

**Program California Extreme Precipitation Symposium July 17, 2025
University of California, Davis in the “ARC”**

**Theme: *From Science to Solutions: Preparing for
Extreme Weather Events in California***

Start	Time	Topic	Comment
7:30	50	Check in	Coffee, water, juice, light snacks
8:20	10	Transition	George Booth
8:30	20	Introduction and 2025 CEPSYM Award Presentation	Program MC and Awardee not yet decided (lead: Ben Tustison/Rob Hartman)
		Transition	Tim Washburn
8:50	75	Panel: Extraordinary Flood Events Impact People and Property	Moderator: Kathy Schaefer Sandy Rosenthal , Sandy Rosenthal, Founder and President of Levees.org and the Engineering Failure Education Initiative, author of <i>Words Whispered in Water: Why the Levees Broke in Hurricane Katrina</i> . New Orleans 20 Years Later: The Challenges Continue. [video] Panelists: Dezaraye Bagalayos , Allensworth Progressive Association - Flooding affecting Tulare County David Easterling , NOAA (retired) -The recent flooding of Asheville and other communities in Western North Carolina
10:05	10	BREAK	no F&B
10:15	75	Panel: Updating Probable Maximum Precipitation (PMP) and Precipitation Frequency Estimates to Account for Climate Variability	Moderator: Ben Tustison Panelists: David Easterling , NOAA Michael Anderson - DWR
11:30	60	Lunch	Lunch logistics: George Booth
12:30		Transition	
12:30	75	Panel: Overview of the Rainfall and Runoff Characteristics of the San Joaquin Basin and the Challenges Posed by Climate Change in Updating the Basin’s Flood Risk Management System	Moderator: Tim Washburn Panelists: Chris Ferrari , GEI - The San Joaquin watershed hydrology, hydraulics and flood system Romain Maendly , DWR - Anticipated climate driven changes in Basin hydrology Christopher Williams , DWR – Scope of DWR’s 2027 CVFPB Update for the San Joaquin River basin.

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1:45		Transition	
1:45	75	<p>Panel: Reducing Stress on the Flood Management System through Forecast Informed Reservoir Operation (FIRO) Flood-Managed Aquifer Recharge (Flood-MAR) Paradise Cut Bypass Expansion</p>	<p>Moderator: Ben Tustison</p> <p>Panelists: David Arrate, CA DWR - How physical and operational changes in reservoir operations (FIRO) might reduce the anticipated stress on the flood system Karandev Singh, CA DWR - How recharge (Flood-MAR) can be integrated and formulated with reservoir operations to provide multi-benefit outcomes. Bill Eisenstein, River Partners - How widening the Paradise Cut bypass could contribute to reducing urban flood risk.</p>
3:00	20	BREAK	Coffee and snacks
3:20	75	<p>Panel: Lower San Joaquin Urban Flood Risk Reduction Opportunities and Constraints</p>	<p>Moderator: Tim Washburn</p> <p>Panelists: Darren Suen, SJAFCA Mike Rossiter, R&F Engineering Status of ongoing efforts to reduce the risk of flooding in Stockton, Lathrop, and Manteca Deborah Halberstadt, Office of the CA Insurance Commissioner - Future of flood insurance industry</p>
4:35		Thank you and closing	

CECs for CFMs - The Association of State Floodplain Managers (ASFPM) is offering 6.0 continuing education credits to certified floodplain managers (CFM) who attend this symposium. FMA will send ASFPM the list. Anyone who desires a certificate of attending, should contact George Booth at fmaed@floodplain.org