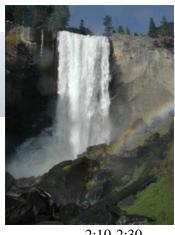


2022 Yosemite Hydroclimate Meeting, 22nd Sponsored by Yosemite Resources Management and Science

Yosemite Valley Auditorium, Yosemite National Park

Thursday, October 13

A Samuel	9:00-9:10 Welcome and Meeting Logistics Greg Stock, Park Geologist
9:10-9:30	Spring Snowpack Influences in the Volume and Timing of Spring and Peak Season Overnight Visitation to Yosemite Wilderness Jeffrey Jenkins, UC Merced
9:30-9:50	Incorporating Uncertainty and Erratic Weather into Hetch Hetchy Water And Power Operations Planning Harrison Forester, HHWP - Moccasin
9:50-10:00	Field Report: Emerging Mortality in Upper Montane and Subalpine Forests of Sierra Nevada National Parks Kimiora Ward, NPS – El Portal
10:00-10:30	Break
10:30-10:50	150 Years of Glacier Studies in Yosemite: Reproducing John Muir's 1872 Velocity Measurements of the Maclure Glacier Greg Stock, NPS – El Portal
10:50-11:10	Five Years Later: Assessing Performance of Riverbank Restoration Projects on the Merced River Erin Dickman, NPS – El Portal
11:10-11:30	Exploring Precipitation Estimates from MRMSv.12 During Summertime Precipitation Pete Fickensher, NWS-CNRF - Sacramento
11:30-11:50	Fisher MM05: Inspirational Story of How One Fisher Navigated through A High-Risk Environment Impacted by Drought, Tree Mortality, & Fire Tessa Smith, NPS – El Portal
11:50-12:10	Modeling Runoff Forecast Uncertainty Using Maps of Snow Water Equivalent to Condition Error Propagations Eli Boardman, UNR - Reno
12:10-1:30	<u>LUNCH</u>
	Jan van Wagtendonk Memorial "Fire in Yosemite" Session
1:30-1:50	Current State of Forests and Fire in Yosemite National Park: Insights from Historical and Contemporary Monitoring Chad Anderson, NPS – El Portal



2022 Yosemite Hydroclimate Meeting

Sponsored by Yosemite Resources Management and Science

Thursday, October 13, continued

1:50-2:10 **Drought and Wildfire in Yosemite's Natural Fire Laboratory**Gabrielle Boisrame, Desert Research Institute, UNR - Reno

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2:10-2:30	The Washburn Fire: A Management Success Story Lacey Hankin, NPS – El Portal	
2:30-2:50	The Chiropteran Fire Pulse: Vegetation and Hydro-Climate Mediate Changes in Bat Activity in Sierra Nevada Wilderness Zachary Steel, UC Berkeley	
3:20-3:40	Break	
3:40-4:00	Evaluating Short- and Long-Term Climate Change Effects on Fire the Sierra Nevada Ryan Bart – UC Merced	
4:20-4:40	Temperature and Soil Moisture Change from Low-Severity Fire in the Illilouette Creek Basin Gabe Lewis, UNR - Reno	
4:40-5:10	Drivers of Lightning-Ignition Efficiency in California Forests Ashwin Thomas, UC Merced	
Friday, October 14		
9:00-10:00	Instrumentation, WY2022 Recap, Telemetry Network Upgrades, DWR Snow Sensor and Stream Gage Plans/Upgrades - Roundtable Cat Fong and Rachel Hallnan, Moderators	
10:00-10:20	Truly a Race Against Time: Accelerated Amphibian Metamorphosis in the Face of Extreme Drought – There Is Hope! Rob Grasso, NPS – El Portal	
10:20-10:45	Break	
10:45-11:05	Springing into Action: An Inventory of Yosemite's Groundwater Springs Noah Hoffman, NPS – El Portal	
11:05-11:25	Geographic, Hydrological, and Climatic Significance of Rock Glaciers In the Great Basin, USA Connie Millar and Bob Westfall, Lee Vining and Davis, USDA – Ret.	
11:25-11:45	Experimental Probabilistic Wind Gust Forecasts for Yosemite National Park Kris Mattarochia, NWS - Hanford	
11:45-12:15	Group Discussion & Close- Greg Stock and Bruce McGurk	