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**Sent:** Thursday, August 11, 2016 4:49 PM  
**To:** Linda Turkatte [EH]  
**Cc:** citizen\_monitoring\_program@swrcb18.waterboards.ca.gov  
**Subject:** Upcoming Webinars and New Videos



## California Water Quality Monitoring Council

### Upcoming Webinars (not hosted by the CWQMCN) and New Videos (on the CWQMCN YouTube Channel)

#### WEBINARS

##### Advancing Partnerships for Healthy Watersheds

Thursday, August 18 1pm - 2pm EST

Watersheds don't fall into clear-cut city or county boundaries. To manage these systems, it can take more than one municipality or organization to design a holistic approach. Tackling multi-jurisdictional challenges requires defined goals, responsibilities and funding sources which can be difficult to handle without strong partnerships. What's the ideal recipe for a successful watershed partnership? Ingredients include pinpointing specific geographic areas, targeting stressors and including grassroots organizations, all while steadily evaluating and communicating achievements. Hear from experts who have successfully advanced watershed partnerships through strategic collaboration and goal-setting.

Speakers include:

- \* Carol Collier, Senior Advisor for Watershed Management and Policy, Academy of Natural Sciences at Drexel University
- \* Jason Pierce, Manager of Watershed and Contract Services, Upper Trinity Regional Water District (Texas)

Register here<[##### Webcast: Bacteria Monitoring for Safe & Healthy Waters](http://r20.rs6.net/tn.jsp?f=001w-tkVfK9fMpVXxZWjLNIzZILt_zS8Gjgc3A31Zd6QBuCNyL9wdQDJ9pOSzdMFWxyACJFmH-H1WjXGeSG77Wpfrxj9UnzqLPPPBs_WYo_vDvBmi6ec7KG65iLO6T3xUpdQ2FgyS3R8btBny7Pqa4oluazf3ztAscrLxpd3lFw2rUrOcTbJMaf-fJ3irPCOyMVBif416nLYmF1tAY8BwxMa7_cj00JtAC&c=y2qfh1Hj3PSnScT-ff0-FVmlBas_K8VrR-SaCFLj8WhcHkSNmuhw==&ch=zKB5bGghvEg_b9aCogKWQHdNd0U4LXLZTfJRVmqoy08M3pSjUoj_-Q==></a></p>
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August 31, 2016, 1:00 – 2:30 PM EST

This FREE webcast highlights lessons from the recently released, *Safe Waters, Healthy Waters: A Guide for Citizen Groups on Bacteria Monitoring in Local Waterways* by the Center for Watershed Protection. The guide provides step-by-step instructions to create a customized bacteria monitoring program, methods to investigate potential pollutant sources, and resources for putting collected data to use. It focuses especially on human sewage and monitoring techniques to identify specific sources of sewage. The webcast will also feature success stories coming out of Surfrider Foundation and Hudson Riverkeeper's bacteria testing programs. Space is limited! Please register here: <http://cwp.adobeconnect.com/swhw8/event/registration.html>

##### National Water Quality Monitoring Council Webinar Series "Exploring the Worlds of Citizen Science and Volunteer Monitoring"

Featuring a presentation by:

Tina Phillips, Public Engagement in Science Program at the Cornell Lab of Ornithology,  
Kris Stepenuck, Extension Program Leader for Lake Champlain Sea Grant,  
and moderated by Julie Vastine, Director of Alliance for Aquatic Resource Monitoring

**ABSTRACT:** While aquatic-based volunteer monitoring has been around for more than five decades, the term citizen science is generating a great deal of buzz and attention - resulting in international studies, new articles, and focused mini-conferences. With new agencies and programs coming to the community-based scientific research table, now is the time to discuss what exactly is volunteer monitoring and citizen science, synergies, as well as avenues for collaboration and increased integration.

This webinar will explore the general fields of citizen science and volunteer monitoring, highlight the successes/outcomes of the volunteer monitoring field, and end with a discussion of how to learn from each other strengths, challenges, and discuss avenues for increased collaboration.

**The webinar will be offered on Wednesday, August 31st** at 2:00 pm ET (11:00 am PT). Pre-registration is REQUIRED for this event. To register, please click [here](#) and register. Once your registration has been approved, you will receive a confirmation email with instructions for joining the Webinar.

For additional details, please see the attached flier. If you miss the webinar and would like to view them later, please visit our [YouTube page](#) to view our archive of webinars, or, visit our [website](#) for more information.

**EPA's Water Quality Modeling Workgroup is pleased to announce two upcoming water quality modeling webinars.**

#### **Modeling Dissolved Oxygen**

Tuesday August 30<sup>th</sup>, 1pm Eastern

This webinar will focus on dissolved oxygen in the aquatic environment. Particular emphasis will be placed on how to model dissolved oxygen with a detailed discussion of sources and sinks. In addition, there will be a discussion on how to choose the appropriate model based endpoints and water quality standards.

Registration: You must register in advance to participate in this free Webcast. Please register at: <https://attendee.gotowebinar.com/register/9122204149160362242>. For more information contact Jason Gildea ([gildea.jason@epa.gov](mailto:gildea.jason@epa.gov)). Please be sure to view system requirements prior to the webcast.

#### **Watershed Modeling Using HSPF**

Wednesday September 21<sup>st</sup>, 1pm Eastern

Development of EPA's Hydrological Simulation Program – FORTRAN (HSPF) began in the 1980's, and yet the model is still recognized as one of the most comprehensive, flexible models of watershed hydrology and water quality currently available. It is one of few models that can simulate the continuous and dynamic storm events of both hydrologic/hydraulic and water quality processes in a watershed, with an integrated linkage of surface, soil, and stream processes, including both nonpoint and point sources of pollution. HSPF offers advantages for water quality modeling supporting both regulatory and planning applications. This webinar presents an overview of HSPF capabilities and application procedures, as well as selected application case studies.

Registration: You must register in advance to participate in this free Webcast. Please register at: <https://attendee.gotowebinar.com/register/554870018581964290>. For more information contact Jason Gildea ([gildea.jason@epa.gov](mailto:gildea.jason@epa.gov)). Please be sure to view system requirements prior to the webcast.

#### **Species in the Spotlight Webinar Series**

Join NOAA Fisheries experts every week in August to learn more about our efforts to conserve and recover our "[Species in the Spotlight](#)." Webinars are held at either 12pm ET (August 10, 24, 31) or 2pm ET (August 3, 17). To access the webinar, go to [www.mymeetings.com](http://www.mymeetings.com), click "Join Event," and enter conference #744925156 (no passcode.) For audio, dial 1-877-708-1667 and enter passcode 7028688.

[www.nmfs.noaa.gov/stories/2015/05/05\\_14\\_15species\\_in\\_the\\_spotlight.html](http://www.nmfs.noaa.gov/stories/2015/05/05_14_15species_in_the_spotlight.html)

#### **VIDEOS**

**June 2016 One Day Workshop on Identifying and Responding to Cyanobacteria Harmful Algae Waterblooms in California – 7 Videos Playlist**

To assist water resource managers and scientists the Office of Information Management and Analysis (OIMA) and the Surface water Ambient Monitoring Program's of the State Water Resources Control Board offered a series one day workshop throughout California. The workshops consisted of 7 lectures and some laboratory time (taxonomic identification). This recording of the 7 lectures, including introduction) was made on June 14, 2016 at the University of California Davis.

[www.waterboards.ca.gov/water\\_issues/programs/swamp/freshwater\\_cyanobacteria.shtml](http://www.waterboards.ca.gov/water_issues/programs/swamp/freshwater_cyanobacteria.shtml)

**2016 California Water Quality Science Symposium - 15 Videos Playlist**

The Water Boards' Surface Water Ambient Monitoring Program (SWAMP) hosted the 1st Annual Water Quality Science Symposium this summer (June 29, 2016). This symposium followed the Water Boards' Data Fair in March and Data Innovation Challenge in April, with the focus being on the use of data by other programs and Departments.

This is an annual event that aims to

- \* daylight surface water quality data, insights, and interests on California surface water quality topics
- \* better connect data, information and knowledge to water quality stakeholders and decision makers; and
- \* create a networking community to enhance better communication throughout the year.

[www.waterboards.ca.gov/resources/data\\_databases/wq\\_science\\_symposium.shtml](http://www.waterboards.ca.gov/resources/data_databases/wq_science_symposium.shtml)

[Water Quality Science Symposium Welcome, Introductions, and Keynote Address \(34:59\)](#)

[How to Better Integrate Science, Data \(from Monitoring\), and Program Needs for More Effective Work \(45:25\)](#)

[Integrating monitoring to better understand patterns and trends \(31:57\)](#)

[Department of Pesticide Regulation \(DPR\) Surface Water Monitoring Program Overview \(27:51\)](#)

[Bioaccumulation in California \(33:01\)](#)

[Aggregating Municipal and State Open Data for Water Quality Investigations \(21:55\)](#)

[Bugs, Fish and Algae, oh my...California's Bioassessment Program \(17:33\)](#)

[Using Biological and Habitat Indices Together for Bioassessment of California Streams \(11:57\)](#)

[Benthic Algae as a Tool for Bioassessment and Nutrient Monitoring in California \(19:32\)](#)

[How Can the Water Boards Use Bioassessment Data? \(17:43\)](#)

[Data Integration and Healthy Watershed Assessments \(18:57\)](#)

[Applications & Limitations of Bioassay Methods For Contaminants of Emerging Concern \(30:57\)](#)

[Assessments Satellite Monitoring for Cyanobacteria in Large Waterbodies across California \(27:50\)](#)

[Center for Water Energy Efficiency's Tool to Visualize Energy Savings Through Water Conservation \(20:00\)](#)

[How Watershed Monitoring Programs and Data Science Can Help Programs with Decision Making \(5:17\)](#)

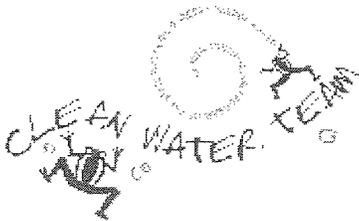
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**Clean Water Team**

[www.waterboards.ca.gov/water\\_issues/programs/swamp/cwt\\_volunteer.shtml](http://www.waterboards.ca.gov/water_issues/programs/swamp/cwt_volunteer.shtml)  
[www.youtube.com/cleanwaterteamvideos](http://www.youtube.com/cleanwaterteamvideos)  
<http://creekwatch.researchlabs.ibm.com/>

**California Water Quality Monitoring Collaboration Network**

[www.waterboards.ca.gov/mywaterquality/monitoring\\_council/collaboration\\_network/index.shtml](http://www.waterboards.ca.gov/mywaterquality/monitoring_council/collaboration_network/index.shtml)  
[www.youtube.ca.gov/CWQMCN](http://www.youtube.ca.gov/CWQMCN)

**Safe-to-Swim**

[www.mywaterquality.ca.gov/](http://www.mywaterquality.ca.gov/)  
[www.mywaterquality.ca.gov/monitoring\\_council/swim\\_workgroup/](http://www.mywaterquality.ca.gov/monitoring_council/swim_workgroup/)

**Email Subscriptions**

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