

# AGU23

## WIDE. OPEN. SCIENCE.

San Francisco, CA & Online Everywhere  
11-15 December 2023

### Earth Science to Action: EIS @ AGU 2023



Monday, December 11	Tuesday, December 12	Wednesday, December 13	Thursday, December 14	Friday, December 15
<b>8:30AM-12:50PM PST</b> <b>Poster:</b> Modeling the impacts of fire induced soil hydrophobicity and vegetation disturbances on hydrologic response in the western US <a href="#">Click here</a>	<b>10:30AM-10:45AM PST</b> <b>Hyperwall:</b> Earth Information System: Earth System Science for Impact <a href="#">NASA Booth #531, Exhibit Hall</a>	<b>8:30AM-12:50PM PST</b> <b>Poster:</b> Active Fire Line as a Key Control on Hourly Fire Growth for Predictive Modeling <a href="#">Click here</a>	<b>8:30AM-12:50PM PST</b> <b>Poster:</b> Challenges of Drought Assessments in a Nonstationary Global Water Cycle <a href="#">Click here</a>	<b>10:23AM-10:26AM</b> <b>eLightening talk:</b> Use of a Satellite-derived Fire Tracking Database to Evaluate Fire Spread Models <a href="#">Click here</a>
	<b>8:30AM-12:50PM PST</b> <b>Poster:</b> Satellite remote sensing observation based groundwater monitoring over Bangladesh <a href="#">Click here</a>	<b>8:30AM-12:50PM PST</b> <b>Poster:</b> Leveraging additional VIIRS information to improve fire tracking, behavior, and emissions estimates <a href="#">Click here</a>	<b>8:30AM-12:50PM PST</b> <b>Poster:</b> Testing coherence across ensembles of statistically downscaled montane snow projections <a href="#">Click here</a>	<b>1:00PM-2:00PM</b> <b>Townhall:</b> NASA's Earth Information System (EIS): Enabling Open, Accessible, and Integrated Earth System Science <a href="#">Click here</a>
	<b>8:30AM-12:50PM PST</b> <b>Poster:</b> Linking Active Fire Properties to Post Fire Impacts on Vegetation, Streamflow, and Mass Wasting Hazards <a href="#">Click here</a>	<b>10:40AM-10:50AM PST</b> <b>Talk:</b> Detangling the uncertainties plaguing ice-sheet model projections <a href="#">Click here</a>	<b>9:00AM-9:10AM PST</b> <b>Talk:</b> How Well Can We Forecast Weather That Drives Rapid Fire Spread? <a href="#">Click here</a>	<b>2:10PM-6:30PM PST</b> <b>Poster:</b> Impact of hydrologic variables on agriculture using a coupled hydrology and agriculture system <a href="#">Click here</a>
	<b>2:10PM-6:30PM PST</b> <b>Poster:</b> Creating an open-source science ecosystem and culture for NASA's Earth Information System <a href="#">Click here</a>	<b>11:15AM-11:25AM PST</b> <b>Talk:</b> Improving the Representation of Western U.S. Wildland Fire Diurnal Cycles in Smoke Forecasting Model Frameworks and Fire Emissions Inventories <a href="#">Click here</a>	<b>2:10PM-6:30PM PST</b> <b>Poster:</b> High resolution modeling of global drought Propagation <a href="#">Click here</a>	
		<b>8:30AM-12:30PM PST</b> <b>Poster:</b> Enhancing the Accessibility and Interactions of Satellite-Informed Hydrologic Projections Under Climate and Forest Changes for Water Managers <a href="#">Click here</a>	<b>15:03AM-15:13AM PST</b> <b>Talk:</b> Post-fire water balance recovery impacted by droughts in Western U.S. as revealed by remote sensing observations <a href="#">Click here</a>	
		<b>2:10PM-2:20PM PST</b> <b>Talk:</b> Climate and human impacts on hydrological processes and flood risk in the Bay of Bengal <a href="#">Click here</a>		