



Strengthening Regional Monitoring Programs Through the Development of a Collaboration Network: The Monitoring California Water Quality Monitoring Collaboration Network

Erickson “Erick” Burre
SWRCB-OIMA-SWAMP-CWT
Citizen Monitoring Coordinator
CWQMCN Facilitator
eburres@waterboards.ca.gov



WHAT IS IT?



The California Water Quality Monitoring Collaboration Network is....

- A forum to support the water quality monitoring community...
- Is based on monthly webinars

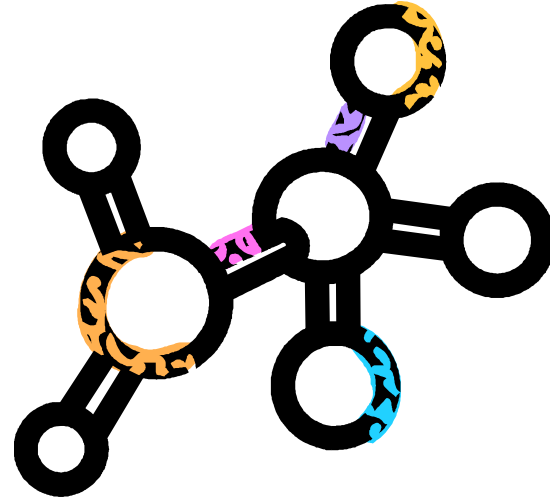
WHAT IS IT?



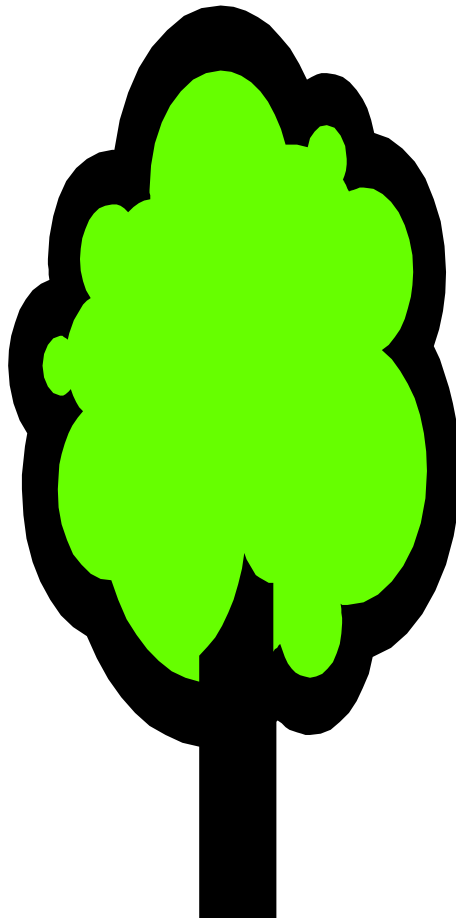
- Webinar sessions are planned to share technical and support tools for monitoring, assessment and reporting; to encourage discussion on common concerns like information management; and to provide a forum for networking.

FORMAT

- Web-cast seminars using WebEx (Webinar)
- VOT-Voice over telephone (conference call)
- Free
- No reservations
- Session is recorded



ROOTS



Citizen
Monitoring
Committee



NPS OIMA CWQMC



Region 9



Comprehensive Monitoring and
Assessment Strategy for the Citizen
Monitoring Program

http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/reports/app_a_citizen_monit_strat.pdf

FIRST STEPS



- How can we promote the use of Citizen Monitoring water quality data?
- How can we support the existing water quality monitoring collaborations that already exist?
- How can we continue training, teaching, and learning when we simply don't have the funds?



NEXT STEPS

- Internal dialog between initial partners
- Series of conference calls
- Discussion topic survey questionnaire

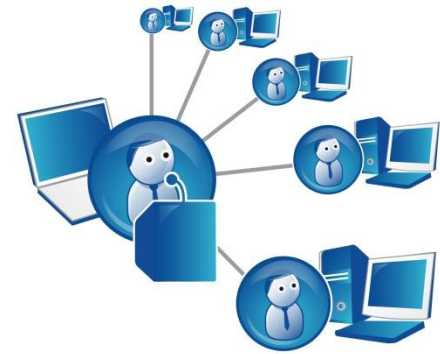


FINAL OUTCOME

- Host a Network under the Water Quality Monitoring Council
- Webinar format
- Feature presentations on topics of interest identified from survey of participants



WHY WEBINARS ?



- Provides an easy way to share information
- VOT Conf-Calls allow for everyone to participate, ask questions and discuss the topic presented
- Provides other features such as “Chat”, sharing/demonstrating software, visiting Websites...
- Allows for sharing after the session (Recording and basic editing)



BENEFITS-Participants

- Timely presentations of emerging topics
- Real-time discussions
- Collaborations/ Networking
- Live access via internet and smartphones
- 24/7 access to webinar recordings
- Training
- Viewing rooms
- Enrichment
- Participate and review

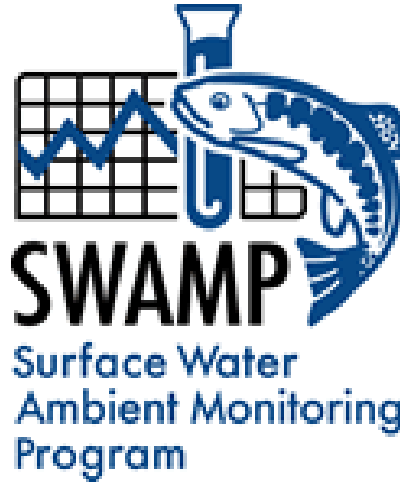
BENEFITS-Presenter



- Access to an actionable audience
- Recorded webinar session
- Introduction to Webinar presentation/hosting
- Participant list
- Collaborations/ Networking

CO-SPONSORS

P
A
S
T



DELTA
STEWARDSHIP
COUNCIL



FUTURE



WHO'S BEEN PARTICIPATING

The following regional and citizen monitoring efforts currently participating in this collaborative effort:

- Alpine Watershed Group
- Central Coast Long-term Environmental Assessment Network (CCLEAN Program)
- Central Coast Water Quality Data Synthesis, Assessment, and Management (SAM) Project
- Coastal Watershed Council
- Delta Monitoring Program
- Heal the Bay
- National Park Service-SF Bay Area Inventory & Monitoring Network
- North Coast Water Network
- Orange County Coastkeeper
- Sacramento River Watershed Program
- San Diego Citizen Water Monitoring Consortium
- San Diego Coastkeeper
- San Diego River Park Foundation
- San Diego Stream Team
- San Francisco Estuary Institute (SFEI)
- San Gabriel Mountains Regional Conservancy Network
- Santa Monica Baykeeper
- Sierra Nevada Alliance
- Southern California Coastal Water Research Project (SCCWRP)
- USGS California Water Science Center
- Current real-time streamflow and water quality data
- Water quality sample data
- Water Quality Protection Program (WQPP) for the Monterey Bay National Marine Sanctuary

http://www.waterboards.ca.gov/mywaterquality/monitoring_council/collaboration_network/index.shtml#participant

TOPICS ADDRESSED

- Programs
- Projects
- Monitoring Tools
- Q/A
- Management/Administrative Tools
- Data Sharing
- Reporting

http://www.waterboards.ca.gov/mywaterquality/monitoring_council/collaboration_network/index.shtml#webinar

WEBINARS: 6/2009-6/2012

- Water Quality Goals
- [StreamStats: A Streamflow Web Application](#)
- Finding the Right Funders
- [Ecological Condition Assessments of California's Perennial Wadeable Streams: Highlights from the SWAMP's PSA](#)
- An introduction to the Concept of Reporting Limits
- [Yurok Tribe Water Quality Monitoring Program: A Tribal Perspective on the Development of a Comprehensive Water Quality Monitoring Program](#)
- [The Stream Pollution Trends Program \(SPoT\)](#)
- [Integrated Watershed Management](#)
- [Monitoring Trash, TMDLs and Efforts Towards Compliance](#)
- Health and Safety Responsibilities for Program Managers of Water Quality Monitoring Projects
- [Introduction to the National Environmental Methods Index \(NEMI\)](#)
- [Selecting and Working With Laboratories](#)
- [Application of the USGS SPARROW model to Understand Nitrogen and Phosphorus Transport in California](#)
- [Water Quality Monitoring Sensors](#)
- [Monitoring Directories-Demonstration of the Central Valley Monitoring Directory](#)
- [Introductory Mine Waste Characterization](#)
- Collaborations for Healthier Streams: California Watersheds and AmeriCorps Programs
- [Using the California Data Exchange Network \(CEDEN\)](#)
- [Developing a Comprehensive Watershed-wide Monitoring Program for Surface Water](#)
- [An Introduction to the California Rapid Assessment Method \(CRAM\) for California Wetlands](#)
- [Riparian Proper Functioning Condition Assessment \(PFC\) as a Tool to Inform Land Managers About Priorities for Addressing Water Quality](#)
- [Invasive Species Risk Assessment and Planning \(ISRAP\): A New Tool for Managing the Risk of Moving Aquatic Invasive Species in Natural Resource Monitoring and Management Activities](#)
- [Developing a California Whole System Report Card](#)
- [Site-Specific Profiles of Fish Feminization in Surface Waters of California Indicate Multiple Causes of Estrogenic Activities](#)
- [Orange County CoastKeeper: Redefining the Realm of Citizen Monitoring](#)
- [Microbial Source Tracking \(MST\)](#)
- [Genetic Testing of Cyanobacteria Blooms](#)
- [Friends of Deer Creek: Linking Science, Water and People](#)
- [Aquatic Invasive Species](#)
- [Citizen Monitoring in Watersheds Flowing to the Monterey Bay National Marine Sanctuary](#)
- [Clean Water Act \(CWA\) & 303\(d\) Solicitation and Data Submission Process](#)
- [California Data Uploading and Checking System](#)
- [California Clean Water Team](#)
- [California Water Quality Monitoring Council](#)



SOCIAL MEDIA

- The California Water Quality Monitoring Professional Network is a LinkedIn Group that further enables water quality monitors and CWQM CN members to have the ability to further collaborate and communicate outside of the current Webinar series and emails.

GOAL

- After 30+ webinars and nearly 3 years of activity we still hold on to the vision that the Collaboration Network helps and will continue to support a state framework to coordinate consistent and scientifically defensible programs

VISIT US



State of California
ENVIRONMENTAL PROTECTION AGENCY
NATURAL RESOURCES AGENCY

Skip to: [Content](#) | [Footer](#) | [Accessibility](#)

CALIFORNIA WATER QUALITY MONITORING COUNCIL

[Home](#) | [Safe to Drink](#) | [Safe to Swim](#) | [Safe to Eat Fish](#) | [Ecosystem Health](#) | [Stressors & Processes](#) | [Contact Us](#)

My Water Quality | Monitoring Council | This site is hosted by the Surface Water Ambient Monitoring Program (SWAMP) |

California Water Quality Monitoring Collaboration Network

A statewide forum for members of the monitoring community to share ideas, successes and common concerns.

http://www.waterboards.ca.gov/mywaterquality/monitoring_council/collaboration_network/index.shtml