

Lead Scientists Report

Summary: This report covers three topics:

Science Reviews: (1) SWRCB Delta Outflows Workshop (2) SWRCB Interior Delta Flows Workshop

Collaborative Science Activities: (1) CABA Seminar on emerging techniques to quantify the effects of environmental change in Bay-Delta organisms (2) Science Steering Committee meeting (3) Environmental Data Summit

Science Communication: (1) Bay-Delta Science Conference (2) State Scientist Day (3) A summary of current numbers relevant to Delta water and environmental management.

Science Reviews

State Water Resources Control Board Delta Outflows Workshop

On February 10-11, 2014, the Delta Science Program held an independent science panel workshop for the SWRCB. This workshop focused on identifying the best available science on Delta outflows and related stressors to inform the SWRCB's update to the Bay-Delta Plan. The panel's report has been received and transmitted to the State Water Board. The Council will be briefed on the key findings of the panel at the June meeting. More information including the panel's report can be found at: <http://deltacouncil.ca.gov/science-program/workshop-delta-outflows-and-related-stressors>

State Water Resources Control Board Interior Flows Workshop

On April 16-17, 2014, the Delta Science Program held another independent science panel workshop for the State Water Resources Control Board. This workshop focused on identifying the best available science on Delta Interior Flows and associated stressors to inform the State Water Board's decisions. The panel's report should be available for the June Council meeting. More information can be found at: <http://deltacouncil.ca.gov/science-event/10470>

Collaborative Science Activities

Seminar on Emerging Techniques to Quantify the Effects of Environmental Change in Bay-Delta Organisms

The Delta Science Program and the UC Davis Center for Aquatic Biology and Aquaculture (CABA) held a science synthesis seminar on May 12, 2014. The title of this seminar was "Emerging techniques to quantify the effects of environmental change in Bay-Delta organisms." This seminar provided scientists and managers with an overview of some of the new genetic tools and other innovative approaches for answering some of our most pressing ecosystem questions. More information can be found at: <http://deltacouncil.ca.gov/science-event-detail/10584>

Science Steering Committee Meeting

The Delta Science Program will hold the first meeting of its Science Steering Committee on May 27, 2014. The Committee is composed of leaders from the Delta science community and will advise the DSP on implementation of the Delta Science Plan.

Environmental Data Summit 2014

This summit was identified as a high priority by the scientific community during the development of the Delta Science Plan. The summit will be held on June 5-6, 2014 at the University of California Davis Conference Center. Further details and registration is available at the website below. Several nationally recognized data management experts will be featured speakers as well as leaders within California programs and organizations. The summit will result in a vision document/work plan to help scientists and decision makers make use of cutting edge technologies and big data strategies.

<http://environmentaldatasummit2014.deltacouncil.ca.gov/>

Science Communication

Bay-Delta Science Conference

The 8th Biennial Bay-Delta Science Conference call for abstracts is out. Abstracts are due by June 11, 2014. The goal of the conference is to provide new information and syntheses to the broad community of scientists, engineers, resource managers, and stakeholders working on Bay-Delta issues. More information can be found at:

<http://scienceconf2014.deltacouncil.ca.gov/about-conference>

State Scientist's Day

On May 14, 2014, the DSP staff participated in State Scientist's Day, an event put on by the California Association of Professional Scientists (CAPS). The event was attended by approximately 1,000 students, from grades 2-8 who engaged with DSP staff to learn about the Delta and what it means to be a steward of the Delta. More information can be found at: <http://capsscientists.org/ssd/>

By the Numbers

The Sea Grant State Fellow will give a summary of current numbers related to Delta water and environmental management. The summary will inform the Council of recent counts, measurements and monitoring figures driving water and environmental management issues.

List of Attachments

Attachment 1: By the Numbers Summary

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