

# California's Surface Water Ambient Monitoring Program

## An Update on the Clean Water Team Citizen and Monitoring

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# 2011 California Citizen Monitoring Groups



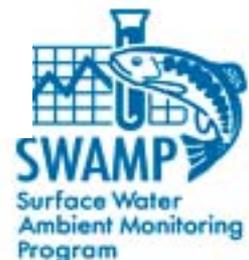
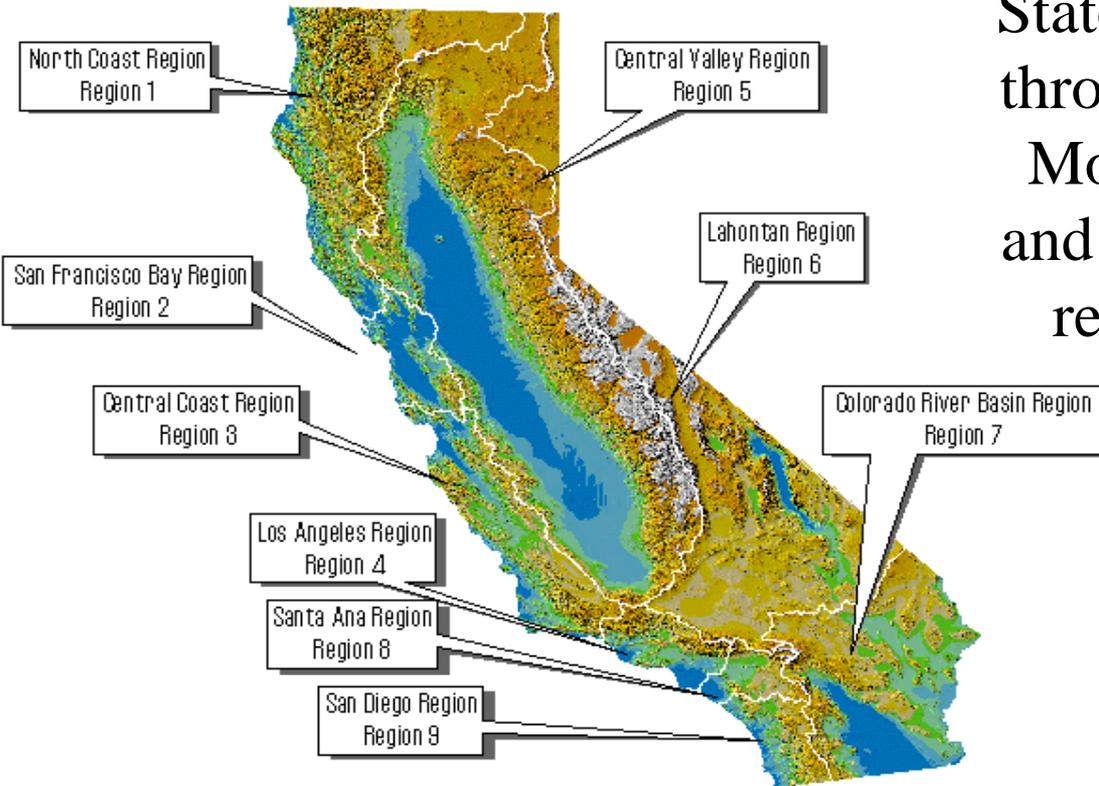
# Citizen Monitoring Compliments Strategies for Improving Water Quality

- Science Based Stewardship
  - Production of Actionable Data
  - Implementation of Adaptive Management Plans
  
- Stakeholder Involvement
  - Watershed Management Initiative
  
- Citizen Based Communications
  - Awareness
  - Education
  - Action



# THE CLEAN WATER TEAM

The mission of the Clean Water Team is to build and support the State's Watersheds Stewardship through involvement by Citizen Monitoring in order to reduce and prevent water pollution and recover lost beneficial uses.



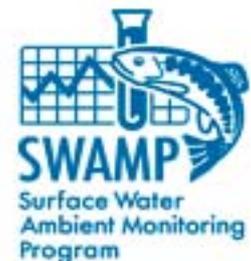
[http://www.waterboards.ca.gov/water\\_issues/programs/swamp/cwt\\_volunteer.shtml](http://www.waterboards.ca.gov/water_issues/programs/swamp/cwt_volunteer.shtml)

# Clean Water Team Services

- Outreach and Communication
- Technical Assistance/Quality Assurance
- Training
- Loans of Equipment
- Event Support
- Information Management
- Crowd Sourcing



**TRT-STB1  
TRANSPARENCY TUBE**  
*TRANSPARENCY*



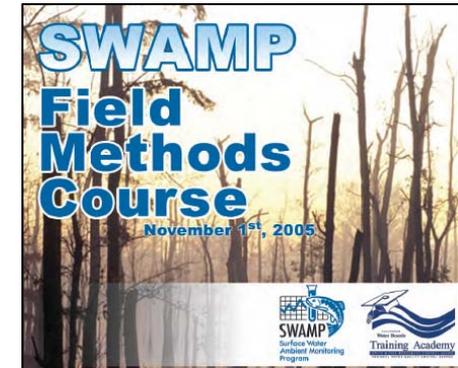
# Citizen Monitoring Sustainability

- Using Emerging Technologies
- Consortium Building
- Partnerships



# CWT Involvement Using Technological Advances

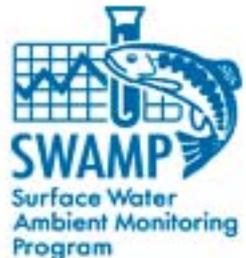
- Benthic Macro Invertebrate Library
- SWAMP Fields Methods Courses
- Creek Watch App
- Webinars (CWQMCN)
- Training Videos
- CEDEN
- Others...



# Local Steering Teams and Consortia



- **CITIZEN MONITORS OF ORANGE COUNTY** <http://www.cwmoc.org>
- **SAN DIEGO CITIZEN WATERSHED MONITORING CONSORTIUM**  
<http://www.sdcwmc.org>
- **LOS ANGELES REGIONAL CITIZEN MONITORING STEERING TEAM**  
<http://programs.scmi.us/citizenwaterquality.html>
- **COASTAL WATERSHED COUNCIL** <http://www.coastal-watershed.org/>
- **SIERRA NEVADA ALLIANCE** <http://www.sierranevadaalliance.org/>
- **FRIENDS OF DEER CREEK** <http://www.friendsofdeercreek.org/>
- **SANTA CLARA CREEKS COALITION** <http://www.sccreeks.org/>
- **SAN FRANCISCO ESTUARY INSTITUTE** <http://www.sfei.org/>



# CWT and Watershed Stewardship Partnerships

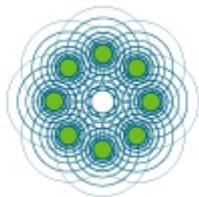
- Sierra Streams Institute

- Training

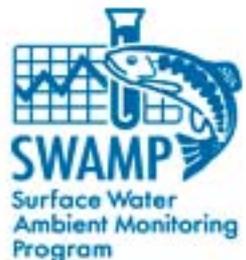


- Los Angeles and San Gabriel Rivers Watershed Council

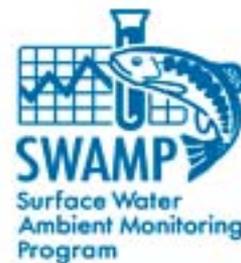
- Citizen Monitoring Newsletter
- Citizen Monitoring Conference Aug 2012



*The Los Angeles and San Gabriel Rivers*  
**WATERSHED COUNCIL**



*Welcome John Norton*



THANK YOU 

*“Our mission is to preserve and enhance the quality of California’s water resources and ensure their proper allocation and efficient use for present and future generations”*

S W R C B

