



Cultivating Connections for a Dynamically Changing Environment

BayDeltaScienceConference.com
#BDSC2024

Sept. 30–Oct. 2, 2024

SAFE Credit Union Convention Center
Sacramento, California

Day 1 Sept. 30	Session 1 (B2)	Session 2 (B3-5)	Session 3 (B6-8)	Session 4 (B9)	Session 5 (B10)	Session 6 (Rm 9/10)
8:00 – 5:00	Registration and Check in opens - Ballroom B Pre-function					
9:00 – 12:00	Plenary Session and Brown-Nichols Science Award – Room B3-8					
12:00 – 1:30	Lunch – Hall D (Mentor Lunch in Room 9/10/11)					
1:30 – 3:30	From Monitoring to management: a Collaboratory to develop a spring- run Chinook Salmon juvenile production estimate	Emerging Technologies (General)	Flow & Physical Processes 1	Beyond Fish (Birds)	Phragmites control efforts and expansion in Suisun Marsh over 2 decades: can collective action improve the outcome?	Artificial intelligence (AI) approaches to advance ecosystem science
3:10-3:30	Break					
3:30-4:50	Fishes in South Delta	Emerging Technologies (Fish)	Flow & Physical Processes 2	Beyond Fish (Mammals and Herps)	SF Estuary Wetlands Regional Monitoring Program: Regional Science to inform estuary management	
5:00-7:00	Poster Reception and Art – Hall D					



Cultivating Connections for a Dynamically Changing Environment

BayDeltaScienceConference.com
#BDSC2024

Sept. 30–Oct. 2, 2024

SAFE Credit Union Convention Center
Sacramento, California

Day 2 Oct 1	Session 1 (B2)	Session 2 (B3-5)	Session 3 (B6-8)	Session 4 (B9)	Session 5 (B10)	Session 6 (Rm 9/10)
8:00 – 5:00	Registration and Check-in - Ballroom B Pre-function					
8:30 – 10:10	<i>Oncorhynchus mykiss</i> (Steelhead)	Delta Carbon Farming	Applied Science & Adaptive Management	Unbottling the secrets of the Bay-Delta: How environmental DNA is transforming biological monitoring	Longfin Smelt	Delta Collaboration 2.0: How can we improve collaborative engagements to incorporate more diverse perspectives and support more robust decisions?
10:10 – 10:30	Break					
10:30 – 12:10	Anadromous Fishes	Social Sciences & Human Dimensions	Healthy Rivers and Landscapes Program: Framing a Watershed-wide Adaptive Management Program	Retro-ecological Futures for the 22nd Century	HAB and Invasive Species	Interweaving Traditional Knowledge and Mainstream Science in the San Francisco Bay-Delta
12:10 - 1:30	Lunch – Hall D; Town Hall: Planning for science in the dynamic Delta system (Room B3-5)					
1:30 – 3:10	Chinook Salmon 1	Democratizing Water Futures 1	Tools for Decision-Making Under Uncertainty 1	Species and Communities	Contaminants	2023 Delta Residents Survey: The first of holistic effort to monitor human well-being in the Delta
3:10 - 3:30	Break					
3:30 – 5:10	Chinook Salmon 2	Democratizing Water Futures 2	Tools for Decision-Making Under Uncertainty 2	Leveraging Synthesis Science: A collaboration between the Delta Science Program and National Center for Ecological Analysis & Synthesis (NCEAS)	Predation	Understanding Tribal Data Sovereignty, Research Protocols, and CARE + FAIR Principles



Cultivating Connections for a Dynamically Changing Environment

BayDeltaScienceConference.com
#BDSC2024

Sept. 30–Oct. 2, 2024

**SAFE Credit Union Convention Center
Sacramento, California**

Day 3 Oct 2	Session 1 (B2)	Session 2 (B3-5)	Session 3 (B6-8)	Session 4 (B9)	Session 5 (B10)
8:00 – 5:00	Registration and Check-in - Ballroom B Pre-function				
8:30 – 10:10	Delta Smelt 1	Post normal decision making in the Bay-Delta	Human Dimensions of the San Francisco Bay-Delta: A Path Toward Sustainability	Cultivating science-management connections to inform wetland restoration and management using the Dutch Slough Restoration's living laboratory design 1	Water & Sediment Quality
10:10 – 10:30	Break				
10:30 – 12:10	Delta Smelt 2	Engineering with Nature and Strategic Placement of Dredged Material in San Francisco Bay	Weaving together Indigenous and Western sciences to restore wild Nur (Chinook Salmon) to the Winnemem Waywaket (McCloud River) – Part 1	Cultivating science-management connections to inform wetland restoration and management using the Dutch Slough Restoration's living laboratory design 2	Collaborative Monitoring and Research: Advancing Nutrient and Algal Bloom Understanding in the Bay-Delta
12:10 - 1:30	Lunch – Hall D (Delta Science Fellows Reunion Lunch in Room 9/10/11)				
1:30 – 3:10	Advancements in Longfin Smelt Science and Management 1	Advancing modeling tools to support long-range water allocation planning in a changing climate	Weaving together Indigenous and Western sciences to restore wild Nur (Chinook Salmon) to the Winnemem Waywaket (McCloud River) – Part 2	Food Webs 1	Assessing the drivers and impacts of the August 2022 Heterosigma akashiwo bloom in San Francisco Bay, California 1
3:10 - 3:30	Break				
3:30 – 5:10	Advancements in Longfin Smelt Science and Management 2	Perspectives on science supporting decision-making under deep uncertainty	Weaving together Indigenous and Western sciences to restore wild Nur (Chinook Salmon) to the Winnemem Waywaket (McCloud River) – Part 3	Food Webs 2	Assessing the drivers and impacts of the August 2022 Heterosigma akashiwo bloom in San Francisco Bay, California 2