



Delta Independent Science Board

DELTA STEWARDSHIP COUNCIL

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

Posted Date: August 28, 2025

Meeting Notice of the Delta Independent Science Board: Emerging Climate Science Symposium

September 16 and 17, 2025

9:00 AM to 4:30 PM PT

Some members may attend remotely by Zoom. A quorum will be present at the location listed below (Gov. Code Section 11123.2).

Location

Putah Creek Lodge
University of California, Davis
685 Putah Creek Lodge Dr
Davis, CA 95616

Public Comments

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

Remote Participation Option

To participate remotely via [Zoom](https://us06web.zoom.us/join), please provide a Zoom name and email address at https://us06web.zoom.us/webinar/register/WN_hiwZp1jvQb6eY5iNnKK2Xg#.

After registering, an email will be sent to the email address provided with instructions on how 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. In the event of technical difficulties with access via Zoom, please listen in by phone using the number provided to you upon registration. In case of meeting

interruption due to technical difficulties, please visit the Delta ISB's [meetings web page](#) for additional information. A recording will be available after the event.

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 Tuesday, September 16, 2025.

Archived Webcast

The meeting will be archived via [Delta Stewardship Council's YouTube Channel](#):
<https://www.youtube.com/@DeltaCouncil>

Meeting Materials

This notice and the materials referenced in it are available on the Delta ISB's [meetings web page](#) 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.

Purpose

On September 16 and 17, the Delta ISB will hold an emerging climate science symposium at the Putah Creek Lodge at UC Davis. The symposium will explore current climate projections for the Sacramento-San Joaquin Delta, related uncertainties, and how the current state of climate science is being integrated into decision-making in the Delta. The symposium will help identify information gaps that should be filled to inform management and assess how current management approaches, including climate adaptation and mitigation, align with the latest research in the field (see [prospectus](#) for details).

Register to attend [in person](#) or [virtually](#). Registration is optional but encouraged to help with planning.

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

Pre-symposium Event: Walk-through of Summary of Select Documents Hosted by Dr. Anna Michalak of the Delta ISB

To help inform the symposium discussion, on **September 10 at 12 PM**, Dr. Anna Michalak of the Delta ISB will hold a virtual Zoom event to provide an overview of a [summary of select documents](#) and the NoteBookLM tool (see [save-the-date flyer](#) for more details). The summary of select documents was prepared with the assistance of the artificial intelligence tool, NoteBookLM, to synthesize the current

understanding of climate stressors and hazards associated with the Delta from publicly available documents.

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.

Day 1, September 16, 2025

~ 9:00 AM: Day 1 Meeting Starts

1. Welcome and Declarations

2. Public Comments

The Delta ISB will also take public comments on any topic not on the agenda within its jurisdiction, as part of the open forum.

3. Keynote Presentation: “Climate change, the Delta, and its watersheds: What we know, what we don’t, and what surprises might be out there”

Dr. Daniel Swain, a climate scientist at the California Institute for Water Resources, will provide an overview of changes to the stressors and hazards facing the Delta (e.g., sea level rise, precipitation) that are currently occurring or expected under future climate change and their compounding impacts.

4. Keynote Presentation: “Mists of the Future: State-of-the-art and uncertainties in converting climate projections to streamflow projections”

Dr. Laurel Larsen of Uppsala University will provide a review and synthesis of how climate projections are incorporated into water resource management worldwide, with an emphasis on the Delta.

5. Panel: Emerging Climate Research

Dr. Jayantha Obeysekera of the Delta ISB will moderate a panel discussion on emerging climate research. Each panelist will provide an overview of their cutting-edge work related to climate stressors or hazards relevant to the Delta. The following panel discussion will focus on the biggest gaps and uncertainties in the scientific understanding of Delta climate stressors and hazards. Topics that will be covered include atmospheric rivers, snowmelt,

wildfires, drought, flooding and sea level rise. Panelists are:

- a) Dr. Paul Ullrich, University of California, Davis
- b) Dr. Benjamin Hatchett, Colorado State University
- c) Dr. Mike Hobbins, University of Colorado, Boulder
- d) Dr. Carrie Levine, Spatial Informatics Group
- e) Dr. Dan Cayan, University of California, San Diego

~ 12:40 PM: 1 Hour Lunch Break

~ 1:40 PM: Reconvene Meeting

6. Panel: State of Science to Support Long-range Planning

Dr. Lisa Wainger of the Delta ISB will moderate a panel discussion that explores the relevance and applicability of the material presented earlier in the day to current work in the Delta region. Panelists will reflect on how the cutting-edge climate science and modeling approaches can be integrated into long range planning, including mitigation and adaptation. Panelists are:

- a) Dr. Dan Cayan, University of California, San Diego
- b) Dr. Mike Dettinger, University of California, San Diego
- c) Dr. Stefan Talke, California Polytechnic State University, San Luis Obispo
- d) Romain Maendly, California Department of Water Resources
- e) Liz Crosson, Metropolitan Water District of Southern California

7. Open Forum & Wrap Up

The Delta ISB will provide an opportunity for participants who are not presenting to share their cutting-edge work or how they are integrating the latest science in their work.

~ 4:30 PM: Day 1 Adjourned until September 17, 2025 at ~9:00 AM.

Day 2, September 17, 2025

~ 9:00 AM: Day 2 - Meeting Resumes

8. Welcome Back & Recap Day 1

9. Public Comments

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

10. Panel: Integrating Science for Decision Support in the Delta

Dr. Anna Michalak of the Delta ISB will moderate a panel discussion on how organizations working in the Delta are integrating climate science into their planning, including climate mitigation and adaptation, and what is most useful for decision support. Panelists are:

- a) Ryan Lucas, United States Bureau of Reclamation
- b) Michelle Jespersen, California Department of Water Resources
- c) Dan Constable, Delta Stewardship Council
- d) Elea Becker Lowe, Governor's Office of Land Use and Climate Innovation
- e) Sydney Chamberlin, The Nature Conservancy
- f) Brett Baker, Delta Farmer and Central Delta Water Agency

~ 12:30 PM: Lunch Break

~ 1:30 PM Breakout Sessions

After lunch, workshop participants will break out into smaller groups to identify gaps and needs based on presentations and discussion at the symposium. In the breakout session, participants will diagram the gaps and needs identified as they relate to practical implementation. **The breakout sessions are not a formal part of the meeting agenda and will not be recorded.** Delta ISB members will not participate in the breakout session.

~ 3:50 PM: Meeting Reconvenes

11. Breakout Session Report Out

Workshop participants will report out what they discussed during the breakout sessions for discussion with the Delta ISB.

12. Closing Remarks and Next Step

Dr. Jayantha Obeysekera of the Delta ISB will reflect on what was learned over the symposium and next steps.

~ 4:30 PM: Day 2 Adjourned

Contact

- If you have any questions, please contact the Clerk of the Board at 916-902-6571, email 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 each agenda item except closed session items.
 - In addition, comments during the Public Comment period (Agenda Item 2 and 9) 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.
- In the event of technical difficulties with access via Zoom, please listen in by phone using the number provided to you upon registration. In case of meeting interruption due to technical difficulties, please visit the Delta ISB's [meetings web page](#) for additional information. A recording will be available after the event.
- If you are on the Zoom webcast or on the phone and would like to provide oral public comments, please email the Clerk of the Board at 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 at disb@deltacouncil.ca.gov with the message that should be read to the Delta ISB and specify which agenda item.

Parking

Parking permits are required at UC Davis. Daily rates are paid through [AggiePark via the AMP Park application](#). There is limited parking near the Putah Creek Lodge. The next closest are Visitor Parking Lots 47 and 49. There is also parking by the vet school (Visitor Parking Lots 50, 51 and 55). [More information on parking can be found here.](#)