

Middle Sacramento River Science Conference Agenda

June 3-4, 2013, Chico Area Parks and Recreation District (CARD) Center, 545 Vallombrosa Avenue, Chico, CA 95926

Hosted by The Nature Conservancy and the US Fish and Wildlife Service

Monday, June 3 (9:00-4:30)			Oral Presentations
Start	Stop	Authors and Affiliations; Presenter in bold	Topic/Title (Session Chair)

9:00	9:10	Stacy Cepello (DWR)	Welcoming Remarks
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		Session 1	Wildlife Response to Restoration (Nat Seavy, PRBO)
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9:10	9:30	Michelle Gilbert , Nathaniel Seavy, Thomas Gardali and Catherine Hickey (PRBO Conservation Science for all)	Regional monitoring of restoration outcomes on the Sacramento: The Central Valley floodplain forest bird survey
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9:30	9:50	Nathaniel Seavy (PRBO), Renee Cormier (PRBO), Jessica Hammond (UCSC), Joe Silveira (USFWS) and Greg Golet (TNC)	Effects of vegetation structure and grazing on wintering bird communities of the Sacramento River floodplains
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9:50	10:10	Scott Gregory (North State Resources)	Small mammal use of grazed and un-grazed restored native grassland and shrub habitats along the Sacramento River
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10:10	10:30	Vasilissa Derugin (SFSU), Gretchen Lebuhn (SFSU), Joe Silveira (USFWS), Greg Golet (TNC), and Edward Connor (SFSU)	Response of large mammalian predators to riparian corridor restoration in the Sacramento River National Wildlife Refuge
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10:30	10:50	<i>all</i>	<i>morning break</i>
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		Session 2	Birds and River Process (Eric Larsen, UCD)
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10:50	11:10	Steven Greco (UCD)	Modeling Yellow-billed Cuckoo habitat change from 1952 and 1987 on the Sacramento River (RM155-234)
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11:10	11:30	Mark Dettling and Nathaniel Seavy (PRBO for both)	Yellow-billed Cuckoos along the Sacramento River: No evidence for population responses to riparian forest restoration
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11:30	11:50	Eric Larsen (UCD) and Frank Poulsen (ESSA Technologies)	Possible links between Bank Swallow habitat, population decline and meander migration rates, and the potential implication for management
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11:50	12:10	Ron Melcer Jr. and Adam Henderson (CDWR for both)	Bank Swallow response to rock revetment removal on the Sacramento River
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12:10	1:40	<i>all</i>	<i>lunch break</i>
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		Session 3	Sturgeon and Salmon (Bill Poytress, USFWS)
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1:40	2:00	Robert Chase (USBR) and Alicia Seeholtz (CDWR)	Site fidelity and emigration of adult green sturgeon (<i>Acipenser medirostris</i>) in the middle Sacramento River
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2:00	2:20	Bill Poytress (USFWS), Richard Corwin (USBR--retired) and Michael Thomas (UCD)	North American green sturgeon (<i>Acipenser medirostris</i>) impact mitigation measures in the upper Sacramento River, California
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2:20	2:40	Diane Coulon and Colin Purdy (CDFW for both)	Timing and composition of juvenile salmonid emigration in the Sacramento River near Moulton Weir and near Tisdale Weir
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2:40	3:00	James Earley , Matthew Brown and C. Michael Schraml (USFWS for all)	What moves you? Clear Creek juvenile salmon 24-hour passage timing studies 2012-2013
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3:00	3:20	<i>all</i>	<i>afternoon break</i>
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		Session 4	Programs and Projects (Aric Lester, CDWR)
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3:20	3:40	Michael Bradbury (CDWR) and Kelley Barker (CDFW)	Bank Swallow (<i>Riparia riparia</i>) Conservation Strategy for the Sacramento River watershed, California
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3:40	4:00	Helen Swagerty , Thomas Griggs and Michael Rogner (River Partners for all)	Riparian Sanctuary: Using multiple science disciplines to design grass roots solution for agricultural and environmental interests
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4:00	4:20	Marc Hoshovsky (CDWR)	Central Valley Flood System Conservation Strategy
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4:20	4:40	Aric Lester and Adam Henderson (CDWR)	Applying Sacramento River Conservation Area concepts and our understanding of natural river process in the feasibility study for the Kopta Slough project
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Tuesday, June 4 (8:30-2:30)			Oral Presentations
Start	Stop	Authors and Affiliations; Presenter in bold	Topic/Title (Session Chair)
		Session 5	Horticultural Restoration (Joe Silveira, USFWS)
8:30	8:50	Thomas Griggs, Jessica Hammond (River Partners for both)	Long-term monitoring and ecological performance of horticultural riparian restoration along the Sacramento River
8:50	9:10	Karen Holl (UCSC), Jessica Hammond (UCSC), Prarie Moore (Natural Resources Management Corp.), Charles McClain (HT Harvey and Assoc.) and David Wood (CSUC)	Long-term restoration of riparian understory species over large spatial scales
9:10	9:30	Michael Rogner and Thomas Griggs (River Partners for both)	Tipping the balance: Using natives to combat weeds and promote ecological resilience of riparian restoration
9:30	9:50	Adrian Frediani (TNC) and Joe Silveira (USFWS)	Wildflower restoration at the Sacramento River National Wildlife Refuge
9:50	10:10	<i>all</i>	<i>morning break</i>
		Session 6	Climate/River Process (John Stella, SUNY)
10:10	10:30	Thomas Gardali , Nathaniel Seavy, John Parodi, Leia Giambastiani and Stephanie Nelson (PRBO for all)	Climate-smart ecological restoration: framework and lessons learned from a coastal California stream
10:30	10:50	Virginia Matzek (Santa Clara University)	Carbon pools and carbon credits along a restoration chronosequence
10:50	11:10	Thomas Griggs (River Partners) and Stephan Lorenzato (Riparian Habitat Joint Venture and CDWR)	Riparian vegetation structure and flood management
11:10	11:30	John Stella (State University of New York), Jess Riddle (State University of New York), and John Battles (UCB)	Coevolving floodplain and riparian forest dynamics on the middle Sacramento River, California
11:30	1:00	<i>all</i>	<i>lunch break</i>
		Session 7	Using Ecological Indicators to Assess Progress Inform Conservation Strategies (Greg Golet, TNC)
1:00	1:20	Greg Golet (TNC) and 20 others	Successes, failures and suggested future directions for ecosystem restoration of the middle Sacramento River, California
1:20	1:50	Ryan A. Luster (TNC) and Clint Alexander (ESSA Technologies)	The Ecological Flows Tool: Using ecological indicators to support resource management decisions
1:50	2:10	Holly Jorgensen (Sacramento River Watershed Program) and Stephen McCord (McCord Environmental, Inc.)	A Regional monitoring program for the Sacramento River watershed: Objectives, benefits and challenges
2:10	2:30	Joseph Silveira and Kelly Moroney (USFWS for both)	Sacramento River National Wildlife Refuge Comprehensive Conservation Plan: Implementing Objectives for the wildlife and habitat goal
2:30	2:40	Dawit Zeleke (TNC)	Closing Remarks

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Tuesday, June 4 (2:30-4:30) Authors and Affiliations	Poster Session Title
Evan Padgett and Kristina Schierenbeck (CSUC for both)	Historical and contemporary gene flow between a cultivated hybrid and native <i>Platanus</i> species along the northern Sacramento River, California
Joe Silveira (USFWS), Ron Schlorff (DFG-retired), Dawn Garcia (Audubon), Greg Golet (TNC), Jennifer Isola (USFWS), Mike Carpenter (USFWS), Mike Wolder (USFWS), and Adam Henderson (CDWR), Danika Tsao (CDWR)	Bank Swallow (<i>Riparia riparia</i>) Colony Population Status and Trends on the Middle Sacramento River-- 1999 to 2012
Jack Anthony "Tony" Danna and Matt Reeve (CDWR for both)	Listening to Farmers about Floodway Conservation
Alicia Seeholtz (CDWR) and Robert Chase (USBR)	Sacramento green sturgeon and their highly migratory lifestyle: implications for management and restoration
Scott McReynolds (CDWR)	Characterization of habitat flow requirements for the southern distinct population segment of green sturgeon (<i>Acipenser medirostris</i>) in the upper Sacramento River, California
Abigail Whittaker (CSUC), Colleen Hatfield (CSUC), and Vasilissa Derugin (SFSU)	Managing for the future: analyzing the effects of structural landscape composition on animal visitation in the Sacramento River corridor
Bruce Orr (Stillwater Sciences) Clifford Riebe (University of Wyoming) and Ryan Peek (University of San Francisco)	Linking biological responses to river processes: Implications for conservation and management of the Sacramento River--a focal species approach
Dawn Garcia (Contract biologist), Coleen Hatfield (CSUC), Joseph Silveira (USFWS), Ronald Schlorff (CDWR-retired), and Adam Henderson (CDWR)	Rectifying the Sacramento River, California Bank Swallow (<i>Riparia riparia</i>) colony inventory database:1986-2010
Jason Schwenkler, Melinda Carlson, Brian Krebs, and Laura Askim (CSUC Geographic Information Center for all)	Medium-scale vegetation mapping of the Central Valley of California
John Hunter (AECOM), Kevin Coulton (AECOM), Ray McDowell (CDWR), Stacy Cepello (CDWR), Matt Wacker (HT Harvey & Assoc.), Lee von Gynz-Guethle (AECOM), Jonathan McLandrich (AECOM) and Eryn Pimentel (AECOM)	Floodplain restoration opportunities in the Sacramento Valley
Bev Anderson (CDWR) and BANS TAC	Bank Swallow conservation in California
Ron Melcer (CDWR), Debra Bishop, Sharon Kramer, and Hillary White (H.T. Harvey and Associates for last 3)	Central Valley flood system conservation strategy: Species focused conservation planning
Jane Dolan, Susan Strachan and Rob Irwin (Sacramento Conservation Area Forum for all)	Developing a programmatic safe harbor agreement for the Sacramento River-- Keswick to Verona
David Calo, Koll Buer (retired), Roy Hull and Seth Lawrence (CDWR for all)	Sacramento River geomorphology atlas (2013)
Elizabeth Harper (Paul Smiths College), John Stella (State University of New York) and Alex Fremier (University of Idaho)	Identifying data gaps and prioritizing restoration strategies for Fremont cottonwood using linked geomorphic and population models
Matt Rogers (CSUC)	Utilizing a species distribution model to identify potential habitat for the Yellow-billed Cuckoo along the Sacramento River
Christian McKibbin (CDFW)	Juvenile salmonid emigration monitoring in the Sacramento River near Knights Landing