

“Rapid Environmental Change” Events

Delta Independent Science Board Meeting Materials

Draft (9/30/19)

Representatives from the Delta Independent Science Board (Delta ISB) are advising a 2-member workgroup that was endorsed by the Delta Plan Interagency Implementation Committee on organizing a workshop in late April 2020 to identify key science needs to support long-term management in the context of rapid environmental change, and explore how the science enterprise should be organized to better address complex problems. Concurrent with this effort, the Delta ISB is also in the process of drafting a paper to draw attention to rapid environmental change and its implications on how science and management are done in the Delta. To help inform the Delta ISB efforts, staff have compiled a list of past and upcoming events related to rapid environmental change. If there are events to add, please e-mail

disb@deltacouncil.ca.gov.

Events

Date	Event Title	Host	Recorded	Location	Description
9/17/19	Planning for Change: Climate Change Vulnerability and Adaptation Summit	California Department of Water Resources	No	Sacramento, California	The purpose of this summit is “to inspire water management and climate change technical communities to work together to achieve water resilience for California. Decision makers discussed prominent future climate change uncertainties and threats and the role of those risks in ongoing and future water management activities.” DWR Event Page: https://water.ca.gov/News/Events/2019/September-19/Planning-for-Change
10/6/19	Accelerating Climate Change for a World that Works	Stanford University	No	Stanford, California	This event will “explore emerging solutions and their promise for reducing greenhouse gases, protecting human health, and meeting humanity’s need for food, water, energy, and a safe, sustainable planet.” Stanford Event Page: https://climatesolutions.stanford.edu

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10/21/19	Forward-Looking Science in the San Francisco Estuary	San Francisco Estuary Partnership	No	Oakland, California	<p>During the State of Estuary Conference, the Delta Science Program will moderate a panel discussion “on how the science enterprise across the estuary can best support strategic and forward-looking management and stakeholder needs in the face of a rapidly changing environment.” Dr. Stephen Brandt of the Delta ISB is one of the panelists.</p> <p>State of Estuary Conference Event Page: https://www.sfestuary.org/state-of-the-estuary-conference/</p>
11/19/19	Thresholds and Ecosystem Restoration Symposium	UC Davis and Delta Science Program	Yes	Davis, California	<p>This one-day symposium will bring together scientists and managers to understand the methods available to diagnose ecosystem changes and associated uncertainties to inform habitat restoration, and the recovery of ecological functions and services.</p> <p>Registration closes on 11/12/19.</p> <p>Thresholds and Ecosystem Restoration Symposium: https://marinescience.ucdavis.edu/events/upcoming-events/thresholds_and_ecosystem_restoration</p>
6/7 to 6/12/20	Sustaining Aquatic Ecosystems under Global Change	ALSO-SFS	No	Madison, Wisconsin	<p>The Association for the Sciences of Limnology and Oceanography (ASLO) and the Society for Freshwater Science (SFS) will have a joint meeting in 2020 centered around the theme of global change. Sessions are being organized to highlight work relevant to sustaining aquatic ecosystems under rapid change.</p> <p>ASLO-SFS Event Page: https://www.asloofs2020.org/a</p>

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TBD	Climate Change Project Work Team	Interagency Ecological Program	No	Sacramento, CA	<p>The Interagency Ecological Program is in the process of forming a climate change project work team, which will be open to the public. The objectives of this project work team is still being finalized, but will focus on developing a conceptual model, assessing effects of climate change on the ecosystem, and developing metrics from climate change impacts.</p> <p>Interagency Ecological Program Website: https://water.ca.gov/Programs/Environmental-Services/Interagency-Ecological-Program</p>