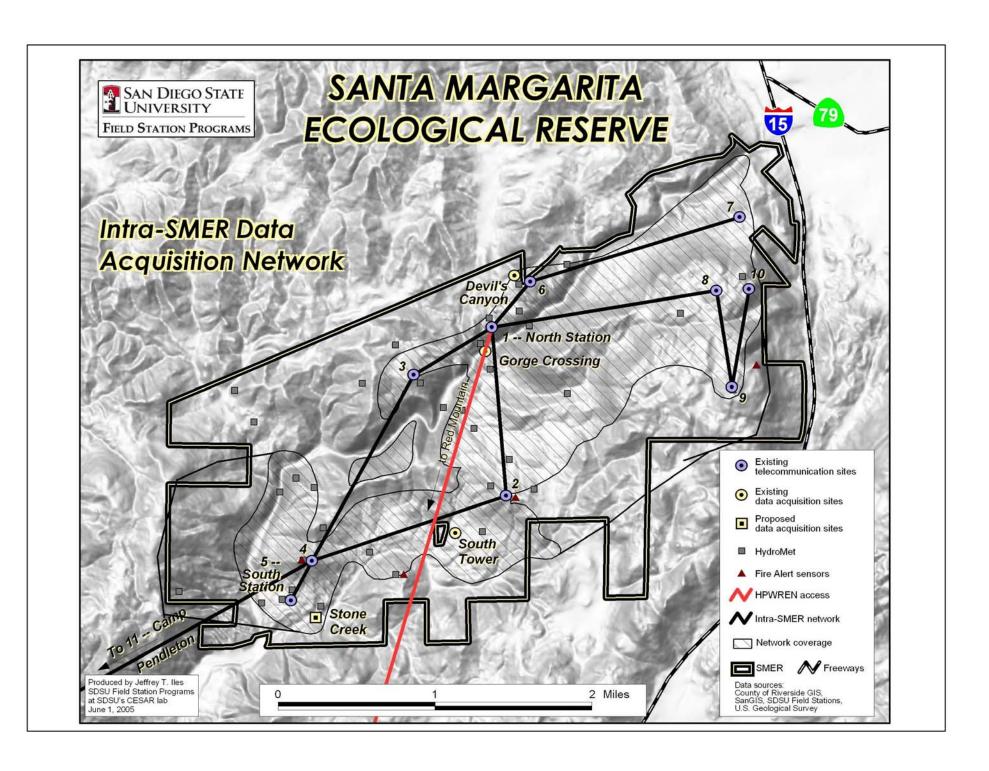






Rice Fire Photos
Tue. 10/22, 2200 to
Wed. 10/23,0130
from Red Mountain

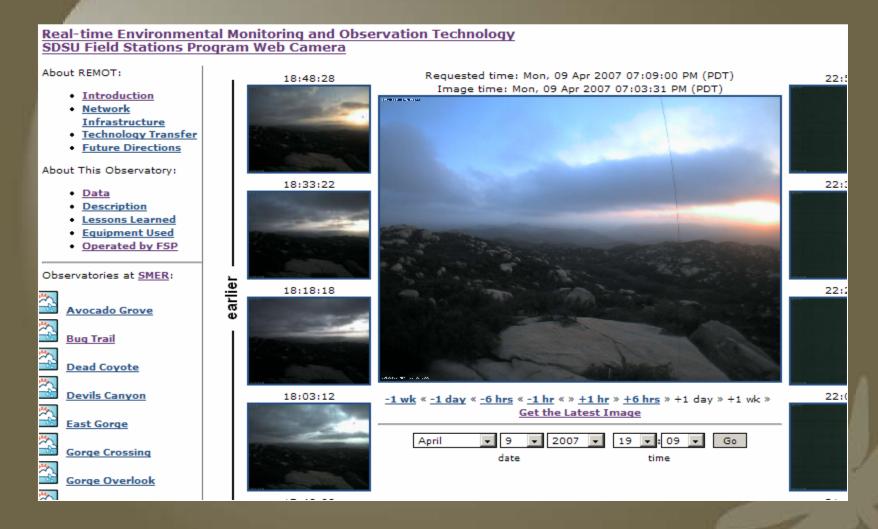




Rice Fire Photos Thursday, 10/25 South Side of SMER

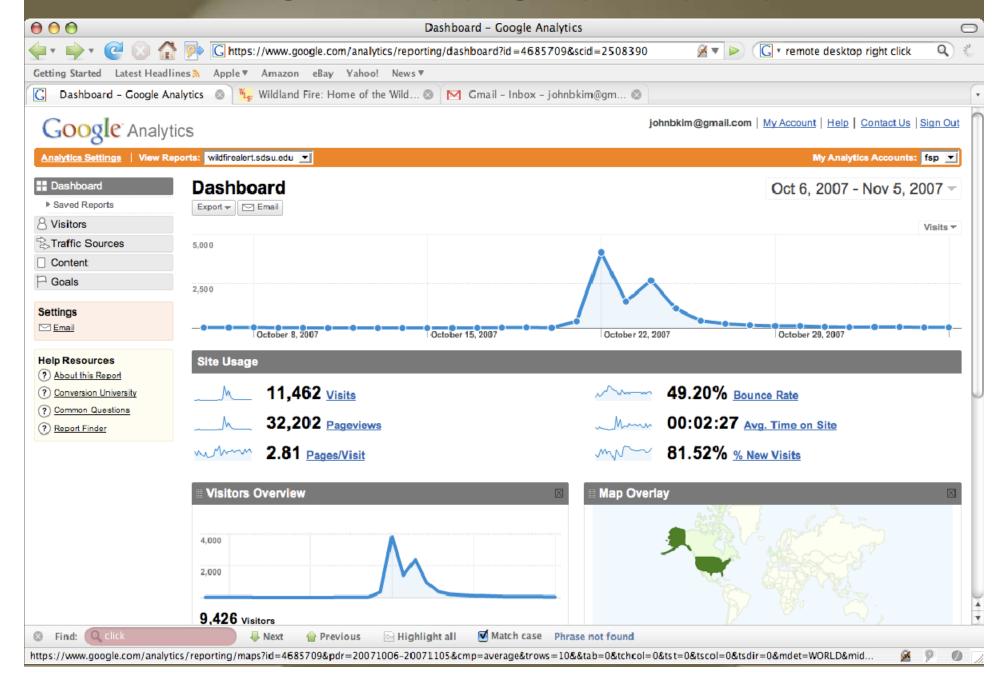
Sky Crane Dumping Water on Ridgeline just to the South of SMER Border

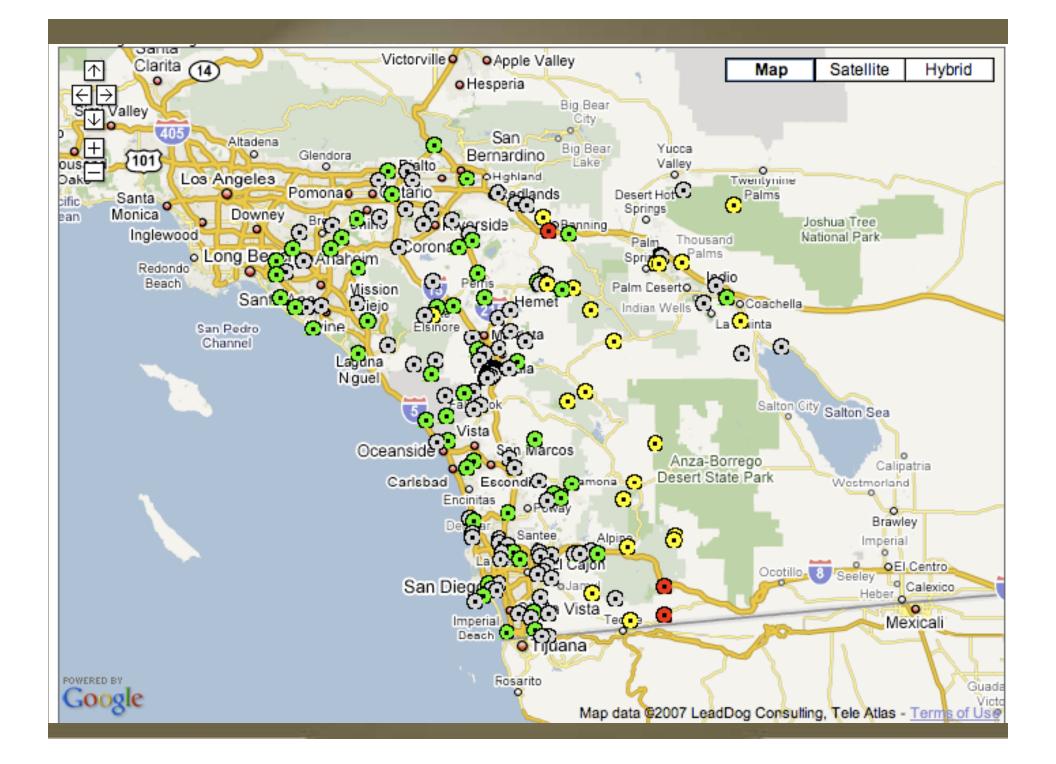
Public Agencies



National Weather Service, CalFire, North County Fire Protection District, CHP etc.

FSP Web Site Traffic





Distance Learning

Using off the shelf equipment and free software to conduct interpretative learning from remote areas through the Internet.

- Laptop
- DV Camcorder
- Orangeware
- Skype
- Internet Connection

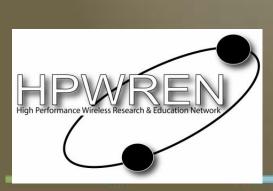
Learn more at our website under "Stories From The Field" http://fs.sdsu.edu/kf/

and K-12, community fairs, and Tribal Learning Centers















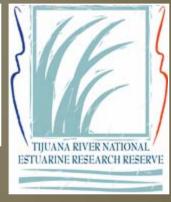
RiverNet

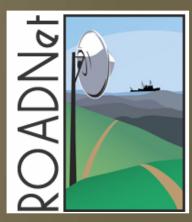
SDSU - SIO Tijuana River Watershed Project





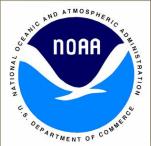








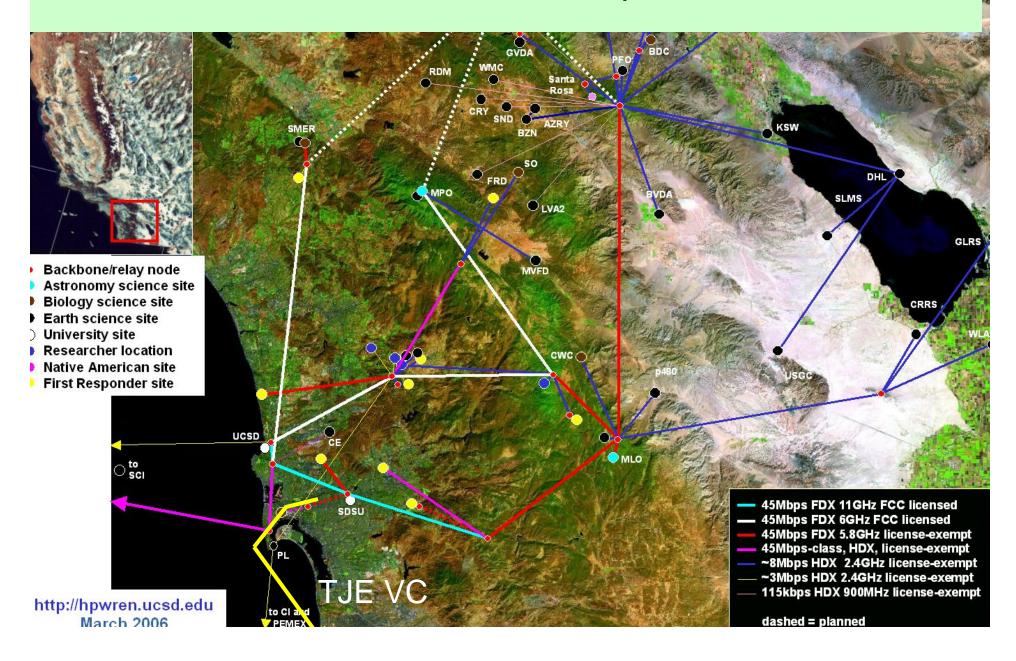


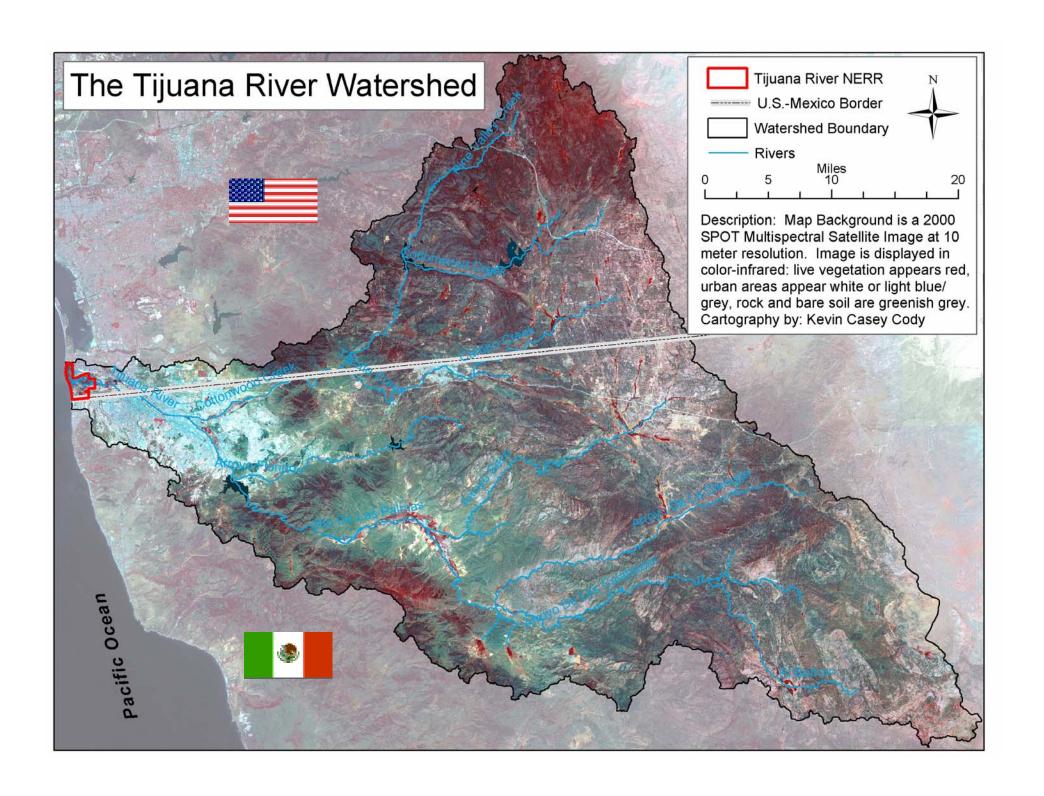


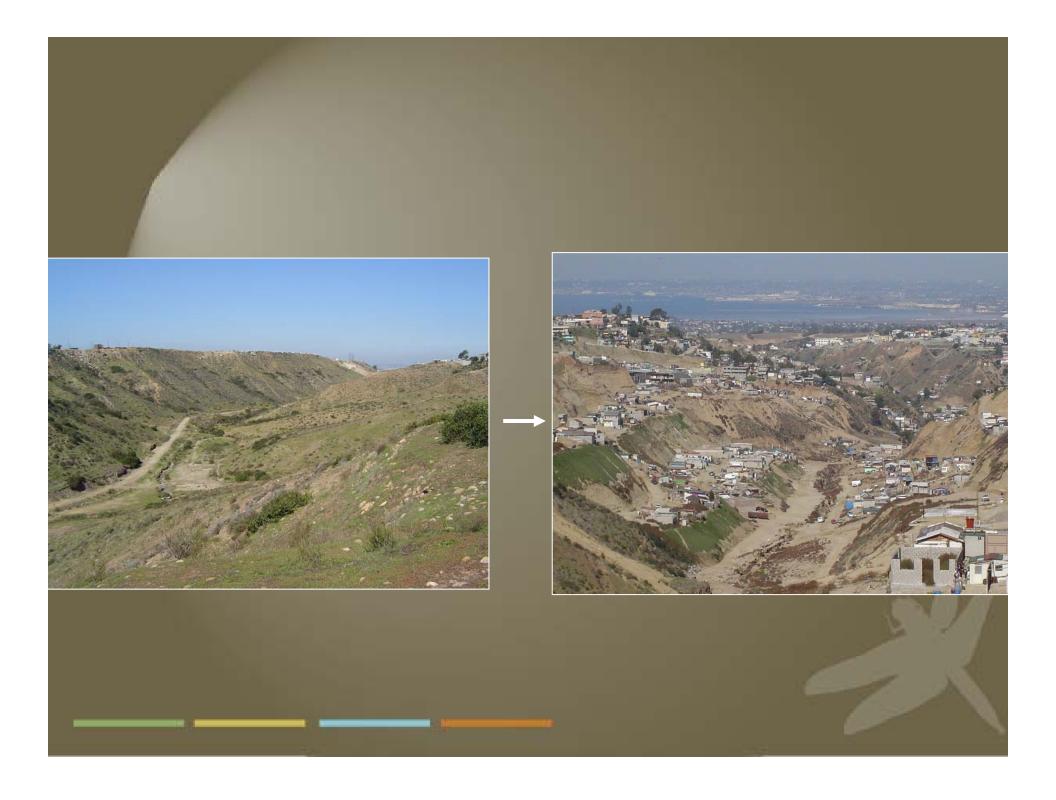


Proposition 84 Water Shed Demo

\$5.4 billion in California bonds for a wide variety of projects related to water safety, rivers, beaches, levees, watersheds, and parks and forests.









Clapper Rail



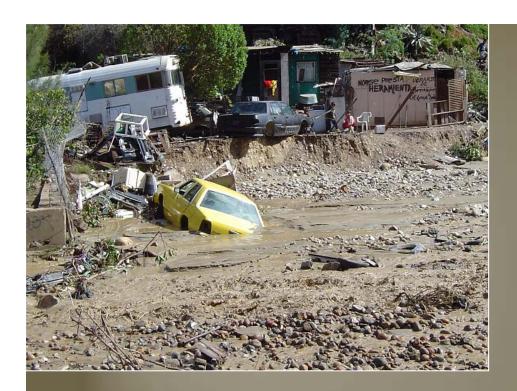
Least Bell's Vireo



Snowy plover

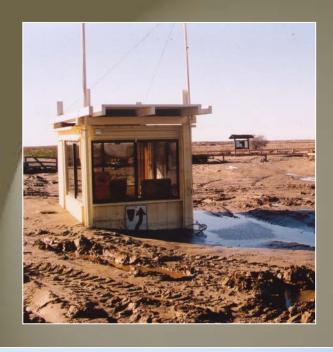


Least tern







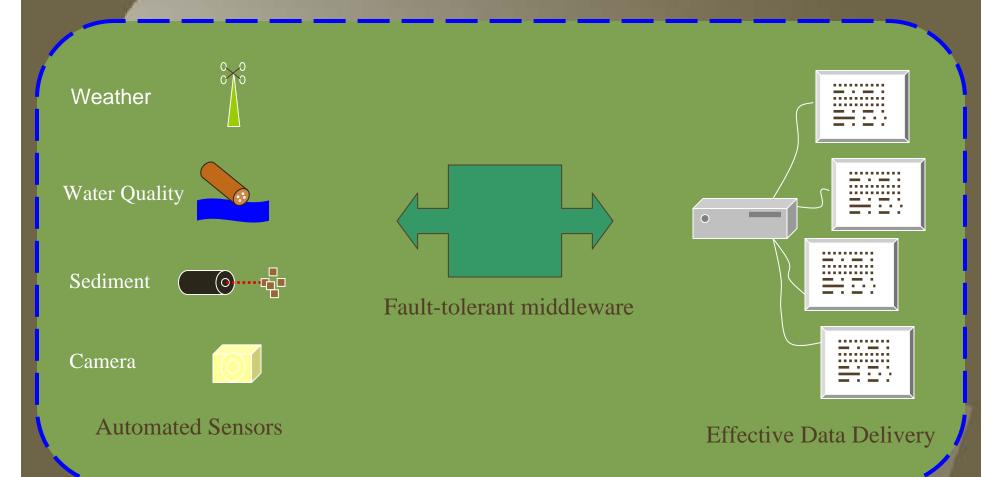






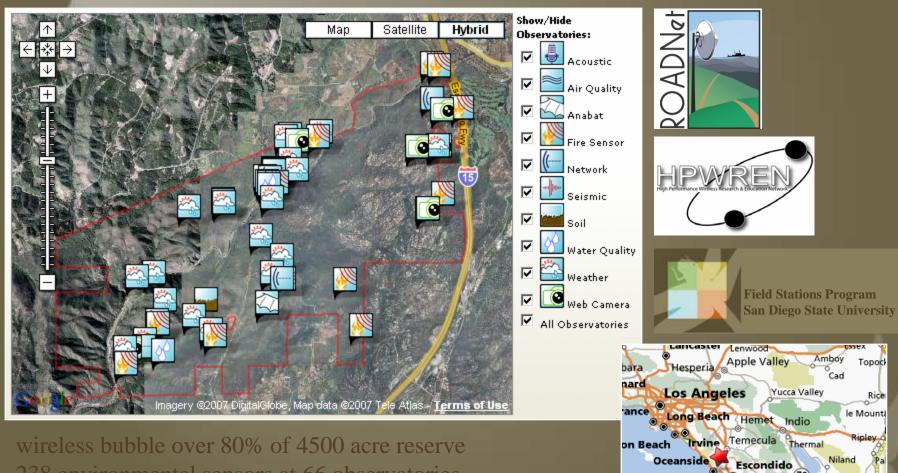


High-tech Environmental Sensor Network



High Performance Network connectivity to remote sites

High-tech Environmental Sensor Network at San Diego State University Santa Margarita Ecological Reserve



Encinitas San Diego

Tijuana 2

238 environmental sensors at 66 observatories

Links and Contacts

Field Stations Programs: http://fs.sdsu.edu/kf/

Cameras on the web: http://archive.hpwren.ucsd.edu/cameras/

Field Station Information
Matt Rahn, Executive Director
619.594.0580

Sensor Network Information
Pablo Bryant
619.507.0944

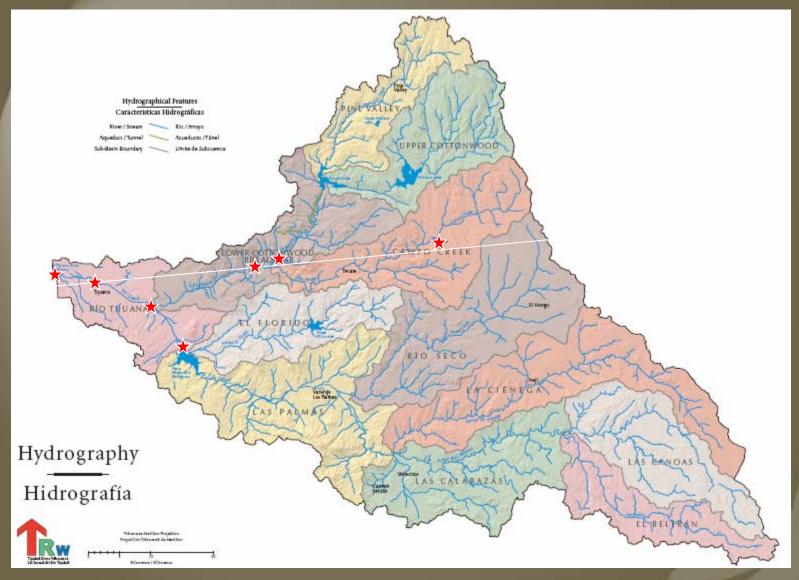
Proposition 84 Demo







And at key locations in Tijuana River Watershed



Strategic locations in Mexico in collaboration with partner agencies

Plus Goat Canyon Micro-basins



- How important is voice and data communications for operation of large scale emergency response?
- •Identify sources of Internet access: HPWREN, Intra-SMER, Starbucks, Borders, home based cable...etc?

HIGH PERFORMANCE WIRELESS

•What hardware is needed; Radios, VoIP, cameras, tripods, enclosures, generators...etc?

UCSD SDSU

- •What are the mechanisms for training, deployment?
- •Where is the funding?