



2024 California Extreme Precipitation Symposium

DRAFT as of 5 June 2024

Theme: *Anticipating and Planning for California Floods – Past and Future*



Thursday, July 11, 2024 at UC Davis, ARC Ballroom, 760 Orchard Road

AGENDA

Time	Title	Speaker
7:30 – 8:30	<i>CHECK-IN AND CONTINENTAL BREAKFAST</i>	
8:30 – 8:55	<p>Welcome Sponsors Thank You</p> <p>Special Recognition Award to: <i>Center for Western Weather and Water Extremes</i> Scripps Institution of Oceanography University of California, San Diego</p>	<p><i>Anne Heggli, PhD</i> Staff Research Scientist, Desert Research Institute, Reno</p> <p><i>Rob Hartman,</i> Robert K. Hartman Consulting Services, Roseville</p>
Morning Session: Anticipating Floods		
8:55 – 10:10	<p>Keynote Talk: From Science to Solutions: The Arc of Atmospheric Rivers from Research to Practical Utility and Future Directions</p>	<p><i>Marty Ralph, PhD</i> Director, Center for Western Weather and Water Extremes, Scripps Institution of Oceanography, UC San Diego</p>
10:10 – 10:30	<i>BREAK</i>	
10:30 – 11:00	An Overview of ARkStorm 2.0 and its Implications: California Flood Risk Looms Large in a Warming Climate	<p><i>Daniel Swain, PhD</i> Climate Scientist, Institute of the Environment & Sustainability, UCLA and NSF National Center for Atmospheric Research</p>
11:00 – noon	Evolution of Planning for Extreme Flooding in American River Watershed 1947 – 2024	<p><i>Carissa Abraham, PE</i> Engineer, MBK Engineers</p> <p><i>Ben Tustison, PE</i> Principal Engineer, MBK Engineers, Sacramento</p>
Noon – 1:00	<i>LUNCH</i>	
Afternoon Session: Planning for Floods		
1:00 – 1:30	Sacramento River Watershed Flooding Risks from Future Extreme Precipitation Events	<p><i>Christopher Williams, PE</i> Flood Planning Branch Manager California Department of Water Resources, Sacramento</p>
1:30 – 2:00	San Joaquin River Watershed Flooding Risks from Future Extreme Precipitation Events	<p><i>Daniel Hamill,</i> Civil Engineer US Army Corps of Engineers, Sacramento District</p>

2:00 – 2:30	ARkStorm 2.0 in the Truckee River Watershed: Assessing Regional Flooding Impact and Vulnerability After an Atmospheric River Megastorm	<i>Mariana Webb</i> PhD student Hydrologic Sciences University of Nevada, Reno
2:30 – 2:50	<i>BREAK</i>	
2:50 – 4:10	<p style="text-align: center;">Panel Discussion:</p> <p style="text-align: center;">Topic: How does society plan for anticipated future flood risks?</p> <p style="text-align: center;">Moderator: <i>Christine Albano, PhD</i>, Assistant Research Professor, Hydrologic Sciences, Desert Research Institute, Reno</p> <p>Start with 10-minute talks by three panelists to present major perspectives for the discussion topic.</p> <p><i>Michael J. Bishop</i>, Chief, Risk Analysis Branch, Region 9, Federal Emergency Management Agency, Oakland</p> <p><i>Michael Mierzwa, PE</i>, State Floodplain Manager, Division of Flood Management, California Department of Water Resources, Sacramento</p> <p><i>Pete Ghelfi, PE</i>, Director of Engineering (retired), Sacramento Area Flood Control Agency, Sacramento</p>	
4:10 – 4:15	<i>Feedback</i>	