



WEATHER GENERATOR TECHNICAL SEMINAR

Location: Rosenfeld Hearing Room at the Warren Alquist
State Energy Building
1516 9th Street, Sacramento, CA, 95814

Date: Tuesday, December 12, 2023

Time: 8:30 AM – 5:00 PM

Agenda Items

8:30 AM	Registration & Networking	
9:00 AM	Welcome	<i>John Andrew, Deputy Director of Climate Resilience, DWR</i>
9:05 AM	Agenda Review	<i>Romain Maendly, Climate Action Coordinator, Integrated Watershed Programs, DWR</i>
9:10 AM	Short Introduction to Climate Change Analysis	<i>Alex Perez, Water Resources Engineer, Climate Change Program, DWR</i>
9:30 AM	Weather Generator – Model Overview	<i>Scott Steinschneider, Associate Professor Department of Biological and Environmental Engineering, Cornell University</i>
10:45 AM	Break	
11:00 AM	Weather Generator – Adjust Data and Diagnose Fit* <i>*Technical Modeling Session</i>	<i>Scott Steinschneider, Associate Professor Department of Biological and Environmental Engineering, Cornell University</i>

	12:00 PM	Lunch	
	1:00 PM	Weather Generator – Scenario Creation* <i>*Technical Modeling Session</i>	<i>Scott Steinschneider, Associate Professor Department of Biological and Environmental Engineering, Cornell University</i>
	1:45 PM	Weather Generator – Future Improvement(s) and Related Work	<i>Scott Steinschneider, Associate Professor Department of Biological and Environmental Engineering, Cornell University</i>
	2:30 PM	Break	
	2:45 PM	Early Use of the Weather Generator <ul style="list-style-type: none"> • State Water Project Delivery Capability Report – Climate Change Scenarios • Turlock Irrigation District – Weather Generator Use Case 	<i>Andrew Schwarz, SWP Climate Action Manager, DWR Olivia Cramer, Utility Analyst Hydrologist, Turlock Irrigation District</i>
	3:45 PM	On-Going Work and Future Use of the Weather Generator <ul style="list-style-type: none"> • San Joaquin Watershed Studies • Climate Risk-Informed Floodplain Mapping Pilot Project 	<i>Alex Perez, Water Resources Engineer, Climate Change Program, DWR Romain Maendly, Climate Action Coordinator, Integrated Watershed Programs, DWR</i>
	4:45 PM	Look Ahead and Conclusion	<i>Romain Maendly, Climate Action Coordinator, Integrated Watershed Programs, DWR</i>
	5:00 PM	Adjourn	