

California Water Quality Monitoring Collaboration Network Participant:

Join the California Water Quality Monitoring Collaboration Network and EPA's Dr. Scot Hagerthey from your own workspace for a special Webinar session, "Causal assessments in streams and the CADDIS approach". Please join us on Thursday, May 9, 2013, 11:30 AM -12:30 PM. Please see the instructions below *to join the webinar. To watch the presentation, "join the online meeting" and to hear the meeting, "join the teleconference"* as we use voice over phone protocol.

Causal Assessments in Streams and the CADDIS Approach

This webinar will provide a general overview of causal assessment and how it relates to California's proposed biological objectives for perennial freshwater streams. It will outline the steps required to identify, using stressor identification, the likely causes of biological impairments.

More information can be found at:

- CADDIS provides a pragmatic guide for determining the causes of detrimental changes and undesirable biological conditions observed in aquatic systems.
www.epa.gov/caddis/si_home.html
- Concepts of Causation
www.epa.gov/caddis/si_concepts.html
- A Chronological History of Causation for Environmental Scientists
www.epa.gov/caddis/si_history.html
- A Conceptual and Historical Explanation of Our Causal Approach
www.epa.gov/caddis/si_approach.html
- Proposed Policy for Biological Objectives for (Perennial Streams & Rivers of) the State of California
www.waterboards.ca.gov/plans_policies/biological_objective.shtml
- Biological Objectives for CA Streams Causal Assessment Conceptual Workplan
www.waterboards.ca.gov/plans_policies/docs/biological_objective/causl_asmt_wkpln.pdf

Dr. Scot Hagerthey

Dr. Scot Hagerthey is an Ecologist in the Office of Research and Development's National Center for Environmental Assessment at the U.S. Environmental Protection Agency. The focus of his research is the development and implementation of methods for conducting effective and informative environmental assessments. His particular interests are assessing ecological condition, establishing causal relationships, developing predictive tools, assessing restoration outcomes, and quantifying ecological risk. A phycologist by training, his career has focused primarily on algae as biological indicators of aquatic ecosystem condition.

Meeting information

Topic: CWQMCN Webinar Causal Assessments

Date: Thursday, May 9, 2013

Time: 11:00 am, Pacific Daylight Time (San Francisco, GMT-07:00)

Meeting Number: 749 512 137

Meeting Password: wqwebinar

To start or join the online meeting

Go to

<https://waterboards.webex.com/waterboards/j.php?ED=200404397&UID=484113162&PW=NMTkzYTY2M2Yx&RT=Mim0>

Teleconference information

Call-in toll-free number (Verizon): 1-866-761-8603 (US)

Call-in number (Verizon): 1-517-652-7895 (US)

Show global numbers:

<https://wbbc.verizonbusiness.com/wbbcClick2Join/servlet/WBBCClick2Join?TollNumCC=1&TollNum=517-652-7895&TollFreeNumCC=1&TollFreeNum=866-761-8603&ParticipantCode=5095154&customHeader=mymeetings&dialInNumbers=true>

Attendee access code: 509 515 4

For assistance

1. Go to <https://waterboards.webex.com/waterboards/mc>

2. On the left navigation bar, click "Support".

To add this meeting to your calendar program (for example Microsoft Outlook), click this link:

<https://waterboards.webex.com/waterboards/j.php?ED=200404397&UID=484113162&ICS=MS&LD=1&RD=2&ST=1&SHA2=uUb/HYs6mGWlyLydBsWQcvVr6l4aiMv-M4mFh5GaQMo=>

To check whether you have the appropriate players installed for UCF (Universal Communications Format) rich media files, go to <https://waterboards.webex.com/waterboards/systemdiagnosis.php>.

<http://www.webex.com>

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We have set up a webpage for the California Water Quality Monitoring Collaboration Network (CWQMCN) at:

www.waterboards.ca.gov/water_issues/programs/monitoring_council/collaboration_network/index.shtml
Webinar materials (if available), all past webinars (recordings and pdf's) will be posted on the website.

CWQMCN Emails:

You can join the webinar listserv by signing up on the web at:

www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml.

Enter your email address and name, place a check mark next to "Water Quality Monitoring Collaboration Network - Webinar Sessions", then click the "subscribe" button.