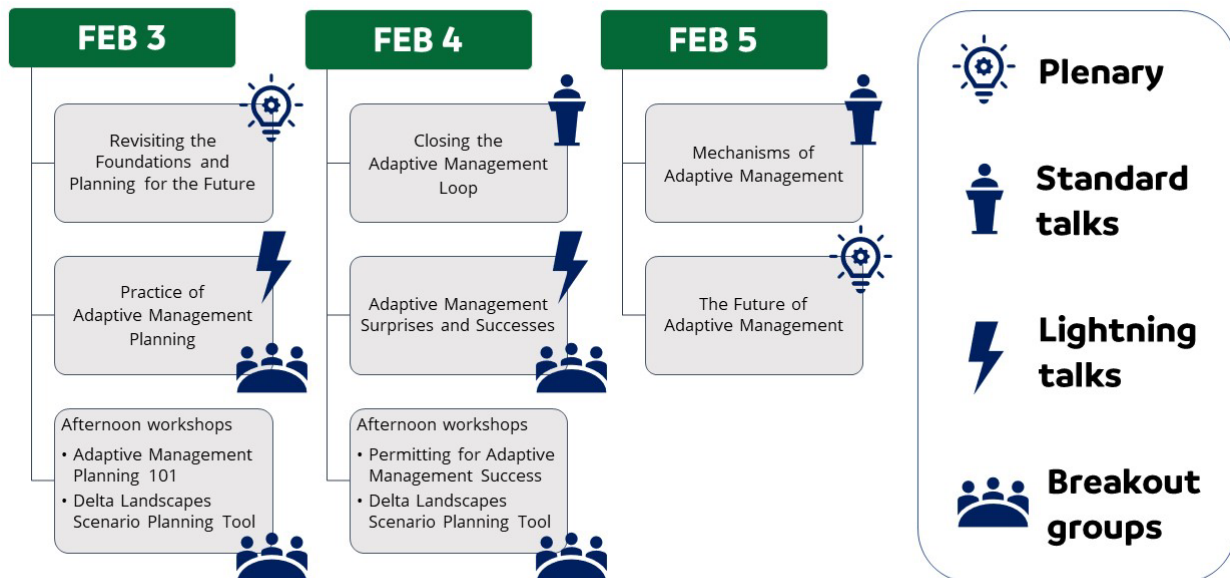




ADAPTIVE MANAGEMENT FORUM AGENDA

Delta Science Program | February 3-5, 2021 | Microsoft Teams

AT A GLANCE



DAY 1 – FEBRUARY 3, 2021

9:00 **Forum overview** – Karen Kayfetz, *Delta Science Program*

9:05 **Welcome** – Laurel Larsen, *Delta Science Program*

Susan Tatayon, *Delta Stewardship Council*

Plenary: Revisiting the Foundations and Planning for the Future

Moderated by Karen Kayfetz | The opening plenary session will narrate how adaptive management has evolved in the Sacramento-San Joaquin Bay-Delta region, from before it was a mandate of the Delta Reform Act to today. Emphasis will be on lessons learned and pieces of history that remain relevant to adaptive management now and in the future.

9:15 **Defining success for managing Delta resources (and defining failure as well)** – Phil Isenberg, *Founding Chair of the Delta Stewardship Council*

9:25 **Bringing adaptive management to the Delta: CALFED to the coequal goals** – Mike Healey, *Professor Emeritus, University of British Columbia*

10:05 **Looking toward an uncertain future** – Laurel Larsen, *Delta Science Program*

10:10 **Panel Q&A**

10:30 **Break**

Session 1: Practice of Adaptive Management Planning

Moderated by Karen Kayfetz | This lightning talk session will highlight examples of recent efforts to develop adaptive management and monitoring plans. Individual talks will share key challenges, highlights, and/or lessons learned from writing adaptive management plans. Talks will be followed by breakout discussions.

10:45 **Overview** – Karen Kayfetz, *Delta Science Program*

11:00 **Managing a flow pulse for food support** – Brittany Davis, *California Department of Water Resources*

11:05 **Formation of the South Bay Salt Pond restoration project's adaptive management plan** – John Bourgeois, *Valley Water*

- 11:10 **Project-level AMMPs to address program-level objectives**– Stacy Sherman, *California Department of Fish and Wildlife*
- 11:15 **Suisun Marsh individual management plan updates** – John Takekawa, *Suisun Resource Conservation District*
- 11:20 **Central Valley Project Improvement Act data management strategy** – Megan Cook, *U.S. Fish and Wildlife Service*
- 11:25 **Group Q&A**
- 11:40 **Breakout discussions**
- 12:00 **Lunch**
- 1:30 **Workshop A: Adaptive management planning 101**
This workshop will give participants the tools necessary to develop an effective adaptive management and monitoring plan. Participants will develop key sections of an Adaptive Management and Monitoring Plan (AMMP) for an example action. The workshop will include information about regulatory requirements, a discussion of available resources, and hands-on group work time followed by discussion.

The session will conclude at 3:30.
- 1:30 **Workshop B: Introduction to the Delta Landscapes Scenario Planning Tool**
The Delta Landscapes Scenario Planning Tool (DLSPT) workshop will feature an interactive tutorial on using the DLSPT to evaluate different restoration/land-use scenarios. This workshop will highlight features of the tool that can inform planning for adaptive management. (Content will be the same as the DLSPT workshop on Day 2.)

The session will conclude at 3:30.

DAY 2 – FEBRUARY 4, 2021

Session 1: Closing the Adaptive Management Loop

Moderated by Cheryl Patel | This session will discuss the final steps of the adaptive management cycle (recognizing triggers and responding adaptively), with presenters sharing lessons learned and best practices for information sharing. Presentations will highlight collaborative structures for adaptive management and projects that effectively distill and translate information into on-the-ground action.

- 9:00 **Closing the loop can happen whether you plan for it or not** – Stuart Siegel, *San Francisco State University*
- 9:20 **Solutions for the sinking Delta: from research to implementation** – Steve Deverel, *HydroFocus*
- 9:40 **South Bay Salt Pond restoration project: 15 years of adaptive management – where we are now** – Donna Ball, *San Francisco Estuary Institute/Lead Scientist for the SBSPR Project*
- 10:00 **Adapting annually: establishing a rhythm for flow actions to benefit Delta smelt** – Denise Reed, *University of New Orleans*
- 10:20 **Break**

Session 2: Adaptive Management Surprises and Successes

Moderated by Dylan Chapple | This lightning talk session will feature a series of talks that will highlight unexpected outcomes or events that were incorporated into subsequent project management approaches. Talks will be followed by breakout discussions.

- 10:35 **Overview** – Dylan Chapple, *Delta Science Program*
- 10:45 **Black rails at Lindsey Slough: lessons learned for tidal marsh restoration** – Sarah Estrella, *California Department of Fish and Wildlife*
- 10:50 **Restoration of tidal wetlands that are also endangered species habitat: the story of invasive Spartina and the California Ridgway's rail** – Marilyn Latta, *State Coastal Conservancy*
- 10:55 **Sears Point restoration project: adaptively managing shoreline erosion with a nature-based solution** – Julian Meisler, *Sonoma Land Trust*

- 11:00 **Sonoma Creek enhancement project: improving ecological conditions in a centennial marsh** – Meg Marriott, *U.S. Fish and Wildlife Service, San Pablo Bay National Wildlife Refuge*
- 11:05 **Integrating adaptive management across project phases at Montezuma Wetlands** – Cassie Pinnell, *Vollmar Natural Lands Consulting*
- 11:10 **Landscape scale multiyear evaluation of aquatic veg control** – Shruti Khanna, *California Department of Fish and Wildlife*
- 11:15 **Novel use of infrastructure: a large-scale field experiment using the Suisun Marsh Salinity Control Gates** – Ted Sommer, *California Department of Water Resources*
- 11:20 **Group Q&A**
- 11:35 **Breakout discussions**
- 12:00 **Lunch**
- 1:30 **Workshop C: Permitting for adaptive management success**
This workshop will feature representatives from regulatory agencies discussing how adaptive management approaches can be taken as part of their respective processes. Their overview will be followed by a world café style discussion to exchange information and find creative solutions. The target audiences for this workshop are proponents involved with writing and implementing adaptive management plans, project funders who can require adaptive management, and regulators who can build adaptive management into permits.

The session will conclude at 3:30.
- 1:30 **Workshop B: Introduction to the Delta Landscapes Scenario Planning Tool**
The Delta Landscapes Scenario Planning Tool (DLSPT) workshop will feature an interactive tutorial on using the DLSPT to evaluate different restoration/land-use scenarios. This workshop will highlight DLSPT features that can inform planning for adaptive management. (Content will be the same as the DLSPT workshop on Day 1.)

The session will conclude at 3:30.

DAY 3 – FEBRUARY 5, 2021

Session 1: Mechanisms of Adaptive Management

Moderated by Annika Keeley | This session will feature a series of talks highlighting tools and practices that have been used successfully to support adaptive management. Topics include the use of pilot studies to inform full-scale management; predictive models (conceptual or quantitative) used in planning and decision making; and funding mechanisms that support adaptive management.

- 9:00 **Overview** – Annika Keeley, *Delta Science Program*
- 9:05 **Think big, start small: invasive vegetation pilot studies to inform large-scale restoration management** – Gina Darin, *California Department of Water Resources*
- 9:25 **From conceptual to concrete: using models to build a monitoring plan** – Rosemary Hartman, *California Department of Water Resources*
- 9:45 **Incorporating adaptive management into funding proposals** – Sarah Lesmeister, *Sacramento-San Joaquin Delta Conservancy*
- 10:05 **Structured decision-making: CVPIA** – Rod Wittler, *U.S. Bureau of Reclamation*
- 10:25 **Quantitative modeling: Southport levee setback** – Chris Bowles, *cbec, inc., eco-engineering*
- 10:45 **Break**

Closing Plenary: The Future of Adaptive Management

Moderated by Chelsea Batavia | This session will highlight key uncertainties anticipated to drive the adaptive management cycle in the future and will address specifically the challenges of adaptively managing for climate change among other changing conditions. The Forum will close with reflections from the organizers.

- 11:00 **Learning from the willow: managing adaptively for future change** – Letitia Grenier, *San Francisco Estuary Institute*
- 11:35 **Adaptive management in the time of COVID: how a global pandemic can inspire management of the Delta for a resilient future** – Laurel Larsen, *Delta Science Program*

12:10 **Forum reflections and meeting close** – Karen Kayfetz, *Delta Science Program*

12:30 **Adjourn**

ADAPTIVE MANAGEMENT FORUM PLANNING COMMITTEE

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