



# Delta Independent Science Board

DELTA STEWARDSHIP COUNCIL

715 P Street, 15-300  
Sacramento, California 95814  
<https://deltacouncil.ca.gov>  
(916) 445-5511

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Posted Date: September 1, 2023

## Meeting Notice of the Delta Independent Science Board

Thursday, September 14, 2023  
9:00 AM to 3:00 PM PT

This is a teleconference meeting of the Delta Independent Science Board (Delta ISB). The teleconference locations of Delta ISB members are found at the end of this notice.

Information for a remote public participation option is found below.

**An additional public access location with Delta ISB staff present will be available at:**

California Natural Resources Agency  
715 P Street, Room 2-309  
Sacramento, CA 95814

(Delta ISB members will not be present at this location.)

### Public Comments

Information for providing public comments is at the end of this notice. Public comment may be limited to three minutes per person.

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### Webcast

The meeting will be webcast and recorded. The webcast may be accessed at on [Cal-SPAN](https://cal-span.org/static/index.php): <https://cal-span.org/static/index.php>. With this option, you will not be able to provide oral comments.

### Remote Participation Option

To participate remotely via [Zoom](https://us02web.zoom.us/webinar/register/WN_2yNC39d3RB6ELGvLr8Zhww), please provide a Zoom name and email address at [https://us02web.zoom.us/webinar/register/WN\\_2yNC39d3RB6ELGvLr8Zhww](https://us02web.zoom.us/webinar/register/WN_2yNC39d3RB6ELGvLr8Zhww)

After registering, you will receive an email to the email address provided with instructions to join the webcast. If you have a computer microphone, you will have the option to receive audio and provide oral comments through your computer. If not, please dial the phone number listed in your confirmation email.

Note: Accessing the Zoom webcast requires you to enter a name and email, which may be disclosed as public information.

### **Phone Only Option**

If you need a phone-only option, please call the Clerk of the Board at 916-902-6571 by 8:00 AM on Thursday, September 14, 2023.

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### **Meeting Materials**

Materials referenced in this notice are available on the Delta ISB's [meetings web page](https://deltacouncil.ca.gov/delta-isb/meetings) at <https://deltacouncil.ca.gov/delta-isb/meetings>. Members of the public are encouraged to visit the events web page to view the meeting materials.

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### **Purpose**

The Delta ISB will meet to discuss its reviews and activities, such as its review of the draft Pyrethroid Research Plan by the Central Valley Regional Water Quality Control Board. Based on the discussion, the Delta ISB may take action on next steps for submitting the review to the Central Valley Regional Water Quality Control Board.

**At ~12:00 PM**, the Delta ISB will continue its seminar series on decision-making under deep uncertainty. **Brett Milligan**, associate professor at the UC Davis Department of Human Ecology, will present on scenario development methods specific to the Delta region. The seminar will explore the various drivers of scenarios, and Milligan will provide examples from his work, such as Franks Tract Futures, to explain how scenarios can be developed with stakeholder participation.

Lastly, the Delta ISB will discuss in closed session the qualifications of a potential interim Delta Lead Scientist for Council consideration pending the ongoing recruitment.

This Purpose section describes the highlights. For more information about the meeting, refer to the agenda below.

### **Agenda**

The agenda items listed below may be considered in a different order pursuant to the determination of the Delta ISB chair. The times listed on the agenda are approximate only. At the discretion of the Delta ISB, all items appearing on this

agenda, whether expressly listed for action, may be deliberated upon and may be subject to action.

**~ 9:00 AM: Meeting Starts**

1. Welcome and Declarations
2. Delta ISB Chair Report and Business Matters
3. Delta Lead Scientist Report

Delta Lead Scientist Dr. Laurel Larsen will provide an update on recent Delta Science Program activities.

4. Discussion and Potential Action: Draft Pyrethroid Research Plan Review  
(Action Item)

The Central Valley Regional Water Quality Control Board has released the [draft Pyrethroid Research Plan](#) for public comments, which are due on September 18, 2023. The Delta ISB will discuss its review of the draft Pyrethroid Research Plan. Based on the discussion, the Delta ISB may take action on next steps for submitting comments to the Central Valley Regional Water Quality Control Board.

5. Discussion: Food-webs Review

The Delta ISB will discuss progress made on its food-webs review ([see prospectus](#)). The review will assess the importance of food-web interactions in the Delta, and identify where improved understanding and tools (e.g., food-web models) might substantially improve predictions of an individual species' response to environmental drivers and management actions.

6. Discussion: Subsidence Review

The Delta ISB will discuss progress made on its subsidence review ([see prospectus](#)). This review will synthesize and evaluate the state of science related to subsidence management in order to provide recommendations to inform and guide ongoing and future subsidence management.

7. Discussion: Decision-making under Deep Uncertainty Review

The Delta ISB will discuss progress made on its decision-making under deep uncertainty review ([see prospectus](#)). The review will build an understanding of the scientific tools and concepts that can increase the capacity to anticipate and adapt to growing uncertainty of future conditions in the Bay-Delta system.

**~ 11:30 AM: 30 Minute Break. Meeting resumes at ~12:00 PM**

8. Seminar: "Making Futures: Participatory Scenario Planning in California's Delta" Brett Milligan (*starts at ~12:00 pm*)

The Delta ISB, with support from the Delta Science Program, is hosting a seminar series to explore ideas from decision-making under deep uncertainty and present tools that can help managers and stakeholders evaluate and plan for a range of plausible futures in the Sacramento-San Joaquin Delta.

At this Delta ISB meeting, in the series' fourth seminar, **Brett Milligan**, associate professor at UC Davis in the Department of Human Ecology, will present on scenario development methods specific to the Delta region. The seminar will explore the various drivers of scenarios, and Milligan will provide examples from his work, such as Franks Tract Futures, to explain how scenarios can be developed with stakeholder participation. For more information, please refer to the [save-the-date flyer](#).

**~ 1:00 PM: 15 Minute Break. Meeting resumes at ~1:15 PM**

9. Delta ISB Postdoctoral Scholar Update

Delta ISB postdoctoral scholars, Dr. Lillian McCormick and Dr. Kristine Grace Cabugao, will provide an update to the Delta ISB on their independent research outside of providing staff support for Delta ISB reviews.

- a) "Illuminating food web species interactions in the Bay-Delta Estuary" by Dr. Lillian McCormick
- b) "Cultivating Carbon: A belowground perspective on carbon markets" by Dr. Kristine Grace Cabugao

10. New Staff Presentation: "How mountains can inspire science in the Delta: Lessons learned from social-ecological system models" by Dr. Xoco Shinbrot

Sr. Environmental Scientist Dr. Xoco Shinbrot, who started with the Delta Science Program in July 2023 and is part of the Delta ISB staff support team, will provide an overview of her past research and background.

11. Update on Delta Lead Scientist Recruitment

The Delta Stewardship Council, in partnership with the United States Geological Survey, is in the process of recruiting the next Delta Lead Scientist for a term to begin in summer 2024. Pursuant to the Delta Reform Act, the

Council consults with the Delta ISB on the appointment of the Delta Lead Scientist. A [recruitment flyer](#) was released on July 6, and applications are due on September 13.

**~ 2:15 PM: Closed Session Begins**

12. Closed Session (Personnel Matters): Delta Lead Scientist Appointment (Action Item) (Not Open to the Public)

The Delta ISB will discuss in closed session the qualifications of a potential interim Delta Lead Scientist for Council consideration pending the ongoing recruitment. The Delta ISB may take action regarding next steps.

This closed session is authorized under Government Code section 11126, subdivision (a).

**~ 2:45 PM: Closed Session Ends; Resume Open Session**

13. Resume Open Session and Report out on Closed Session

The Delta ISB will report out if it takes action concerning next steps for the Delta Lead Scientist recommendation.

14. Review of Items for Follow-up

Staff will provide a summary of any follow-up items for individual members to address after the meeting.

15. Public Comments

The Delta ISB will take public comments on topics within its jurisdiction that are not on the agenda.

**~ 3:00 PM: Meeting adjourned**

**Delta ISB Member Teleconference Locations**

*Location 1:*

Chesapeake Biological Lab  
Parish House  
146 Williams Street  
Solomons, MD 20688

*Location 2:*

15 Phillips Road  
Palo Alto, CA 94303

*Location 3:*

University of Tennessee  
425B Hesler Hall  
Knoxville, TN 37996

*Location 4:*

Fieschertalstrasse 81  
3984 Fiesch  
Switzerland

*Location 5:*  
260 Panama St  
Stanford, CA 94305

*Location 6:*  
1380 Lawrence St., Suite 500  
Denver, CO 80204

*Location 7:*  
6970 Cabernet Place  
Corvallis, OR 97330

*Location 8*  
1010 Guard St  
Friday Harbor, WA 98250

*Location 9*  
Institute of Arctic and Alpine Research,  
450 UCB  
4001 Discovery Drive  
Boulder, CO 80303

\*Not Available until 10:30 AM PT

*Location 10:*  
1228 Avondale Lane  
West Palm Beach, FL 33409

## **Contact**

- If you have any questions, please contact the Clerk of the Board at 916-902-6571 or [disb@deltacouncil.ca.gov](mailto:disb@deltacouncil.ca.gov).
- If you need reasonable accommodation due to a disability, please contact the Delta Stewardship Council's Human Resources Office at 916-445-5511.

## **Public Comments**

- Members of the public shall be provided an opportunity to address the Delta ISB on any agenda items except closed session items and those items for which the public has already been afforded such opportunity at an earlier meeting.
  - In addition, comments during the Public Comment period (Agenda Item 15) shall be limited to matters within the Delta ISB's jurisdiction and not on the agenda. Reasonable time limits may be established for public comments (Government Code Sections 11125.7).
- To make an oral public comment, please complete a blue card that is available near the entrance of the meeting location and provide it to the meeting clerk or Delta ISB member at that meeting location.
- If you are on the Zoom webcast and would like to provide oral public comments, please email the meeting clerk at [disb@deltacouncil.ca.gov](mailto:disb@deltacouncil.ca.gov) and provide a name, organization (if applicable – not required), and the agenda item you wish to comment on. Please be on mute until prompted by the Delta ISB chair to provide your comment. If you prefer to provide written comments, please email the meeting clerk the message that should be read to the Delta ISB during the agenda item.

- The Delta ISB is not responsible for unforeseen technical difficulties that may occur. The Delta ISB is under no obligation to postpone or delay its meeting in the event such technical difficulties occur during or before the meeting. In the event of technical difficulties with access via Zoom, please listen in by phone using the number that is provided to you upon registration.

### **Parking Information**

Metered street parking is available on adjacent streets near the California Natural Resources Agency. Paid parking is also available at a state-owned parking garage at 10th and P Streets and a private-owned parking lot at 7th and Q Streets. The closest light rail station is the 8th and O Station.