

MtnClim 2024 Schedule		
Times	Talk Title / Activity	Presenter(s)
Monday		
1:00 PM - 5:00 PM	Paige Meadows Loop Mountain Bike Ride Meet location near Aspen Room at 1 pm	https://www.mtbproject.com/trail/2500834/paige-meadows-loop
	A moderately hard mountain bike ride that requires a bike, helmet, water/food, etc. Bring a personal bike or rent one in Tahoe City or Truckee. There are places to filter water along the ride. RSVP and questions to Adrian Harpold (Adrian.harpold@gmail.com).	
3:00 PM - 6:30 PM	Registration Desk Open	
4:30 PM - 7:00 PM	Student Meet & Greet	
7:00 PM - 8:00 PM	Redmond Lecture The Evolving Nature of Western Wildfires and Their Societal Implications	Mojtaba Sadegh
Tuesday		
7:00 AM - 8:00 AM	Breakfast (not sponsored)	
7:30 AM - 8:30 AM	Registration Desk Open	
8:15 AM - 8:30 AM	MtnClim Welcome & Logistics	
8:30 AM - 10:00 AM	Hydroclimate Extremes and Their Impacts Advancing global snow observations through the NASA SnowEx campaign	<i>Organized Session</i> Carrie Vuyovich
	Weathering Drought: The Forest Beneath Our Feet and the Hydrological Underpinnings of Tree and Stream Response	David Dralle
	Insight into extreme events and their impacts in snowy regions	Laurie Huning
	Forecast Informed Reservoir Operations: Adapting to Hydroclimate Extremes	Ava Cooper
10:00 AM - 10:30 AM	Networking Break	
10:30 AM - 11:30 AM	Precipitation, Snow, and Runoff Understanding changes in western-US precipitation predicted by high-resolution climate models	<i>Contributed Session</i> Nick Siler
10:30 AM - 10:45 AM	The "Four Horsemen of the Snowpack Apocalypse" Limit Modeling Future	Adrian Harpold
10:45 AM - 11:00 AM	Seasonal Mountain Snowmelt	
11:00 AM - 11:15 AM	A Climatology and Future Projections of Rain on Snow to Improve Structural Snow Load Estimates	Sean O'Neil
11:00 AM - 11:15 AM	Anticipating How Rain-on-Snow Events Will Change through the 21st Century: Lessons from the 1997 New Year's Flood Event	Alan Rhoades
11:30 PM - 1:00 PM	Lunch (not sponsored)	
1:00 PM - 2:45 PM	People in the Mountains The effect of climatic conditions on changing patterns of recreational use at Yosemite National Park	<i>Organized Session</i> Jeffrey Jenkins
	Modeling Day and Overnight Visitor Travel at Lake Tahoe	Scott Kelley
	Building drought early warning systems for fisheries, water management, and public resource use in the Northern Rocky Mountains	Justin Martin
	Northern Rocky Mountain ice patch perspectives on Holocene climate, ecosystem change, and human activity	Nathan Chellman
	Entrepreneurship resilience and vulnerability reduction in the Afromontane region: Analysing the livelihood strategies of female entrepreneurs in QwaQwa	Jerit Dube
2:45 PM - 3:00 PM	Breathe (Poster Setup)	
3:00 PM - 6:00 PM	Posters + Happy Hour	
6:00 PM - 7:00 PM	Sponsored Group Dinner	

Wednesday		
7:00 AM - 8:00 AM	Breakfast (not sponsored)	
8:15 AM - 9:45 AM	The past as prelude: The importance of long-term monitoring in mountain ecosystems Changes in the Cryosphere The value of uninterrupted, seasonally complete, long-term glacier mass balance data The evolution of mountain snowpack and alpine ecosystem shifts in the Teton Range, Wyoming as recorded by lake sediments in Grand Teton National Park, WY Limited directional change in mountaintop plant communities over 19 years in the Sierra Nevada and Great Basin, U.S.A.	<i>Organized Session</i> Hotaling Scott Caitlyn Florentine Darren Larsen Meagan Oldfather
9:45 - 10:00 AM	Breathe	
10:00 AM - 11:00 AM	Data in Support of Ecological Understanding I	<i>Contributed Session</i>
10:00 AM - 10:15 AM	What do we know about climate change refugia in the mountains?	Toni Lyn Morelli
10:15 AM - 10:30 AM	From Weather Station to Microclimate: Modeling Strategies for Projecting Hourly Station Data Across a Virtual Temperature Network	Stu Weiss
10:30 AM - 10:45 AM	Climate Change as a Major Evolutionary Event With Cascading Impacts	Tom Whitham
10:45 AM - 11:00 AM	Ongoing elevation-dependent warming in the northern Andes	Daniel Ruiz-Carrascal
11:00 AM - 11:15 AM	Breathe	
11:15 AM - 12:15 PM	Data in Support of Ecological Understanding II	<i>Contributed Session</i>
11:15 AM - 11:30 AM	Subarctic Shifts: Ecosystem Change in Denali National Park	Johanne Albrigtsen
11:30 AM - 11:45 PM	Sounds of Change: Long-term monitoring of Lake Tahoe's bird populations in response to climate change	Shale Hunter
11:45 AM - 12:00 PM	Assessing the relative contributions and quality of long-term mountain climate monitoring stations in the Pacific Northwest	Rachel Fricke
12:00 AM - 12:15 PM	Climate projection uncertainties hamper 21st Century sustainability planning in California	James Thorne
12:15 PM - 3:30 PM	Bag Lunch (sponsored) & Outdoor Adventures (tours, etc)	
3:30 PM - 3:45 PM	Group Photo	
3:45 PM - 5:15 PM	Early Career Research Highlights Monitoring the Mountains: A call to move beyond daily data and unlock new research opportunities Climate change impacts to hydrologic and biogeochemical function of glacierized costal watersheds in Southcentral Alaska Precipitation Regime Shifts in High Elevations: Amplifying Flood Risks in a Warming Climate	<i>Organized Session</i> Anne Heggli Anna Bergstrom Mohammed Ombadi
5:15 PM - 5:30 PM	Day Wrap-Up (fun photo activity?) - Dinner on your own (go out with new friends!)	

Thursday		
7:00 AM - 8:00 AM	Breakfast (not sponsored)	
8:15 AM - 9:30 AM	Lakes in Mountains I	<i>Contributed Session</i>
8:15 AM - 8:30 AM	Linking mountain streamflow to near-shore metabolism in a large, oligotrophic lake	Kelly Loria
8:30 AM - 8:45 AM	Oxygen Under Ice: using long term monitoring to understand inter-annual variability	Katie Gannon
8:45 AM - 9:00 AM	Responses of high-elevation lake biogeochemistry to global change: synthesizing 30+ years of data across the southern Rocky Mountains	Isabella Oleksy
9:00 AM - 9:15 AM	Sensitivity of long-term ecological data: An analysis of the effects of reduced sampling frequency on water quality trends in Loch Vale	Adeline Kelly
9:15 AM - 9:30 AM	Seasonal chemistry and ecology of high elevation, Wyoming lakes	Casey Brucker
9:30 AM - 10:00 AM	Networking break	
10:00 AM - 11:00 AM	Lakes in Mountains II	<i>Contributed Session</i>
10:00 AM - 10:15 AM	The Effects of Climate on Thermal Stability Observed through a Decade of High-Resolution Measurements from Uinta Mountain Lakes, Utah, USA	Katrina Moser
10:15 AM - 10:30 AM	Spatial-Temporal variation of organic matter and nutrients in two mountains lakes	Carina Seitz
10:30 AM - 10:45 AM	Regional Wildfires Impact the Ecological Structure of Castle Lake (CA, USA)	Facundo Scordo
10:45 AM - 11:00 AM	Wildfire Smoke Affects Mountain Lake and Pond Thermal and Metabolic Regimes: A Watershed-Scale Investigation	Mary (MJ) Farruggia
11:00 AM - 11:15 AM	Breathe	
11:15 AM - 12:00 AM	Snow, Forests, Fire, and Management	<i>Contributed Session</i>
11:15 AM - 11:30 AM	Before a Fire: Snow matters to Sierra Nevada Forests	Anne Nolin
11:30 AM - 11:45 AM	Snow refugia: Exploring snow dynamics across a gradient of dormant	Alexej Siren
11:45 AM - 12:00 AM	Landscape-Scale Forest Restoration Can Provide a Long-Term Drought	Eli Boardman
12:00- 1:30 PM	Lunch (not sponsored)	
1:30 PM - 3:00 PM	Future of Fire: Science, Resilience, and Action in a Burning World	<i>Organized Session</i>
	Deciding the fires of the future: an early career perspective on wildfire socio-environmental research	Aaron Russell
	Synthesizing fire regime departure with open accessible science for resilient forest management	Michael Koontz
	Advancing Wildfire Resilience with Planscape	Rob Lawson
	Reimagining science, management, and culture: towards effective adaptation to changing fire regimes	Carolyn Enquist
3:00 PM - 3:30 PM	Networking Break	
3:30 PM - 4:15 PM	Forests, Climate, Management, and Fire	<i>Contributed Session</i>
3:30 PM - 3:45 PM	Multi-attribute Evaluation of Sierra Nevada Mixed Conifer Forest Simulations Under Historical Environment, Management and Fire Regimes	Lara Kueppers
3:45 PM - 4:00 PM	Initializing a process-based vegetation model, FATES, with airborne-derived forest structure and composition in a fire-mediated landscape	Anna Spiers
4:15 PM - 4:30 PM	Breathe and flash set up	
4:30 PM - 5:30 PM	Flash Session (2 slides, 3 minutes - sign up at registration)	
6:00 PM - 7:00 PM	Sponsored Group Dinner	
7:30 PM - 8:30 PM	Evening event & MtnClim Closing Mountains in the Greenhouse	Don McKenzie