

Delta Research Awards Seminar Series



Delta
Science
Program

DELTA STEWARDSHIP COUNCIL

The Seminar Series

Held virtually, this seminar series features the recipients of our 2020-2021 Research Awards, which totaled over \$10 million in combined funds from the Delta Science Program, U.S. Bureau of Reclamation, and State Water Contractors. **To directly connect research findings with managers and decision-makers working on environmental and water issues related to the Sacramento-San Joaquin Delta**, scientists will present seminars about how their projects addressed critical biophysical and social science knowledge gaps identified in the 2017-2021 Science Action Agenda.

Seminars are free to attend and will be held weekly from 10:30 AM – 12:00 PM PDT from May through July via [Zoom](https://us06web.zoom.us/j/82575064643)
(<https://us06web.zoom.us/j/82575064643>).



The schedule is subject to change; Check our [research funding and fellowships web page](https://rebrand.ly/rfaf) (rebrand.ly/rfaf) for the latest information.

About the Research Awards

Funding research is a core part of the Delta Science Program's mission to provide the best possible information for decision-making in the Sacramento-San Joaquin Delta. **We are currently soliciting proposals for the [2025 Delta Research Awards](https://rebrand.ly/300e40)** (rebrand.ly/300e40) that address priority topics identified in the 2022-2026 Science Action Agenda.

JOIN US | May-July 2024



Mark Your Calendar



Thursday, May 30, 2024: Social and Historical Perspectives

Assessing Sea Level Rise and Flooding Changes in the Sacramento/San Joaquin Delta Using Historical Water-Level Records

Stefan Talke, Cal-Poly, San Luis Obispo

Suisun Landscapes: Science to understand historical changes and plan a resilient future that reflects community priorities

Letitia Grenier and Lydia Vaughn, San Francisco Estuary Institute

Additional presenter: Sean Baumgarten



Wednesday, June 5, 2024: Migratory fishes: Science Tools to Inform Management and Recovery

The Effects of Climate Change on the Life History of Spring-run Chinook Salmon through Time

Malte Willmes, UC Santa Cruz

Additional presenter: Flora Cordoleani

Regulation of Controls of Cold Water through the Temperature Control Device of the Shasta Dam as a Means of Supporting Downstream Fish Populations

Alexander Forrest, UC Davis



Wednesday, June 12, 2024: Multi-benefit Wetland Habitat and Delta Food Webs

Towards Quantifying the Effects of Climate Change and Sea Level Rise on Carbon Accretion of Tidal and Non-Tidal Wetlands Exposed to a Range of Salinity along the San Francisco Bay Estuary and Delta

Dennis Baldocchi, UC Berkeley

How Delta Food Webs have Changed: Integrating Detrital Material into the Delta Food Web Puzzle

Peter Hernes, University of California, Davis

Additional presenter: Brian Bergamaschi, U.S. Geological Survey



Wednesday, June 19, 2024: Collective Action & Co Production Recipients of Funding for Integrated Socio-Ecological Systems

Integrating Social and Ecological Research to Control Invasive Species: Fostering collective action among private and public stakeholders

John Takekawa, Suisun Resource Conservation District

Reorienting to Recovery: Developing an Inclusive, landscape scale process for Central Valley Salmonids, prioritizing action and investments to achieve recovery and minimize community and economic impact

Rene Henery, Trout Unlimited

Additional presenters: Gary Bobker, Natalie Stauffer-Olsen, Erin Cain, Rafael Silberblatt, and Alison Collins



Wednesday, June 26, 2024: Harmful Algal Bloom (HAB) Drivers, Trends, and Impacts

HABs and Cyanotoxins in the Delta: Occurrence, Distribution, Trends and Environmental Drivers

Tamara Kraus, U.S. Geological Survey

Additional presenter: Keith Bouma-Gregson

Addressing CyanoHABs as a Threat to Water and Air Quality in the San Francisco Bay-Delta, CA

Hans Paerl, University of North Carolina at Chapel Hill

Additional presenters: Ryan Paerl and Haley Plaas



Wednesday, July 10, 2024: Migratory Fishes: Science Tools to Inform Management and Recovery

Comparing the Impact of Predation on the Outmigration Mortality of all Central Valley Salmon Ecotypes Relative to Other Habitat Related Covariates

Mark Henderson, University of Vermont
Additional presenter: Jordan Massie

Understanding Within and Between-Basin Migration in White Sturgeon: A synthesis of more than 10 years of acoustic tagging data

TBD



Wednesday, July 17, 2024: Multi-Benefit Wetland Habitat and Delta Food Webs

From Microbes to Zooplankton, What Defines a Beneficial Wetland?

Michelle Jungbluth, San Francisco State University

Non-Invasive Environmental DNA Monitoring to Support Tidal Wetland Restoration

Raman Nagarajan, UC Davis
Additional presenters: Leigh Sanders and Andrea Schreier



To be scheduled: Migratory fishes: Science Tools to Inform Management and Recovery

Estimating Juvenile Production and Run Timing of Spring Chinook Salmon Leaving the Delta

Russell Perry, U.S. Geological Survey Western Fisheries Research Center

Standard Operating Procedure for Diagnosing and Addressing Predator Detections in Salmon Telemetry Data

Rebecca Buchanan, University of Washington