



The Opportunity of Change:

Building and Being the Future Together

September 28-30, 2026 | Sacramento, CA

Welcome to the 2026 Bay-Delta Science Conference. Thank you for participating!

Estuaries are characterized by constant change—through the mixing of salt and fresh water, the movement of sediment, and the cycling of nutrients. They are zones of transition where disturbance and recovery are both essential for growth. The Bay-Delta Estuary is also a critical hub for water supply, agriculture, and biodiversity. In this moment, the Bay-Delta's human and natural systems, and the landscapes and resources we all depend on to live, work, and play, are experiencing profound change.

This year's theme, "The Opportunity of Change: Building and Being the Future Together," is an invitation to envision a more connected and resilient system in which science serves not only as a source of insight, but as a keystone in the architecture of coherent solutions. **The theme welcomes all communities, knowledge holders, scientists, practitioners, leaders, and others invested in the Bay-Delta to come together, embrace this moment of change, and co-create.**

2026 Highlights

Policy & Management Showcase

Look for the gold ribbon throughout the agenda (coming soon). Researchers in this showcase participated in several workshops and trainings on how to highlight policy and management implications of their work.



Art Displays & Lunchtime Seminar

We have more art displays than ever this year! Look throughout the conference area and exhibit hall for creative inspiration. Don't miss the lunchtime seminar on Wednesday, Day 3.

Delta Trivia Showdown – Lunchtime Fun & Learning

Have fun being quizzed on Delta trivia with new and old friends during lunch on Tuesday, Day 2.

Delta Culture Scavenger Hunt & Quiz

Test your knowledge of Delta History and Culture with the scavenger hunt and quiz. More details in the Whova App.



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September 28, 2026

Plenary Session, Room B3-8

9:00 am	Welcome and Opening Remarks	Rachel Wigginton , Delta Stewardship Council Vice Chair Tayaba , Shingle Springs Band of Miwok Indians Chair Julie Lee , Delta Stewardship Council
9:30 am	Keynote	The "I" in Science: An invitation... Letitia Grenier , Public Policy Institute of California (PPIC) Rene Henery , Trout Unlimited & University of Nevada Reno
Break 9:55 – 10:25		
10:30 am	Keynote	Chief Sisk , Winnemem Wintu Tribe
11:00 am	Keynote	The Greatest Story Ever Told Phoenix Armenta , Governor's Office of Land Use and Climate Innovation (LUCI)
11:30 am	Opening Remarks	Lori D. Wilson , Assemblywoman, District 11
11:40 am	Keynote	What we carry forward: How the Bay-Delta science community endures through change Lisamarie Windham-Myers , Delta Stewardship Council
11:40 am	Brown-Nichols Award	Introduced by the 2024 award recipient, Matt Nobriga
12:00 pm	Closing Remarks	Rachel Wigginton , Delta Stewardship Council

Day 1	Session 1, Room B1	Session 2, Room B2	Session 3/4, Rooms B3-8	Session 5, Room B9	Session 6, Room B10	Session 7, MR 9/10/11
Session	Scaling natural climate solutions in the Sacramento-San Joaquin Delta: Integrating science, policy, and community resilience	Data to decisions: Tools to support management despite uncertainty	What we know, what we don't, and what we're guessing: Updated conceptual models of Central Valley salmon life history <i>Part 1: Causes and consequences of migration phenology</i>	What have we learned and how do we advance collaborative science in the Bay Delta?	Foundations of the food web: Understanding phytoplankton and microphytobenthos across managed aquatic systems	The 2026 Delta Science Plan: Advancing social science, governance, and traditional knowledge to tackle the Delta's grand challenges
Moderator	Lauren Damon <i>Delta Conservancy</i>	Rachel Wigginton <i>Delta Stewardship Council</i>	Mallory Boro <i>CDFW</i>	Bruce DiGennaro <i>Essex Partnership</i>	Amanda Maguire <i>CDFW</i>	Hollis Jones <i>Delta Stewardship Council</i>
1:30 PM	See next page for session details	Synthesizing 15 years of independent scientific peer review informing Delta management <i>Ash Zemenick, Delta Stewardship Council</i>	Using hierarchical models to estimate spring-run Chinook salmon outmigration timing and abundance from a network of rotary screw traps in the Sacramento River valley <i>William Pine, ICF</i>	Panelists: <i>Rene Henery, Trout Unlimited</i> <i>Darcy Austin, State Water Contractors</i> <i>Louise Conrad, DWR</i> <i>Lisamarie Windham-Myers, Delta Stewardship Council</i> <i>Letitia Grenier, PPIC</i>	Right place at the right time: Drivers of Sacramento-San Joaquin Delta phytoplankton across space-time <i>Kyle Leathers, U.S. Geological Survey</i>	Speakers: <i>Hollis Jones, Delta Stewardship Council</i>
1:50 PM		Constructed value of information to prioritize critical uncertainties for water management in the San Francisco Bay Delta watershed <i>Abby Lawson, U.S. Geological Survey</i>	Investigating environmental and genetic drivers of the yearling ecotype through experimental releases of spring-run Chinook salmon <i>Ryan Revnak, CDFW</i>		Assessing the dynamics of re-emerging spring phytoplankton blooms in the upper San Francisco bay and Sacramento-San Joaquin Delta estuary, California <i>Schuyler Nardelli, U.S. Geological Survey</i>	<i>Jessie Patzlaff, CA Sea Grant & Delta Stewardship Council</i>
		Value of information analysis to prioritize research to improve Delta smelt conservation outcomes– how much does uncertainty really matter? <i>Brian Healy, U.S. Geological Survey</i>	From floods to fishery closures: Drought-driven erosion of wild salmon production and life history diversity <i>Rachel Johnson, NOAA Fisheries & UC Davis</i>		Treasure of the benthos – investigating microphytobenthos assemblages in the Sacramento River <i>Tim Mussen, Sacramento Area Sewer District</i>	
2:10 PM		When does monitoring pay? Linking restoration monitoring design to population outcomes for winter-run Chinook salmon <i>Corey Phillis, The Metropolitan Water District of Southern California</i>	An eco-evolutionary population dynamics model for Feather River Chinook salmon <i>John Brandon, ICF</i>		Three sides to the story: A comparison of San Francisco bay phytoplankton community assemblage according to multi-channel fluorometry, phytoplankton enumeration, and 18s/16s metabarcoding <i>Emily T. Richardson, DWR</i>	<i>Tara Pozzi, CA Sea Grant & Delta Stewardship Council</i>
2:30 PM		Applying ecosystem diagnosis and treatment (edt) to the Bay-Delta: A spatially explicit framework for integrated estuary management <i>Laura McMullen, ICF</i>	Diluting risk: Predicting and managing pathogen infection in outmigrating Central Valley Chinook salmon <i>Miles Daniels, UC Santa Cruz & NOAA Southwest Fisheries Science Center</i>		Understanding primary productivity dynamics in regulated rivers and its value as indicator for food availability in salmonid habitats <i>Francisco Bellido-Leiva, UC Davis</i>	
2:50 PM						
3:10-3:30 PM	Break					 Policy & Management Showcase

Day 1	Session 1, Room B1
Session	Scaling natural climate solutions in the Sacramento-San Joaquin Delta: Integrating science, policy, and community resilience
Moderator	Lauren Damon, <i>Delta Conservancy</i>
1:30 PM	Opening remarks - <i>Campbell Ingram, Sacramento-San Joaquin Delta Conservancy</i>
1:34 PM	A watershed-scale approach - <i>Lisamarie Windham-Myers, Delta Stewardship Council</i>
1:37 PM	Decadal adaptation of subsidence mitigation in the Sacramento-San Joaquin Delta - <i>Steven Deverel, HydroFocus Inc.</i>
1:47 PM	Quantifying the nature-based climate change potential of restored Sacramento-San Joaquin Delta wetlands - <i>Kyle Delwiche; Patty Oikawa</i>
1:57 PM	Rice cultivation in the Sacramento-San Joaquin Delta to support economically-viable and climate-smart farming - <i>Michelle Leinfelder-Miles, UC CE San Joaquin County</i>
2:07 PM	Science-informed adaptive management to maximize benefits in restored Sacramento-San Joaquin Delta wetlands - <i>Tyler Anthony, DWR</i>
2:20 PM	Managing subsiding Delta lands: Comparative approaches to large-scale wetland restoration and financial sustainability - <i>Sydney Chamberlin, The Nature Conservancy; Malinda Stalvey, Metropolitan Water District of Southern California</i>
2:40 PM	Tribal and community perspectives: The importance of inclusive decisionmaking processes and access to natural resources - <i>Morgen Snyder, Restore the Delta; Krystal Moreno, Shingle Springs Band of Miwok Indians; Max Gomberg, Shingle Springs Band of Miwok Indians</i>
3:00 PM	Q & A

Day 1	Session 1, Room B1	Session 2, Room B2	Session 3/4, Room B3-8	Session 5, Room B9	Session 6, Room B10	Session 7, MR 9/10/11
Session	Nature-based solutions in California and beyond: Cross-system learning on co-benefits and adaptive management	Lost in translation: Connecting water policy and science through a common language	What we know, what we don't, and what we're guessing: Updated conceptual models of Central Valley salmon life history <i>Part 2: Flow pulses and floodplains</i>	Science for communities: Community-driven research projects	Watershed-wide fish communities across space and time	Exploring California water futures through interactive scenario learning and data visualization (workshop)
Moderator	Peter Goodwin <i>Delta Independent Science Board</i>	Audrey Cho <i>Delta Stewardship Council</i>	Evan Sawyer <i>CDFW</i>	Dylan Stern <i>Delta Stewardship Council</i>	Colin Brennan <i>CDFW</i>	Wietske Medema <i>UC Berkeley</i>
3:30 PM	Panelists:	Panelists:	Lessons learned from 3 years of Sacramento River Spring Pulse Flows <i>Cyril Michel, UC Santa Cruz</i>	Panelists:		Presenters: <i>Wietske Medema, UC Berkeley</i>
3:50 PM	<i>Louise Conrad, DWR</i> <i>Evyan Sloane, California State Coastal Conservancy</i> <i>Cindy Palinkas, University of Maryland</i>	<i>Sonja Petek, Legislative Analyst's Office</i> <i>Pablo Garza, CA State Assembly Committee on Water, Parks, and Wildlife</i>	A new method to implement natural flow regimes in regulated rivers: Impacts to juvenile salmon habitat availability and movement <i>Nicholas Som, California Polytechnical Institute, Humboldt</i>	<i>Niki Jones, Sacramento Regional Coalition to End Homelessness</i> <i>Zach Gigone, Shingle Springs Band of Miwok Indians</i>	Spatial and temporal dynamics of native and non-native fish occurrences in California's Central Valley <i>Matea Djokic, FISHBIO</i>	<i>Ted Grantham, UC Berkeley</i> <i>Nancy Thomas, UC Berkeley</i>
4:10 PM	<i>Denise Reed, Louisiana State University</i> <i>Tracy Collier, Puget Sound Partnership (retired)</i>	<i>Sean Clair, CCST; CA State Assembly Committee on Water, Parks, and Wildlife</i> <i>Keith Cialino, CA State Assembly Office of Speaker Robert Rivas</i>	Partitioning floodplain productivity: Quantifying in-situ hot spots and allochthonous inputs in the yolo bypass <i>Spencer Breining-Aday, DWR</i>	<i>Gavin Bruce, Valley Improvement Projects (VIP)</i>	Survival and abundance of black bass (<i>Micropterus spp.</i>) in the lower Stanislaus river and south Sacramento-San Joaquin Delta <i>Rob Eckelbecker, FISHBIO</i>	<i>James Gilbert, UC Santa Cruz</i> <i>Morgan Levy, UC San Diego</i>
4:30 PM			Sentinel fish: Revealing landscape scale floodplain habitat dynamics for juvenile Chinook salmon through field observations and remote sensing <i>Eric Holmes, DWR</i>		Consumption of juvenile Chinook salmon out-migrating through channels of the Sacramento-San Joaquin Delta by black basses <i>Brock Huntsman, U.S. Geological Survey</i>	Followed by an interactive exercise for attendees to explore the platform and share feedback to the organizers.
4:50 PM			Alternative underlying mechanisms of salmon movements in tidal habitat: Implications for salmon and water management. <i>Brett Harvey, DWR</i>		Spatial and temporal changes in wakasagi abundance in the San Francisco Estuary <i>Evan Carson, U.S. Fish and Wildlife Service</i>	
5:15 – 7:15 PM	Poster, Art, and Networking Reception (Hall D)					

Public meeting of the Delta Plan Interagency Implementation Committee Meeting (DPIIC)

Time: 9:00 AM

Meeting Room 9, SAFE Credit Union Convention Center

The DPIIC is composed of 18 state and federal agencies who strive to facilitate Delta Plan implementation through collaboration in support of shared national, statewide and local goals for the Delta. This meeting will feature presentations on the 2026 Delta Science Plan, regional resilience planning, and interweaving traditional knowledge.

The DPIIC meeting is open to the public without conference registration. Additional information, including the Committee meeting notice, will be posted at: deltacouncil.ca.gov/dpiic/meetings.



**Delta Plan Interagency
Implementation
Committee**

DELTA STEWARDSHIP COUNCIL

Day 2	Session 2, Room B2	Session 3, Room B3-5	Session 4, Room B6-8	Session 5, Room B9	Session 6, Room B10
Session	Adaptive management at work: Practitioner perspectives, restoration planning, and ecological outcomes	Envisioning and evaluating Chinook salmon recovery scenarios: From new insights to new futures	Climate-driven water management and integrated modeling	Just Transitions in the Delta: Co-designing, modeling, visualizing and assessing salinity and climate adaptation scenarios	Decision support and modeling innovations for salmonid management
Moderator	Kelsey Kelley <i>CDFW</i>	Brett Harvey <i>DWR</i>	Sarah Sugar <i>Delta Protection Commission</i>	Brett Milligan <i>UC Davis</i>	Nicole Athearn <i>CDFW</i>
8:30 AM	Towards closing the loop on adaptive management: Case studies from across the Delta <i>Stephen Elser, Delta Science Program</i>	Evaluating reintroduction quality with the winter-run life cycle model <i>Noble Hendrix, QEDA Consulting LLC</i>	Delta modeling collaboratory: Facilitating integrated modeling to tackle complex management issues in the Delta <i>Michelle Stern, Delta Stewardship Council</i>	Designing Delta climate adaptation scenarios through a transdisciplinary and participatory scenario planning approach <i>Brett Milligan, UC Davis</i>	Rapid structured decision making to explore salmon reintroduction prototype strategies in the Sacramento Valley <i>Adam Witt, Stantec</i>
8:50 AM	From mismatch to management: Designing future flood regimes that work for fish and food webs <i>Mackenzie Miner, DWR</i>	Evaluating winter-run Chinook salmon population response to novel COEQWAL water allocation scenarios <i>Ann-Marie Osterback, UC Santa Cruz</i>	Flow and salinity trends and change attribution in the San Joaquin River at vernalis: WY 1922 - 2025 <i>Paul Hutton, DWR</i>	Comparative hydrodynamic modeling of the Just Transitions in the Delta scenarios <i>Stacie Carter, GEI</i>	A structured decision-making framework for balancing salmon conservation and hydropower at Folsom Dam <i>Brian Mahardja, U.S. Bureau of Reclamation</i>
9:10 AM	You are what (and where) you eat: How managed shallow water habitats shape productivity and potential Delta smelt growth <i>Jordan Buxton, U.S. Geological Survey</i>	Beyond one basket: Scientific advances and emerging strategies for rebuilding a resilient winter-run Chinook salmon portfolio <i>Rachael Ryan, UC Davis</i>	Beyond water year types: Operationalizing interannual variability with environmental flow regimes <i>Lindsay Murdoch, UC Davis</i>	Quantifying the benefits of watershed-scale upland restoration through scenario-based modeling <i>Maggie Gallagher, UC Davis</i>	Linking dam operations to Chinook salmon population dynamics: A life-cycle model for evaluating folsom dam power bypass alternatives <i>Alexander Vaisvil, U.S. Bureau of Reclamation</i>
9:30 AM	Near-term restoration strategy for the Central Valley Project Improvement Act fish resource area, fiscal years 2026–2030 <i>Phillip Street, U.S. Fish and Wildlife Service</i>	Reorienting to recovery and making the future full of fish <i>Natalie Stauffer-Olsen, Trout Unlimited</i>	Which decision levers matter? A scenario-based sensitivity framework for operational tradeoffs in the Bay-Delta water system of California's Central Valley <i>Iftikhar Islam; James Gilbert</i>	Communicating Delta adaptation scenarios through interactive visualization <i>Sam Yu-Te Lee, UC Davis</i>	Decisions with doubt: Using decision support models in data-poor systems <i>Patti Wohner, Stillwater Sciences</i> 
9:50 AM	Practitioner attitudes and approaches towards adaptive management in Bay-Delta tidal wetlands <i>Elsie Platzer, UC Davis</i>	California - a salmon society? <i>Carson Jeffres, UC Davis</i>	Groundwater thresholds to protect riparian groundwater-dependent ecosystems <i>John Stella, State University of New York</i>	Interactive forum with participants, using live polling followed by discussion Q & A	Stars for south Delta steelhead: Linking environmental and operational covariates to juvenile steelhead movement and survival in the Sacramento-San Joaquin Delta <i>Adam Pope, U.S. Geological Survey</i>
10:10-10:30 AM	Break			 Policy & Management Showcase	

Day 2	Session 2, Room B2	Session 3, Room B3-5	Session 4, Room B6-8	Session 5, Room B9	Session 6, Room B10
Session	Multi-benefit wetlands spanning carbon, subsidence, ecology, and indigenous stewardship	Through the looking glass: A conversation between regional high school students and state leaders in science and resource management		Just Transitions in the Delta: Co-designing, modeling, visualizing and assessing salinity and climate adaptation scenarios	Which way to go? Influencing juvenile salmon migration at Georgiana Slough
Moderator	Kristin Brandon <i>CDFW</i>	Rene Henery <i>Trout Unlimited</i>		Brett Milligan <i>UC Davis</i>	Maggie Raboin <i>U.S. Geological Survey</i>
10:30 AM	Science to inform management of subsided lands in the Sacramento-San Joaquin Delta <i>Diane McKnight, Delta Independent Science Board</i>	Panelists: <i>Local High School Youth</i> <i>Meghan Hertel, CDFW</i> <i>Louise Conrad, DWR</i>		Using scenario planning and hydrodynamic modeling to inform suitability models for stakeholder-selected species of interest in the Sacramento-San Joaquin Delta <i>Lynette Williams Duman, UC Davis</i>	Georgiana Slough salmonid migration barrier effectiveness studies – assessing behavioral fish guidance in the north Delta <i>Steven Brumbaugh, DWR</i>
10:50 AM	It takes a village: A model for managing subsidence reversal wetlands in the Delta <i>David Julian, DWR</i>			Comparing Delta adaption scenarios through environmental justice, ecocultural restoration and tribal sovereignty criteria <i>Ashley DePew, UC Davis</i>	Bioacoustic fish fence design effects on juvenile Chinook routing and survival <i>Summer Burdick, U.S. Geological Survey</i>
11:10 AM	Measuring indigenous fire effects on soil, water, vegetation and atmospheric flux measurements in Sacramento-San Joaquin Delta wetlands <i>Adan Barrera, California State University East Bay</i>			Recreational response to runoff and salinity levels in the Delta <i>Jeffrey Jenkins, UC Merced</i>	Multistate models reveal how flow dynamics affect juvenile Chinook salmon movement at the Georgiana Slough junction <i>Maggie Raboin, USGS</i>
11:30 AM	Interdisciplinary assessment of implementation of alternate land uses on subsided peatlands, Sacramento–San Joaquin Delta <i>Nick Christen, HydroFocus Inc.</i>			Assessing impacts of future Delta salinity management scenarios on Delta agricultural production <i>Josue Medellin-Azuara, Civil and Environmental Engineering, UC Merced</i>	Novel methods to generate velocity fields for use in an individual-based model (ibm) of fish movement in the Bay-Delta <i>Paul Stumpner, ESA</i>
11:50 AM	Rethinking restoration and compensatory mitigation in the Sacramento–San Joaquin Delta: From expectations to realistic outcomes <i>Ramona O Swenson, Environmental Science Associates</i>			Interactive forum with participants, using live polling followed by discussion Q & A	An extension of the STAIRS-IBM that simulates juvenile salmon movement in Delta channels based on water velocity gauge data and bathymetry data <i>Aaron Blake, Environmental Science Associates</i>
12:10–1:30 PM	Lunch (Hall D) or 12:30 PM - Delta trivia showdown (Bring your lunch to Room B1 to play along)				

Day 2	Session 1, Room B1	Session 2, Room B2	Session 3, Room B3-5	Session 4, Room B6-8	Session 5, Room B9	Session 6, Room B10
Session	Playing with complexity: What gamification can teach us about collaborating on complex environmental challenges	The making of a marsh: How science shapes tidal wetland restoration in the San Francisco Estuary	Genetics in action: How the adoption of genetic tools is enhancing management of the Bay-Delta ecosystem	Patterns and processes in tidal wetland food webs	Use of a new academic-agency collaborative training program to advance modeling capabilities in the Bay-Delta <i>Part 1</i>	San Francisco Estuary Wetlands Regional Monitoring Program: Inaugural multi-indicator monitoring results to inform and streamline tidal wetland restoration implementation
Moderator	Kimberly Horndeski <i>Community Consulting</i>	Nick Rowlands <i>Delta Stewardship Council</i>	Daphne Gille & Melinda Baerwald <i>DWR</i>	Rosemary Hartman & Matthew Young <i>DWR & USGS</i>	Miranda Bell Tilcock <i>UC Davis</i>	Lisa Beers <i>SFEI</i>
1:30 PM	<i>This interactive session uses a prototype board game focused on salmon recovery in the Delta to explore the human dimensions of collaboration.</i>	Structural and functional recovery of the benthic community after a shallow-water sediment placement in south San Francisco bay <i>Susan De La Cruz, U.S. Geological Survey</i>	<i>See next page for session details</i>	Primary productivity and nutrient exchange during daytime tidal cycles at four tidal wetlands <i>Daniel Ellis, CDFW</i>	An introduction to the academic-agency collaborative training program to advance modeling capabilities in the Bay Delta <i>Miranda Bell Tilcock, UC Davis</i>	From program planning to online tools: How the San Francisco Estuary Wetlands Regional Monitoring Program is supporting consistent monitoring for the restoration community <i>Aviva Rossi, SF Estuary Institute</i>
1:50 PM		Tidal marsh restoration design can maximize potential climate benefits <i>Lyndsay Rankin, U.S. Geological Survey</i>		Understanding the influence of aquatic macroinvertebrates on the recovery of tidal wetland food webs <i>Megan Pagliaro, DWR</i>	ECO-PTM v0.0.0-beta: An enhanced fish movement and survival modeling framework for evaluating Delta management alternatives <i>Xiao Wang, DWR</i>	Regional monitoring across restoring tidal wetlands of the San Francisco Estuary: Results from year one of fish and fish habitat monitoring <i>James Hobbs, UC Davis</i>
2:10 PM		An updated conceptual model of sediment transport processes in San Pablo and Suisun bay <i>Kyle Stark, SF Estuary Institute</i>		Investigating the efficacy of tidal wetland restoration in enhancing aquatic food web resources for native fishes: An update on fish restoration project (frp) wetlands <i>Gabriel Ng, CDFW</i>	Improving fish survival modeling in the Delta using predation experiments <i>David Ayers, UC Davis</i>	Tracking spatial and temporal change in the San Francisco Estuary's tidal wetland vegetation through the wetlands regional monitoring program <i>Chris Janousek, Oregon State U.</i>
2:30 PM		Montezuma wetlands project: Beneficial sediment reuse for tidal marsh restoration <i>Cassie Pinnell, Vollmar Natural Lands Consulting</i>		Data limitations of Sacramento-San Joaquin Delta food webs: Incorporating uncertainty to inform ecosystem monitoring <i>Matthew Young, U.S. Geological Survey</i>	Evaluating hydrologic forecast performance and operational impacts within the calsim3 framework <i>Krystle Catamura, UC Davis</i>	Using a monitoring network to track marsh elevations and accretion in San Francisco bay <i>Karen Thorne, U.S. Geological Survey</i>
2:50 PM					The tangled web we weave – developing a food web model of tidal wetlands in the Delta <i>Rosemary Hartman, DWR</i>	An overview of the California-Nevada river forecast center and the role they play in supporting the water management community <i>Brett Whitin, CNRFC/NOAA</i>
3:10-3:30 PM	Break					

Day 2	Session 3, Room B3-5
Session	Genetics in action: How the adoption of genetic tools is enhancing management of the Bay-Delta ecosystem
Moderator	Daphne Gille & Melinda Baerwald, DWR
1:30 PM	Implementing multi-trophic metabarcoding for ecosystem-based management in the San Francisco Estuary - <i>Silvia Angles, DWR</i>
1:38 PM	Determining the grandparentage of wild-caught Delta smelt - <i>Amanda Finger, UC Davis</i>
1:46 PM	Genetic tool development for biological monitoring: Integrating tow-net sampling with fish eDNA metabarcoding in the San Francisco Estuary - <i>Leigh Sanders, UC Davis</i>
1:54 PM	Clean sampling on a fishy boat: Adding eDNA sampling to trawl monitoring with no contamination - <i>Christina Burdi, DWR</i>
2:02 PM	Rapid genetic species verification to support real-time and published monitoring data for Delta smelt - <i>Ravi Nagarajan, Genomic Variation Lab, UC Davis</i>
2:10 PM	Exploring the potential for genetic biocontrol of golden mussels in the Bay-Delta and beyond - <i>Ravi Nagarajan, Genomic Variation Lab, UC Davis</i>
2:18 PM	Development of a multiplexed sherlock genetic reaction for rapid, simultaneous detection of early and late Chinook salmon run types - <i>Hannah Miller, UC Davis & DWR</i>
2:26 PM	Using environmental DNA to track the invasion of golden mussels in the San Francisco Bay Delta - <i>Aviva Fiske, DWR</i>
2:34 PM	Clam and collected: Simultaneous genetic detection of golden mussels and corbicula clams - <i>Pachia Lee, DWR</i>
2:42 PM	Operational use of sherlock CRISPR improves real-time management of endangered Chinook salmon at salvage facilities - <i>Bryan Nguyen, DWR</i>
2:50 PM	Parentage-based tagging in practice: How a single genetic sample becomes a monitoring record - <i>Scott Blankenship, Genidaqs of Cramer Fish Sciences</i>
2:58 PM	Discussion and question & answer

Day 2	Session 1, Room B1	Session 2, Room B2	Session 3, Room B3-5	Session 4, Room B6-8	Session 5, Room B9	Session 6, Room B10
Session	Evidence-based monitoring of progress toward the coequal goals to galvanize actions, investments, and partnerships	Carbon, water, and the Delta landscape: Rethinking land use for a resilient future	Delta smelt survival and the promise and challenges of supplementation	Unexpected food web dynamics from historic, restored, and managed wetland habitats in Suisun marsh and the Delta	Use of a new academic-agency collaborative training program to advance modeling capabilities in the Bay-Delta <i>Part 2</i>	Social indicators in the Bay-Delta: Where we are and where we're headed
Moderator	Jeff Henderson <i>Delta Stewardship Council</i>	Rachel Vanderwerff <i>Delta Protection Commission</i>	Torrey Soland <i>CDFW</i>	John Durand <i>UC Davis</i>	Miranda Bell Tilcock <i>UC Davis</i>	Tara Pozzi <i>CA Sea Grant</i>
3:30 PM	Panelists: <i>Henry DeBey, DWR</i> <i>Jay Ziegler, State Water Resources Control Board</i> <i>Jonathan Wachter, CNRA</i> <i>John Cain, River Partners</i> <i>Laura Feinstein, SF Estuary Institute</i> Session Chair: <i>Martina Koller, Delta Stewardship Council</i>	Improving subsidence and carbon emissions modeling <i>Savannah Haas, HydroFocus Inc.</i>	Building and assessing graphical models to explain patterns in Delta smelt survival <i>Vanessa Tobias, CDFW</i>	From flood-up to drawdown: Flood-pulse effects on phyto-plankton productivity in managed wetlands of Suisun marsh <i>Alice Tung, UC Davis</i>	Follow the food: Modeling relationships of Delta smelt prey taxa with salinity <i>Lillian McCormick, U.S. Bureau of Reclamation</i>	Panelists: <i>Sasha Harris-Lovett, SF Estuary Partnership</i> <i>Alex Thomsen, SF Estuary Partnership</i> <i>Annie Merritt, Delta Stewardship Council</i> <i>Megan Thomson, Delta Stewardship Council</i> <i>Amanda Bohl, Delta Protection Commission</i>
3:50 PM		Comparing co ₂ exchange across water management and land use conditions in the Sacramento–San Joaquin Delta <i>Yanxin Xie, UC Davis</i>	Rearing environment shapes stress tolerance and release readiness in Delta smelt <i>Florian Mauduit, UC Davis</i>	Under-recognized managed wetlands support native fishes and local habitats <i>Jake Sousa, UC Davis</i>	Understanding the drivers of zooplankton abundance and spatial patterns in the San Francisco Bay–Delta <i>Alyse Lacey, UC Davis</i>	
4:10 PM		A discerned hierarchy of environmental conditions driving wetland carbon assimilation using multi-sensor remote sensing <i>Eric Romero, UC Berkeley</i>	Integrating sampling methods to inform fish community composition at Delta smelt release sites <i>Marissa Wulff, U.S. Geological Survey</i>	Using citizen science to quantify prey types of piscivorous birds in the San Francisco Estuary <i>Daniella Davis, UC Davis</i>	New insights into old challenges: Incorporating the past's information into tomorrow's tools <i>Joshua Israel, U.S. Bureau of Reclamation</i>	
4:30 PM		Nighttime evapotranspiration in wetlands: Not negligible, not uniform <i>Carlos Wang, UC Berkeley</i>	Evidence of Delta smelt predation during experimental releases from gill net sampling and gastric lavage <i>Veronica Violette, U.S. Geological Survey</i>	The story splittail: Drivers of distributions and abundances for a native, migratory fish in Suisun marsh <i>Kimberly Evans, UC Davis</i>	Conclusion and discussion <i>Joshua Israel, U.S. Bureau of Reclamation</i>	
4:50 PM		Making sense of Delta island water use: A sensor network on Bouldin Island <i>Katherine Heidel, Tetra Tech, Inc.</i>	Feasibility of acoustic telemetry in Delta smelt: Results from four years of refinements and next steps <i>Rick Wilder, ICF</i>	Flood pulses in seasonal managed wetlands enhance zooplankton abundances in Suisun marsh <i>Kyle Phillips, UC Davis</i>		
5:10 PM	End of Day 2					

Day 3	Session 1, Room B1	Session 2, Room B2	Session 3, Room B3-5	Session 4, Room B6-8	Session 5, Room B9	Session 6, Room B10
Session	Bird and mammal perspectives on habitat use and restoration in Delta landscapes	Movement, migration, and modeling: Advances in tracking salmon, steelhead, and sturgeon	Longfin Smelt Science Program: Improving our understanding of species ecology for improved management <i>Part 1</i>	Machine learning and AI for the future of the Delta: Integrated, interpretable, and operational tools for adaptive management	Research to results: Re-envisioning scientists as policy partners	Integrated tools for monitoring and managing harmful algal blooms across the Bay-Delta
Moderator	Elizabeth Brusati <i>Delta Stewardship Council</i>	Enoch Tham <i>CDFW</i>	Brian Schreier <i>DWR</i>	Kevin He <i>DWR</i>	Letitia Grenier <i>PPIC</i>	Keith Bouma-Gregson <i>U.S. Geological Survey</i>
8:30 AM	Assessing bat occurrence and habitat use in the California Delta <i>Amanda Kindel, UC Davis</i>	Putting time back into space-for-time mark-recapture models: Developing next-generation modeling tools for juvenile salmon telemetry data <i>Russell Perry, US Geological Survey</i>	New insights into the reproductive biology of Longfin smelt <i>Sami Araya, UC Davis</i>	Machine learning in the Delta: A 30-year retrospective and future prospects <i>Kevin He, DWR</i>	Introduction by session Chair: <i>Audrey Cho, Delta Stewardship Council</i>	Decoupling algal biomass from turbidity: Assessing the impact of suspended particulate matter on satellite chlorophyll-a retrievals in San Francisco Bay  <i>Aurpita Saha, UC Santa Cruz</i>
8:50 AM	Scaling a habitat incentive program: Obstacles, opportunities, and lesson learned from 12 years of BirdReturns <i>Billy Abbott, The Nature Conservancy</i>	Using machine learning to predict the timing of winter-run Chinook salmon migration through the Delta <i>Andrea Odell, CDFW</i>	It takes a shoal: Status and goals of the Longfin smelt conservation culture program <i>Brianna Yetter, UC Davis</i>	Transfer learning for multi-fidelity surrogate modeling of Delta salinity under extended drought and climate scenarios <i>Sabi Can Ruso, UC Berkeley & Stanford University</i>		Panelists: <i>Lisamarie Windham-Myers, Delta Stewardship Council</i>
9:10 AM	Wetland characteristics in Suisun Marsh influence dabbling duckling habitat use and movements <i>Sarah Peterson, U.S. Geological Survey</i>	Assessing survival, movement, and migration rates of wild <i>Oncorhynchus mykiss</i> in the Stanislaus River <i>Bryan Matthias, U.S. Fish and Wildlife Service</i>	First flush: Looking beyond Delta smelt to ecosystem-scale responses <i>Katherine Osborn, DWR</i>	Intuitive quantitative metrics for rapid assessment of entrainment risks and salmonid responses in the Delta  <i>Ching-Fu Chang, Contra Costa Water District</i>	<i>Andy Jones, CCST & CNRA</i> <i>Lenny Grimaldo, DWR</i>	Molecular monitoring and surveillance of harmful algae in SF Bay: Methodological and statistical approaches <i>Daniel Killam, SF Estuary Institute</i>
9:30 AM	Multiple restoration pathways yield distinct avian communities across the Sacramento–San Joaquin Delta <i>Jason Riggio, UC Davis</i>	Flows effects on green sturgeon spawning migrations in the Sacramento River <i>Jon Walter, UC Davis</i>	Life cycle model insights on the effects of freshwater outflows on Longfin smelt population dynamics <i>Lara Mitchell, U.S. Fish and Wildlife Service</i>	Machine learning-based prediction of cyanobacteria harmful algal blooms in the Sacramento–San Joaquin Delta for water quality management  <i>Gourab Saha, DWR</i>	<i>Darcy Austin, State Water Contractors</i>	Freshwater and marine algal toxin co-occurrence along the San Francisco Estuary's freshwater-to-marine continuum <i>Ellen Preece, DWR</i>
9:50 AM	Ecological considerations in habitat restoration for the salt marsh harvest mouse <i>Katie Smith, WRA, Inc. & UC Davis</i>	Adult green sturgeon movements in the lower Sacramento River relative to river construction projects during water years 2021–2025 <i>Amy Hansen, US Geological Survey</i>	Newly assembled genome provides insights into Longfin smelt ecology <i>Mac Campbell, UC Davis</i>	Real-time multi-ion forecasting in the south Delta using hydrodynamically informed machine learning <i>Peyman Namadi, DWR</i>		Next steps for management tools and regional coordination <i>Tony Hale, SF Estuary Institute</i>
						10:00 AM - Discussion and Q&A
10:10-10:30 AM	Break				 Policy & Management Showcase	

Day 3	Session 1, Room B1	Session 2, Room B2	Session 3, Room B3-5	Session 4, Room B6-8	Session 5, Room B9	Session 6, Room B10
Session	Data-driven insights into salmonid movement and habitat restoration	Algal blooms and ecosystem impacts in the San Francisco Estuary	Longfin Smelt Science Program: Improving our understanding of species ecology for improved management, <i>Part 2</i>	Restoration, faster: Regulatory approaches to accelerate ecological restoration in a changing Bay-Delta estuary	Building shared understanding: Representation, community science, and co-produced knowledge	Salmonid life history diversity, survival, and response to water management
Moderator	Celeste Dodge <i>CDFW</i>	Stephanie Fong <i>CDFW</i>	Adam Chorazyczewski <i>CDFW</i>	Rachel Wigginton <i>Delta Stewardship Council</i>	Jamari Robinson <i>Delta Stewardship Council</i>	Kim Luke <i>Delta Stewardship Council</i>
10:30 AM	Real-time modeling of Delta exports and effects on salmonids and Longfin smelt <i>Adam Witt, Stantec</i>	The San Francisco Estuary microbiome: Utilizing complete genomes and machine learning for analysis and ecosystem monitoring <i>Lauren Lui, Lawrence Berkeley National Laboratory</i>	Variation in marine habitat suitability during estuarine-marine habitat transitions by Longfin smelt in the San Francisco bay and Sacramento-San Joaquin Delta Estuary <i>Matthew Young, U.S. Geological Survey</i>	<i>See next page for session details</i>		Going with the flow—salmonid life-history variation and water management in the California Central Valley <i>Devon Pearse</i>
10:50 AM	Estimating abundance of endangered winter run Chinook salmon entering and exiting the Delta <i>Lauren Yamane, U.S. Fish and Wildlife Service</i>	Evaluating life history-specific vulnerability of green and white sturgeon to the 2022 harmful algal bloom in the San Francisco Estuary <i>Jamie Sweeney, Cramer Fish Sciences</i>	Mechanisms underlying the response of Longfin smelt to freshwater flow in the northern San Francisco Estuary <i>Wim Kimmerer, SF State University</i>		Representation in wetland decision-making in the San Francisco Estuary <i>Laurel Andrews, Metropolitan Transportation Commission - Association of Bay Area Governments</i>	Winter-run Chinook salmon early life history response to flow and density-dependence in a heavily altered tailwater <i>Chase Ehlo, Cramer Fish Sciences</i>
11:10 AM	Leveraging deep neural network machine learning to proactively predict genetic winter-run Chinook salmon salvage before it occurs <i>Jereme Gaeta, CDFW</i>	Effects of antecedent conditions on harmful and beneficial algal blooms in upper San Francisco Estuary <i>Sarah Perry, DWR</i>	Simulating the effects of alternative vertical behaviors on Longfin smelt retention and survival <i>Edward Gross, RMA/GEI Consultants</i>		Community and citizen science as a bridge between science and community: Insights from the youth-engaged salmon monitoring program <i>Becca VanArnam, UC Davis</i>	Factors affecting egg-to-fry survival of winter-run Chinook salmon in the upper Sacramento River <i>John Plumb, U.S. Geological Survey</i>
11:30 AM	How individual variation in maze exploration behavior is associated with outmigration success in Chinook salmon smolts <i>Benjamin Burford, UC Santa Cruz</i>	National-scale probabilistic deep learning forecasts of riverine chlorophyll with application to the Sacramento-San Joaquin Delta <i>Jacob Zwart, U.S. Geological Survey</i>	Using echosounders to estimate northern anchovy abundance and associated predation risk to Longfin smelt in the San Francisco Bay-Delta <i>Kim Brewitt, ICF Environmental</i>		Knowledge systems as a common good: Lessons from the SR JPE program for collaborative science <i>Ashley Vizek, FlowWest</i>	Using parentage-based tagging to identify origins of Chinook salmon (<i>Oncorhynchus tshawytscha</i>) returning to a restored creek <i>Alana Luzzio, UC Davis</i>
11:50 AM	Restoring Chinook salmon spawning and rearing habitat in the lower Feather River low flow channel: Pre-project monitoring of the Oroville wildlife area river restoration project at Robinson's Riffle <i>Pete Moniz, Cramer Fish Sciences</i>	Sources and environmental fate of microcystins detected in San Francisco Bay <i>Keith Bouma-Gregson, U.S. Geological Survey</i>	Something's fishy in the Napa River: An abnormal abundance of Longfin smelt <i>Vanessa Mora, CDFW</i>		Leveraging citizen science to investigate sturgeon mortality in the San Francisco Bay Estuary <i>Nicholas Demetras, NOAA Fisheries and UC Santa Cruz</i>	Regional variation in the life history of Central Valley steelhead <i>Levi Lewis, UC Davis</i>
12:10 –1:30 PM	Lunch (Hall D) or 12:30 PM – Lunchtime Art Seminar, Room B1					

Day 3	Session 4, Room B6-8
Session	Restoration, faster: Regulatory approaches to accelerate ecological restoration in a changing Bay-Delta estuary
Moderator	Rachel Wigginton, <i>Delta Stewardship Council</i>
10:30 AM	Recent advances in restoration regulatory pathways and their applications in the San Francisco Bay-Delta estuary - <i>Rachel Wigginton, Delta Stewardship Council</i>
10:50 AM	Key models for regulatory integration in restoration and resilience - <i>Evyann Sloane, California State Coastal Conservancy</i>
11:00 AM	Restoration, faster: Streamlining regulatory approaches in a changing Bay-Delta - <i>Corinne Gray, CDFW</i>
11:10 AM	From permits to projects: Unlocking faster climate adaptation - <i>Harriet Ross, SF Bay Conservation and Development Commission</i>
11:20 AM	From concept to construction: Cutting the green tape to accelerate restoration - <i>Jill Sunahara, Environmental Science Associates</i>
11:30 AM	Streamlining restoration at tide’s end: Applying programmatic permits to accelerate multi benefit implementation - <i>Judah Grossman, DWR</i>
11:40 AM	Q&A / panel discussion

Day 3	Session 1, Room B1	Session 2, Room B2	Session 3, Room B3-5	Session 4, Room B6-8	Session 5, Room B9	Session 6, Room B10
Session	Competing and complementary visions for salmon recovery	Realizing the opportunity for hypothesis-centered science: The Healthy Rivers and Landscapes Science Program <i>Part 1</i>	Longfin Smelt Science Program: Improving our understanding of species ecology for improved management, <i>Part 3</i>	Peering beneath the surface: Advances in monitoring using sound and sight	Climate change and resiliency planning	Elevate Bay-Delta
Moderator	Kimberly Horndeski & Brett Harvey <i>UC Davis & DWR</i>	Louise Conrad, Pascale Goertler, & Brian Crawford <i>DWR</i>	Vanessa Tobias <i>CDFW</i>	Anika Agrawal <i>Delta Independent Science Board</i>	Elijah Portugal <i>CDFW</i>	Alex Braud <i>SFEI</i>
1:30 PM	An interactive fishbowl on salmon recovery and water management Rather than a traditional panel, this session uses a fishbowl and revolving conversation to create direct dialogue among representatives from diverse communities and groups with an interest in salmon and water management.	Introducing the healthy rivers and landscapes science plan: Providing the hypothesis-centered framework for scalable science to serve adaptive management and decision-makers <i>Pascale Goertler, DWR</i>	Zooper small, zooper important: Temporal shift in the zooplankton community in the Napa River <i>Jessica Jimenez, CDFW</i>	Use of acoustic cameras for dredge monitoring and risk evaluation <i>Brian Mulvey (Retired), U.S. Army Corps of Engineers</i>	The Delta in a changing climate: Findings from California's Fifth Climate Change Assessment <i>Annika Ragsdale, Delta Stewardship Council</i>	Replacing the patchwork: Collaboratively building a cohesive high-resolution dataset for the Bay-Delta estuary <i>Addie Gleekel, Delta Stewardship Council</i>
1:50 PM		Refining the HR&L science plan: Using historical data to standardize spawning habitat restoration effectiveness monitoring <i>Ryon Kurth, DWR</i>	Effects of acoustic tagging surgery on survival and swimming performance in Longfin smelt <i>Sebastian Gonzales, UC Davis</i>	Acoustics versus trawling: Using paired gear sampling to assess fish distribution in Suisun bay <i>Danielle Palm, U.S. Geological Survey</i>	Historical patterns of the Sacramento Valley river-wetland corridor to advance landscape resilience thinking <i>Alison Whipple, SF Estuary Institute</i>	A shared framework for flood risk assessment in the Sacramento-San Joaquin Delta <i>Ashok Bathulla, Delta Stewardship Council</i>
2:10 PM		Integrating existing monitoring programs into the Healthy Rivers and Landscapes program local tier hypotheses: An example from a Yuba River juvenile salmonid habitat restoration project <i>Kirsten Sellheim, Cramer Fish Sciences</i>	An interactive online tool for in-season tracking of Longfin smelt salvage and forecasting season-scale entrainment risk <i>Michael Tillotson, ICF</i>	Continuous monitoring of juvenile salmon migration from managed rice fields using video and computer vision technology <i>Jasmine Williamshen, Cramer Fish Sciences</i>	Sequential runoff projection for San Francisco Estuary upstream watersheds using bayesian state-space modeling <i>Yuchuan Lai, Tetra Tech Inc.</i>	Correcting vegetation bias in the 2025 estuary-wide lidar DEM for San Francisco Bay tidal marsh applications <i>Mino Han, SF Estuary Institute</i>
2:30 PM		Earth observation data for assessing acreage and suitability on wetted lands in the Yolo and Sutter Bypass <i>Fernando Romero Galvan, DWR</i>	A 5-year narrative to understand detection probability and the risks of entrainment <i>Tim Malinich, CDFW</i>	Integrating computer vision, eDNA, and aquatic imaging to evaluate ecological function in restored and managed Delta habitats <i>Joseph Merz, Cramer Fish Sciences</i>	Leveraging social ecological network analysis to advance climate adaptation among small surface water dependent water systems including systems reliant on imported water <i>Kristin Dobbin, UC Berkeley</i>	Spatial variation in sedimentation and revegetation rates among five restored tidal salt marshes in the San Francisco bay estuary <i>Michelle D'Aguillo, U.S. Geological Survey</i>
2:50 PM		Evaluation of potential benefits for juvenile Chinook salmon diet and growth in restored off-channel tidal habitat and comparisons with adjacent riverine channels in the north Delta. <i>Maeghen Wedgeworth, Cramer Fish Sciences</i>	The value of replication in long term ecological monitoring for rare and imperiled species <i>Morgan Gilbert, CDFW</i>		Bay adapt navigator: A living dashboard tool to empower the bay area region <i>Ujay Siddharth, SF Bay Conservation and Development Commission</i>	Filling the mudflat monitoring gap: Satellite-derived intertidal elevation for sediment dynamics and restoration assessment in San Francisco bay <i>Alex Braud, SF Estuary Institute</i>
3:10-3:30 PM	Break					

Day 3	Session 1, Room B1	Session 2, Room B2	Session 3, Room B3-5	Session 4, Room B6-8	Session 5, Room B9	Session 6, Room B10
Session	Ecosystem health across scales: From watershed transformation to nutritional stress in fish	Realizing the opportunity for hypothesis-centered science: The Healthy Rivers and Landscapes Science Program, <i>Part 2</i>	Advancing salmon resilience: Integrating life-cycle models, climate stressor insights, and innovative monitoring	Data from the sky: Remote sensing and monitoring technologies	Modeling and managing stressors: Contaminant exposure, invasive mussels, and herbicide persistence in the Delta	Cleaner waters and broader benefits: Lessons from the convergence of physical, biological, and chemical restoration
Moderator	Lauren Lui <i>Lawrence Berkeley National Lab</i>	Louise Conrad, Pascale Goertler, & Brian Crawford <i>DWR</i>	Kim Luke <i>Delta Stewardship Council</i>	Jeff Henderson <i>Delta Stewardship Council</i>	Cesar Cadena Blanco <i>U.S. Fish and Wildlife Service</i>	Darcy Austin <i>State Water Contractors</i>
3:30 PM	Advancing river dechannelization in urban watersheds: Lessons from the Sepulveda Basin Vision Plan <i>Mark Hanna, Geosyntec Consultants</i>	From flow accounting to adaptive pulse flow science: Integrating operations, planning, and evaluation to maximize ecological benefit <i>Lucy Andrews, DWR</i>	Spring-run Chinook salmon monitoring in the lower Tuolumne River in 2025 <i>Sara Hugentobler, FISHBIO</i>	Improving continuous monitoring of the Delta: A suite of software tools supporting continuous water quality, hydrodynamic, sediment, and phytoplankton data collection and sharing <i>Cat Pien, FlowWest</i>	System-scale evaluation of invasive mussel infestation risk across critical water infrastructure <i>Marisa Escobar, Geosyntec Consultants</i>	Ecosystem management in a polluted world <i>Shawn Acuna, Metropolitan Water District of Southern CA</i>
3:50 PM	Restoring for recovery – early implementation progress towards achieving healthy rivers and landscapes program habitat commitments on the lower American River <i>Chris Hammersmark, Verdantas</i>	Using pulse flows to reduce <i>C. shasta</i> spore concentration and infection rates in juvenile Chinook salmon. <i>Ryon Kurth, DWR</i>	Juvenile salmonid survival in the Delta <i>Stephanie Theis, Stantec</i>	Does grain size matter? Scale-sensitivity in measuring wetland properties from remote sensing footprints <i>Iryna Dronova, UC Berkeley</i>	When do golden mussels spawn in the Delta? <i>Lu Han, Contra Costa Water District</i> 	Restoring urban water quality through integrated monitoring and mitigation of pyrethroid and fipronil runoff <i>Marie Garcia, CA Department of Pesticide Regulation</i>
4:10 PM	Archival tissues identify trophic narrowing of marine foodwebs preceding nutrient deficiencies in California Chinook salmon <i>Alexandra Chu, UC Davis</i>	How much trap-efficiency monitoring is enough? Evaluating monitoring standards for juvenile salmonid production estimates in California Central Valley tributaries. <i>Michael Beakes, U.S. EPA</i>	Applying temperature-dependent oxygen limitation to resolve habitat viability for Chinook salmon across the freshwater to marine life history transition <i>Lance Takata, UC Santa Cruz</i>	Quantifying restoration-related habitat change using airborne and orbital hyperspectral remote sensing  <i>Fabjola Kasaj, UC Merced</i>	Evaluating Delta smelt early developmental exposure to hydrophobic organic contaminant (hoc) mixtures detected in the Sacramento deep water ship channel <i>Matthew Taylor, UC Davis</i>	The challenge of toxic runoff for river restoration projects emphasizing fish passage: The tire chemical 6PPD-quinone as a case example <i>Nathanial Scholz, NOAA, Western Washington University</i>
4:30 PM		From Sacramento River to the Central Valley: How fish archival tissues guide HRL tributary sampling design <i>Danhong Ally Li, UC Davis</i>	Reducing decision-support uncertainty for Sacramento River Chinook salmon through acoustic tracking of the previously untaggable <i>Jason Hassrick, ICF Environmental</i>	Advancing earth observations into decision making: Operational monitoring of invasive aquatic vegetation in the Delta with satellite remote sensing <i>Bailey Morrison, UC Merced</i>	Models are indeed useful: Simulating herbicide persistence for treatment of invasive submerged aquatic vegetation <i>Lily Tomkovic, DWR</i>	Multi-benefit contaminant solutions for the Bay-Delta <i>Kelly Moran, Science Advisor (retired)</i>
4:50 PM		Parentage-based tagging to estimate abundance of adult, natural origin fall-run Chinook salmon <i>Brad Cavallo, Westlands Water District</i>	Model emulation as a tool for amplifying the utility of computational models in the Delta <i>Doug Jackson, QEDA Consulting</i>	Satellite remote sensing to map mercury in south San Francisco bay <i>Jacob Klein, USGS</i>	Evaluating organic carbon and alkalinity behavior in the Sacramento-San Joaquin Delta (1990-2025) <i>John Rath, Tetra Tech</i>	Panel Discussion, moderated by <i>Stephanie Fong, CDFW</i> <i>Tracy Collier, NOAA (retired)</i>
5:10 PM	End of Day 3				 Policy & Management Showcase	