AMS

American Meteorological Society



21st Conference on Mountain Meteorology

22 - 26 July 2024

Boise, ID and Online

Boise Centre

FOREWORD

Welcome to Boise, Idaho, for the American Meteorological Society's 21st Conference on Mountain Meteorology! This is the first time the AMS has had a conference in Boise, so we are trail blazers for our community. We are fortunate to have a local member, Prof. Alejandro (Lejo) Flores of Boise State, on the committee to help us learn about the area. At Lejo's suggestion, our conference excursion will be to Bogus Basin, a year-round resort overlooking the area. The excursion will take place on Wednesday afternoon for those who purchased tickets.

A critical part of every scientific meeting is ample time for networking. Monday evening will feature an icebreaker reception with refreshments at the CW Penthouse at CW Moore Plaza. The formal poster viewing sessions will occur on Tuesday and Thursday afternoon.

In 2008, the Mountain Meteorology committee began honoring distinguished members of our scientific community with the Mountain Meteorology Award, which then changed to the Mountain Meteorology Named Session Award. This year's Award will be presented to Jim Doyle. A special session celebrating Jim's many contributions will be convened in his honor on Tuesday afternoon, featuring invited talks from Drs. Dale Durran, Vanda Grubisic, and Todd Lane, and ending with a keynote presentation from Jim.

The Mountain Meteorology committee is especially pleased to welcome student presenters to the conference. We ask everyone to support our outstanding young scientists by attending their presentations and networking with them during the conference. We are pleased to be presenting several student awards for both the top oral and top poster presentations. These student awards are being coordinated by Dr. Bianca Adler.

We would like to thank Jeiry Nin Gomera and Lisa Harris with the AMS for their efforts over the past year to ensure a successful meeting. We also want to thank all members of the Mountain Meteorology Committee and the session chairs for their assistance with developing and executing this year's program.

We hope that your time at the conference is productive and enjoyable.

Robert Fovell, Jason Knievel, and Kristen Rasmussen
Program Chairpersons
21ST CONFERENCE ON MOUNTAIN METEOROLOGY

AMS COMMITTEE ON MOUNTAIN METEOROLOGY
Kristen Rasmussen, Chairperson, Bianca Adler, Alejandro Flores, Robert Fovell, Heather Holmes, Matthew Jeglum, Jason Knievel, Manuela Lehner, Alison Nugent, Paul Nutter
Student Members: Zoe Douglas, Michael Wasserstein

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General Information

Organizers
The 21st Conference on Mountain Meteorology is organized by the AMS Committee on Mountain Meteorology and hosted by the American Meteorological Society.

Connect
Follow conference updates on X @ametsoc and @AMSMountain. Also share your posts using the hashtag #AMSMountain2024.

Conference Badges and Registration
All those in attendance of the AMS conference must register and wear the name badge associated with their registration package. Please wear your badge in a viewable spot at all times during the conference. As a reminder, during registration you agreed to follow the AMS Professional and Respectful Conduct and the AMS Commitment to Care.

The AMS Registration Desk is located in Room 440 at the Boise Centre. The AMS Registration Desk will be open for registration on Sunday, 21 July from 5:00pm-7:00pm, and Monday-Friday during the hours of the conference.

Attendees who have registered for a full week package may attend all conference sessions (in person or virtual), coffee breaks, and poster viewings.

Attendees who have registered for a one day package may attend, for one calendar day, admission to all conference sessions (in person or virtual), coffee breaks, poster viewings and/or receptions that take place on that day.

Uploading Presentations
Speakers who have not already uploaded their presentation file in Presenter's Corner and are attending in person may upload their presentations in the room they are presenting in. Uploading can take place before a session or during a coffee break at least 30 minutes prior to your session start time. There will be a Presentation Viewing Room onsite in Room 440 where you can ensure that your presentation has been uploaded correctly.

EVENTS
Icebreaker Reception
Monday, 22 July | 5:30 - 7:00 PM | CW Penthouse
Join us for a welcome reception! Come mix and mingle with your colleagues. Light refreshments will be available, as well as a cash bar. This reception will be pescatarian, in an effort to support our Green Meetings Initiative.

Bogus Basin Excursion
Wednesday, 24 July | 12:30-5:00 PM | Bogus Basin
Join us for an afternoon at Bogus Basin, a recreational ski area in Boise. There are plenty of summer activities, hiking trails and restaurants available on site. A separate ticket is needed for round trip transportation (45 minute bus ride each way).

Formal Poster Viewings
All posters will be located in Room 400AB. Formal poster viewings will take place Tuesday and Thursday, 5:15pm-6:45pm

General Information

Poster Set Up and Tear Down Information

Session	Set Up After	Formal Viewing Time	Tear Down By*
Tuesday	Tues 10:00 AM	5:15-6:45 PM	Wed 10:00 AM
Thursday	Thurs 10:00 AM	5:15-6:45 PM	Fri 10:00 AM

*Note that AMS is not responsible for posters not removed by the tear down time.

Special Needs

It is our sincere desire to comply fully with both the letter and the spirit of the Americans with Disabilities Act of 1990 (ADA). Special housing needs should have been requested when making hotel reservations. Should you need assistance onsite, please see Jeiry or Jessica at the AMS Registration Desk.

Inclusivity at AMS

AMS is committed to creating an environment for meetings that "embraces diversity through the inclusion of individuals across age, gender, race, sex, nationality, ethnicity, physical ability, marital status, sexual orientation, body shape or size, gender identity and expression, socioeconomic status, and other facets of social diversity"

Professional and Respectful Conduct at AMS Meetings

Need to report unprofessional or disrespectful conduct? Email conduct@ametsoc.org or text 617-606-4369.

AMS is committed to safe and inclusive meetings for all attendees. Harassment, intimidation, or discrimination of any kind will not be tolerated at any meeting or event associated with the meeting. All communication should be appropriate for a professional audience including people of many different backgrounds. Be inclusive and respectful.

The recording or transmissions of any education sessions, presentations, demos, videos, or content in any format is strictly prohibited. Participants should not copy or take screenshots of Q&A or any chat room activity that takes place in the virtual space. This statement is meant to cover all meeting-associated events, including those sponsored by organizations other than AMS but held in relation to AMS events. This includes the scientific program, short courses, and exhibitions, as well as receptions, town hall meetings, and other informal or formal gatherings associated with AMS.

Similarly, participants shall adhere to this code of conduct in online spaces related to the meeting and meeting-associated events, including Facebook, Twitter, and other online venues. Those who violate the standards of professional and respectful conduct may be asked to leave the meeting immediately and without refund, may not be considered for service on AMS boards and committees, and may be subject to additional legal action.

Harassment, intimidation, or discrimination includes offensive comments and actions related to age, gender and gender identity, sexual orientation, disability, physical appearance, body size, race, religion; sexual images in public spaces; deliberate intimidation, stalking, or following; harassing photography or recording; sustained disruption of talks or other events; inappropriate physical contact; and unwelcome sexual attention.

As a reminder, during registration you agreed to follow the AMS Professional and Respectful Conduct and the AMS Commitment to Care.

If you are the subject of unacceptable behavior or have witnessed any such behavior, please immediately either:

- Email conduct@ametsoc.org or text 617-606-4369.
- If you witness or experience behavior that constitutes an immediate and serious threat, please call 911.

Photo Release: From time-to-time AMS uses photographs of conference events in its promotional materials. Unless this permission is revoked in writing to AMS, by virtue of their attendance all conference visitors agree to the use of their likeness in such materials.

Thank you and enjoy the conference!

Monday, 22 July 2024		
	Room 400C	
8:30	**Fog and Aerosols in Complex Terrain** 8:30: **1.1:** Linking heat and moisture budgets during fog events to droplet spectra behavior **Eric R. Pardyjak** 8:45: **1.2:** Advancements in Understanding Cold Fog over Complex Terrain: Progress and Results from the CFACT Project **Zhaoxia Pu** 9:00: **1.3:** Understanding the Role of Micro-Scale Thermodynamic Circulations and Turbulence on Moisture Transport and Fog Formation in a Stably Stratified Nocturnal Boundary Layer During the CFACT Field Campaign. **Zach Ruble** 9:15: **1.4:** A Study of Influential Conditions for Cold Mountainous Fog Formation Using Observations from CFACT Field Campaign **Rebecca Lynn Beal** 9:30: **1.5:** Large Spatiotemporal Variability in Aerosol Properties over the Sierras de Córdoba in Central Argentina during the CACTI Field Campaign **Jerome Fast** 9:45: **1.6:** Horizontal and Vertical Variability of Sundowner Winds Observed During SWEX **Griffin Modjeski**	8:30
10:00	**Coffee Break (400AB)**	10:00
10:45	**Dynamics and Physics of Orographic Clouds and Precipitation I** 10:45: **2.1:** Introducing the Snow Sensitivity to Clouds in a Mountain Environment (S^2noCliME) Field Campaign **Lynn McMurdie** 11:00: **2.2:** Interactions between Meso-beta scale Gravity Waves and Deep Convection in Complex Terrain **Steven E. Koch** 11:15: **2.3:** Multiscale Mountain Waves associated with Orographic Precipitation over Basin and Range Topography **David E. Kingsmill** 11:30: **2.4:** Factors Controlling the Extent and Location of Cumulus Convection over the Sierras de Córdoba **Tracen Knopp** 11:45: **2.5:** Environmental Conditions Leading to Observed Convective Aggregation in Central Argentina **Clayton Robert Stanley Sasaki**	10:45
12:00	**Lunch Break**	12:00
1:30	**Dynamics and Physics of Orographic Clouds and Precipitation II** 1:30: **3.1:** Numerical Weather Prediction of the Synoptic to Mesoscale Processes Leading to Heavy Precipitation during Hurricane Hilary's (2023) Passage over Complex Terrain in the Southwestern U.S. **Jackson Tyler Wiles** 1:45: **3.2:** Analysis and Prediction of Summer Rainfall over Southwestern Utah **John D. Horel** 2:00**: 3.3:** The Sensitivity of North American Monsoon Orographic Rainfall to Gulf of California Sea Surface Temperatures **Justin R Minder** 2:15: **3.4:** Comparison of Microphysical and Topographical Influences on Warm Season Storm Electrification Between Subtropical South America and Colorado **Mitchell Gregg** 2:30: **3.5:** Investigation of the Mountain Convective Minima **Maxim Couillard** 2:45: **3.6:** Impact of Orographic Precipitation and Human Impacts on the Coastal Zone along the South-Western India during the Anthropocene **Busnur Rachotappa Manjunaha Sr.**	1:30
3:00	**Coffee Break (400AB)**	3:00
3:45	**The Mountain Cryosphere I** 3:45: **4.1:** Multi-season analysis of the boundary layer structure and evolution in Colorado's East River Valley **Bianca Adler** 4:00: **4.2:** Measurements of turbulent fluxes in the complex terrain of the East River valley, Colorado. **Eli Schwat** 4:15: **4.3:** Can Surface Albedo be Greater than 1? Using Radiometry, Solar Geometry, and Videography to Understand this Mystery and What it Means for Measurement-Model Intercomparisons **Daniel Feldman** 4:30: **4.4:** Influence of mountain wind regimes on surface energy balance during the SPLASH field campaign **Brian J. Butterworth** 4:45: **4.5:** Organic Aerosol Influence on Meteorology and Aerosol-Cloud Interactions within the Complex Mountainous Terrain in the Upper Colorado River Basin **Allison C Aiken, PhD** 5:00: **4.6:** Seasonal Changes in Surface Net Cloud Radiative Effects in the Upper Colorado River Basin **William Rudisill** 5:15: **4.7:** An Evaluation of the Impacts from the Remnants of Hurricane Hilary in August of 2023 across the Spring Mountains of Clark County, Nevada **Stanley Czyzyk**	3:45
5:30	**Sessions End for the Day**	5:30
5:30	**Icebreaker Reception (CW Penthouse)**	5:30

Tuesday, 23 July 2024		
	Room 400C	
8:15	**Precipitation Processes and Cloud Seeding** 8:15: **5.1:** Historical Precipitation Trends in the East River Basin, Colorado in Observations and High-Resolution Model Data **Erin M. Dougherty** 8:30: **5.2:** Evaluating the Precipitation Impacts of Cloud Seeding in the Medicine Bow and Sierra Madre Mountain Ranges using WRF-WxMod® within an Ensemble Modeling Framework **Michelle A. Harrold** 8:45: **5.3:** Orographic Effects on Cloud Seeding Feasibility in Idaho's Lemhi River Basin: Part 1 Climatology and Ground-Based Seeding Simulations **Meghan H Stell** 9:00: **5.4:** Orographic Effects on Cloud Seeding Feasibility in Idaho's Lemhi River Basin: Part 2 Airborne Seeding **Masih Eghdami** 9:15: **5.5:** Precipitation Formation in Wintertime Orographic Clouds: Microphysical Processes and Surface Precipitation **Katja Friedrich** 9:30: **5.6:** Exploring Glaciogenic Cloud Seeding Within The CLOUDLAB Field Project For Evaluating Ice Crystal Growth in Large-Eddy Simulations in ICON **Nadja Omanovic**	8:15
9:45	**Coffee Break (400AB)**	9:45
10:30	**Dynamics and Physics of Orographic Clouds and Precipitation III** 10:30: **6.1:** The Role of Orography in the Vertical Mixing of Giant SSA Along Tropical Coastlines **Alison D. Nugent** 10:45: **6.2:** Modulation of Land Breeze Driven Offshore Convection by Complex Topography off the Island of Java **Georgios Priftis** 11:00: **6.3:** Microphysical processes in mountainous terrain: Insights from the 2022 PRECIP campaign in Taiwan **Angela Rowe** 11:15: **6.4:** Orographic Influence on Heavy Rainfall Events in Taiwan and Southern China **Kristen Lani Rasmussen** 11:30: **6.5:** Topographic and Diurnal Influences on Storms Associated with Heavy Rainfall in Northern Colorado and Taiwan **Zoe Alyssa Douglas** 11:45: **6.6:** Orographically Enhanced Precipitation Associated with Different Background Precipitation of Typhoon Chanthu (2021) **Tsubaki Hosokawa**	10:30
12:00	**Lunch Break**	12:00
1:30	**Numerical Weather Prediction, Data Assimilation, and Forecasting in Complex Terrain I** 1:30: **7.1:** Inland-penetrating Atmospheric Rivers and Hydrometeorological Impacts in Colorado **Jonathan J. Rutz** 1:45: **7.2:** Development of Data Assimilation for High-resolution Modeling of Weather Flows over Lushan Mountain in Eastern China **Yubao Liu** 2:00: **7.3:** Fuzzy Winter-Ozone Predictions **John Robert Lawson** 2:15: **7.4:** Analysis of Wind Response to Resolved and Parametrized Orographic Drag Across Moderately Complex Terrain **Julian Andres Quimbayo Duarte** **2:30: 7.5:** How to Make Weather Information Beneficial for Society: A Multidisciplinary Story **Matthew E. Jeglum** 2:45: **7.6:** Secrets of the Greatest Snow on Earth: An Online General Education Science Course in Mountain Weather and Climate for Snow Enthusiasts **Jim Steenburgh**	1:30
3:00	**Coffee Break (400AB)**	3:00
3:45	**A Session in Honor of Dr. James Doyle** 3:45: **8.1:** Contrasting the Role of Tall versus Shallow Orography on the Diurnal Evolution of the Marine Atmospheric Boundary Layer over Island Wakes *James* **Anthony Hlywiak** 4:00: **8.2:** Turbulence and wave breaking: progress and opportunities **Todd Lane** 4:15: **8.3:** The Airflow over Mountains: From Greenland to New Zealand **Vanda Grubišić** 4:30: **8.4:** Mountain waves, rotors and downslope winds: contributions from Jim Doyle **Dale R. Durran** 4:45: **8.5:** Predictability of Mountain Waves and Downslope Windstorms: Current Understanding and Challenges **James D. Doyle**	3:45
5:15	**Formal Poster Session I (400AB)**	5:15

Wednesday, 24 July 2024		
	Room 400C	
8:15	**Macroclimates, Microclimates, and Climate Change in the Mountains** 8:15: **9.1:** Environmental conditions conducive to generating cells observed during SNOWIE **Sarah A. Tessendorf** 8:30: **9.2:** Climate Change in the Drakensberg Mountain Range: Observations and Adaptations of South African Mountain Guides. **Gavin Edward Craig Heath** 8:45: **9.3:** Elevation-dependence evaluation of historical bias-corrected dynamically downscaled GCMs across the western United States **Pramod Adhikari** 9:00: **9.4:** Mountains modulate the response of precipitation flashiness to warming in the western US **Matthew Koszuta, PhD Candidate** 9:15: **9.5:** How robust is the decrease in orographic influence on western-US precipitation in a warmer climate? **Nicholas T. Siler** 9:30: **9.6:** Global and local scale climatic controls of a montane forest growth in the Western Sudetes, Poland **Mieczysław Sobik**	8:15
9:45	**Coffee Break (400AB)**	9:45
10:30	**Mountain Boundary Layers, Turbulence, Thermally Direct Flows, and Gravity Waves** 10:30: **10.1:** Predicting Terrain-Induced Turbulence Kinetic Energy for Smokejumper Operational Support in Complex Terrain **Natalie Wagenbrenner** 10:45: **10.2:** Novel Observations of the Mountain Boundary Layer near Salt Lake City using Terminal Doppler Weather Radar **Aaron C. McCutchan** 11:00: **10.3:** Investigation of Foehn Phenomena Mechanism in the Western Alborz Mountain **Jeff (Jafar) Sepehri, PhD Candidate.** 11:15: **10.4:** Subtropical foehn winds in Southeast Queensland, Australia: Synoptic forcing and foehn meteorology **Hamish A. McGowan** 11:30: **10.5:** Comparative Analysis of Gravity Wave Characteristics in China and the United States Using High Vertical Resolutin Radiosonde Observations **Qiying Chen**	10:30
11:45	**Sessions End for the Day**	11:45
12:30	**Excursion to Bogus Basin**	12:30

Thursday, 25 July 2024		
	Room 400C	
8:15	**Downslope and Gap Winds** 8:15: **11.1:** Windstorms in coastal mountains: observing and modeling mesoscale features and boundary layer interactions during the Sundowner Winds Experiment (SWEX). **Leila Carvalho** 8:30: **11.2:** An Analysis of Extended Operation Periods During the Sundowner Winds Experiment **Marian de Orla-Barile** 8:45: **11.3:** Does sunset cause Sundowners? Sometimes. **Matthew Brewer** 9:00: **11.4:** Modeling and observing downslope winds during the Sundowner Winds Experiment (SWEX) IOP10 **Gert-Jan Duine** 9:15: **11.5:** The Raco gap wind, Part 1: Hydraulic analysis **Laurence Armi** 9:30: **11.6:** The Raco gap wind, Part 2: Cold-air pool interaction. **Ricardo C. Munoz**	8:15
9:45	**Coffee Break (400AB)**	9:45
10:30	**Numerical Weather Prediction, Data Assimilation, and Forecasting in Complex Terrain II** 10:30: **12.1:** High-Resolution Reanalysis of Northeast Wind Regimes in Northern California **Alana Macken** 10:45: **12.2:** The Three-Dimensional Structure of Local Winds "Rokko-oroshi" in Japan under Various Pressure Patterns **Hirotaka Abe** 11:00: **12.3:** An Experiment in Hybrid Weather Prediction for Downslope Windstorms **Robert G. Fovell** 11:15: **12.4:** Assessing the Impact of Data Assimilation and Microphysics Schemes on Monsoon Precipitation Forecasts over Arizona Complex Terrain **Christoforus Bayu Risanto S. J** 11:30: **12.5:** Evaluation of Optimal Mesonetwork Design for Monitoring and Predicting North American Monsoon (NAM) Convection Using Observing System Simulation Experiments (OSSE) **S M Samkeyat Shohan** 11:45**: 12.6:** Evaluation of two ABL Parameterizations for Fog Forecasting over the Swiss Plateau **Juerg Schmidli**	10:30
12:00	**Lunch Break**	12:00
1:30	**Applications of Mountain Meteorology I** 1:30: **13.1:** Timely, gridded estimates of fuel moisture content using machine learning for better wildfire management in mountainous regions of the United States **Jason C. Knievel** 1:45: **13.3:** Assessment of HRRR Historical Hot Dry Windy Index and Red Flag Criteria for the Western US **Alexander A. Jacques** 2:00: **13.4:** Evaluation of WindNinja Simulations in Canyons and Complex Terrain **Marc Buchs** 2:15: **13.5:** Fire Eruption: Observations from the California Canyon Fire Experiment **Craig B. Clements** 2:30: **13.6:** A Deep Learning Approach for Monitoring and Forecasting Fire Weather Conditions in Southern California **Charles Jones** 2:45: **13.7:** An Analysis of the June 21, 2023 Red Rocks Amphitheater Hailstorm **Paul T. Schlatter**	1:30
3:00	**Coffee Break (400AB)**	3:00
3:45	**Applications of Mountain Meteorology II** 3:45: **14.1:** The Meteorology of the 2020 Maui Wildfire: Mesoscale Evolution, Synoptic Control, and Predictability **Clifford F. Mass** 4:00: **14.2:** Fire-modified Winds during the Lahaina Fire **Taelor Mesa** 4:15: **14.3:** Investigation of the interactions between a hydraulic jump and fire behavior during the August 8th Lahaina fire **Cliff Ehrke** 4:30: **14.4:** California Fire Weather Wind Profiling Network **Scott Dilworth** 4:45: **14.5:** Smoke-shading drives thermally forced circulations resulting in hazardous smoke inundation **Neil P. Lareau** 5:00: **14.6:** Long Range Pyrometeor Transport in Wildfire Plumes **Christopher Atkinson**	3:45
5:15	**Formal Poster Session II (400AB)**	5:15
6:45	**Sessions End for the Day**	6:45

Friday, 26 July 2024		
	Room 400C	
8:30	**The Mountain Cryosphere II** 8:30: **15.1:** Relating Teleconnection Indices to Avalanche Data in the Italian Alps **Carlo Bee** 8:45**: 15.2:** Specialized Probabilistic Mountain Weather Forecasts in Support of Snow Safety and Avalanche Mitigation Efforts **Michael E. Wessler** 9:00**: 15.3:** Diverse Characteristics of Extreme Orographic Snowfall Events in Little Cottonwood Canyon, Utah **Michael L. Wasserstein** 9:15: **15.4:** Validation of Cool-Season Snowfall Forecasts at a High-Elevation Site in Utah's Little Cottonwood Canyon **Michael David Pletcher** 9:30: **15.5:** Using novel lake-based snowfall measurements in the Rockies, Alps, and Himalayas to assess and optimise the representation of snowfall in the MetUM regional atmospheric model at kilometre grid-scales **Andrew Orr** 9:45: **15.6:** Understanding the Precipitation Dynamics over High-altitude Glaciated Regions in the Central Himalaya using High-resolution Numerical Simulations **Ujjwal Tiwari**	8:30
10:00	**Coffee Break (400AB)**	10:00
10:45	**Banner Clouds** 10:45: **16.1:** A Strategy for a Campaign at Mt Matterhorn to Investigate Banner Cloud Formation **Volkmar Wirth** 11:00: **16.2:** The MatterHEX Experiment – Doppler Wind LiDAR Observations of Atmospheric Flow Patterns Related to Banner Cloud Formation in Highly Complex Terrain **Sebastian W. Hoch** 11:15: **16.3:** Large Eddy Simulation of Flow past Mt. Matterhorn and Comparison with Observations from the MatterHEX Experiment **Marius Levin Thomas** 11:30: **16.4:** Understanding the Formation of "Tsurushi Clouds" around Mt. Fuji: Effects of Wind Speed and Humidity on the Altitude and Thickness of the Clouds **Hiroyuki Kusaka** 11:45: **16.5:** The Influence of Mountain Height on Tsurushi Clouds Formation: A Comparative Study of Mt. Fuji and Mt. Iwaki **Riho Matsuyama**	10:45
12:00	**Sessions End for the Day**	12:00

	Paper #	Day	Time	Location
A				
Abe, H.	12.2	Thu	10:45 AM	400C
Adhikari, P.	9.3	Wed	8:45 AM	400C
Adler, B.	4.1	Mon	3:45 PM	400C
Adler, B.	18	Thu	5:15 PM	400AB
Aiken, A. C.	4.5	Mon	4:45 PM	400C
Armi, L.	11.5	Thu	9:15 AM	400C
Atkinson, C.	14.6	Thu	5:00 PM	400C
B				
Baker, Jr, C. C.	29	Thu	5:15 PM	400AB
Beal, R. L.	1.4	Mon	9:15 AM	400C
Bee, C.	15.1	Fri	8:30 AM	400C
Bharati, P.	15	Tue	5:15 PM	400AB
Billings, B. J.	4	Tue	5:15 PM	400AB
Blas, M.	26	Thu	5:15 PM	400AB
Brewer, M.	11.3	Thu	8:45 AM	400C
Brown, W. O. J.	8	Tue	5:15 PM	400AB
Buchs, M.	13.4	Thu	2:00 PM	400AB
Butterworth, B. J.	4.4	Mon	4:30 PM	400C
C				
Carvalho, L.	11.1	Thu	8:15 AM	400C
Chen, Q.	10.5	Wed	11:30 AM	400C
Chimborazo, O. V.	27	Thu	5:15 PM	400AB
Clements, C. B.	13.5	Thu	2:15 PM	400AB
Couillard, M.	3.5	Mon	2:30 PM	400C
Czyzyk, S.	4.7	Mon	5:15 PM	400C
d				
de Orla-Barile, M.	11.2	Thu	8:30 AM	400C
D				
Dilworth, S.	14.4	Thu	4:30 PM	400C
Dougherty, E. M.	5.1	Tue	8:15 AM	400C
Dougherty, E. M.	32	Thu	5:15 PM	400AB
Douglas, Z. A.	6.5	Tue	11:30 AM	400C
Doyle, J. D.	8.5	Tue	4:45 PM	400C
Duine, G. J.	11.4	Thu	9:00 AM	400C
Durran, D. R.	8.4	Tue	4:30 PM	400C
E				
Eghdami, M.	5.4	Tue	9:00 AM	400C
Ehrke, C.	14.3	Thu	4:15 PM	400C
Evans, A. N.	2	Tue	5:15 PM	400AB
F				
Fast, J.	1.5	Mon	9:30 AM	400C
Fast, J.	13	Tue	5:15 PM	400AB
Feldman, D.	4.3	Mon	4:15 PM	400C
Fovell, R. G.	12.3	Thu	11:00 AM	400C
Friedrich, K.	5.5	Tue	9:15 AM	400C
Friedrich, K.	1	Tue	5:15 PM	400AB
G				
Gibson, L.	34	Thu	5:15 PM	400AB
Golden, N.	23	Thu	5:15 PM	400AB
Gregg, M.	3.4	Mon	2:15 PM	400C
Grubišić, V.	8.3	Tue	4:15 PM	400C
Gutmann, E. D.	35	Thu	5:15 PM	400AB
H				
Harrold, M. A.	5.2	Tue	8:30 AM	400C
Harrold, M. A.	16	Thu	5:15 PM	400AB
Heath, G. E. C.	9.2	Wed	8:30 AM	400C
Hlywiak, J. A.	8.1	Tue	3:45 PM	400C
Hoch, S. W.	7	Tue	5:15 PM	400AB
Hoch, S. W.	16.2	Fri	11:00 AM	400C
Hong, X.	28	Thu	5:15 PM	400AB
Horel, J. D.	3.2	Mon	1:45 PM	400C
Hosokawa, T.	6.6	Tue	11:45 AM	400C
J				
Jacques, A. A.	13.3	Thu	1:45 PM	400AB
James, C. N.	22	Thu	5:15 PM	400AB
Jeglum, M. E.	7.5	Tue	2:30 PM	400C
Jones, C.	13.6	Thu	2:30 PM	400AB
K				
Kingsmill, D. E.	2.3	Mon	11:15 AM	400C
Knievel, J. C.	13.1	Thu	1:30 PM	400AB
Knopp, T.	2.4	Mon	11:30 AM	400C
Koch, S. E.	2.2	Mon	11:00 AM	400C
Koszuta, M.	9.4	Wed	9:00 AM	400C
Kusaka, H.	16.4	Fri	11:30 AM	400C
L				
Lane, T.	8.2	Tue	4:00 PM	400C
Lareau, N. P.	14.5	Thu	4:45 PM	400C
Lawson, J. R.	7.3	Tue	2:00 PM	400C
Liu, Y.	7.2	Tue	1:45 PM	400C
M				
Macken, A.	12.1	Thu	10:30 AM	400C
Manjunaha, B. R. Sr.	3.6	Mon	2:45 PM	400C
Mass, C. F.	14.1	Thu	3:45 PM	400C
Matsuyama, R.	16.5	Fri	11:45 AM	400C
McCutchan, A. C.	10.2	Wed	10:45 AM	400C
McGowan, H. A.	10.4	Wed	11:15 AM	400C
McMurdie, L.	2.1	Mon	10:45 AM	400C
Mesa, T.	14.2	Thu	4:00 PM	400C
Minder, J. R.	3.3	Mon	2:00 PM	400C
Minder, J. R.	3	Tue	5:15 PM	400AB
Minder, J. R.	21	Thu	5:15 PM	400AB
Minder, J. R.	37	Thu	5:15 PM	400AB
Modjeski, G.	1.6	Mon	9:45 AM	400C
Munoz, R. C.	6	Tue	5:15 PM	400AB
Munoz, R. C.	11.6	Thu	9:30 AM	400C
Munoz, R. C.	33	Thu	5:15 PM	400AB

	Paper #	Day	Time	Location
N				
Nugent, A. D.	6.1	Tue	10:30 AM	400C
Nugent, A. D.	14	Tue	5:15 PM	400AB
O				
Ojrzynska, H.	36	Thu	5:15 PM	400AB
Omanovic, N.	5.6	Tue	9:30 AM	400C
Orr, A.	15.5	Fri	9:30 AM	400C
Osei Tutu Afrifa, F.	12	Tue	5:15 PM	400AB
P				
Paleri, S.	30	Thu	5:15 PM	400AB
Pardyjak, E. R.	1.1	Mon	8:30 AM	400C
Pletcher, M. D.	20	Thu	5:15 PM	400AB
Pletcher, M. D.	15.4	Fri	9:15 AM	400C
Priftis, G.	6.2	Tue	10:45 AM	400C
Pu, Z.	1.2	Mon	8:45 AM	400C
Q				
Quimbayo Duarte, J. A.	7.4	Tue	2:15 PM	400C
R				
Rasmussen, K. L.	6.4	Tue	11:15 AM	400C
Risanto, C. B. S. J	12.4	Thu	11:15 AM	400C
Robinson, J. K.	5	Tue	5:15 PM	400AB
Rowe, A.	6.3	Tue	11:00 AM	400C
Ruble, Z.	1.3	Mon	9:00 AM	400C
Rudisill, W.	4.6	Mon	5:00 PM	400C
Rutz, J. J.	7.1	Tue	1:30 PM	400C
S				
Sasaki, C. R. S.	2.5	Mon	11:45 AM	400C
Schlatter, P. T.	13.7	Thu	2:45 PM	400AB
Schmidli, J.	12.6	Thu	11:45 AM	400C
Schwat, E.	4.2	Mon	4:00 PM	400C
Sepehri, J.	10.3	Wed	11:00 AM	400C
Sepehri, J.	31	Thu	5:15 PM	400AB
Shin, Y.	25	Thu	5:15 PM	400AB
Shohan, S. M. S.	12.5	Thu	11:30 AM	400C
Siler, N. T.	9.5	Wed	9:15 AM	400C
Sobik, M.	9.6	Wed	9:30 AM	400C
Steenburgh, J.	7.6	Tue	2:45 PM	400C
Stell, M. H.	5.3	Tue	8:45 AM	400C
T				
Tessendorf, S. A.	9.1	Wed	8:15 AM	400C
Thomas, M. L.	24	Thu	5:15 PM	400AB
Thomas, M. L.	16.3	Fri	11:15 AM	400C
Tiwari, U.	15.6	Fri	9:45 AM	400C
W				
Wagenbrenner, N.	10.1	Wed	10:30 AM	400C
Wasserstein, M.	11	Tue	5:15 PM	400AB
Wasserstein, M. L.	15.3	Fri	9:00 AM	400C
Wessler, M. E.	15.2	Fri	8:45 AM	400C
White, L. D.	9	Tue	5:15 PM	400AB
W (Continued)				
White, L. D.	17	Thu	5:15 PM	400AB
Wiles, J. T.	3.1	Mon	1:30 PM	400C
Wirth, V.	16.1	Fri	10:45 AM	400C
Z				
Zhu, M.	19	Thu	5:15 PM	400AB

MOUNTAIN METEOROLOGY CONFERENCE SERIES

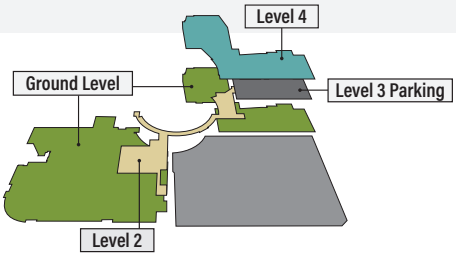
DATE	LOCATION	CONFERENCE
8–10 June 1976	Interlaken, Switzerland	(First) Joint Scientific Meeting on Mountain Meteorology and Biometeorology with Swiss Societies
9–12 November 1981	Steamboat Springs, CO	Second Conference on Mountain Meteorology
16–19 October 1984	Portland, OR	Third Conference on Mountain Meteorology
25–28 August 1987	Seattle, WA	Fourth Conference on Mountain Meteorology
25–29 June 1990	Boulder, CO	Fifth Conference on Mountain Meteorology
29 Sept.–2 Oct. 1992	Portland, OR	Sixth Conference on Mountain Meteorology
17–21 July 1995	Breckenridge, CO	Seventh Conference on Mountain Meteorology
3–7 August 1998	Flagstaff, AZ	Eighth Conference on Mountain Meteorology
7–11 August 2000	Aspen, CO	Ninth Conference on Mountain Meteorology
17–21 June 2002	Park City, UT	10th Conference on Mountain Meteorology
21–25 June 2004	Bartlett, NH	11th Conference on Mountain Meteorology
28 Aug. -1 Sept. 2006	Santa Fe, NM	12th Conference on Mountain Meteorology
11-15 August 2008	Whistler, BC, Canada	13th Conference on Mountain Meteorology
30 Aug. - 3 Sept. 2010	Olympic, CA	14th Conference on Mountain Meteorology
20–24 August 2012	Steamboat Springs, CO	15th Conference on Mountain Meteorology
17–22 August 2014	San Diego, CA	16th Conference on Mountain Meteorology
27 June–1 July 2016	Burlington, VT	17th Conference on Mountain Meteorology
25–29 June 2018	Sante Fe, NM	18th Conference on Mountain Meteorology
13–17 July 2020	Virtual	19th Conference on Mountain Meteorology
27 June –1 July 2022	Park City, UT & Online	20th Conference on Mountain Meteorology
21 – 26 July 2024	Boise, ID & Online	21st Conference on Mountain Meteorology

BOISE CENTRE FACILITY MAP

Boise Centre West and Boise Centre East are connected with a concourse to provide seamless access for guests.



Idaho Central Arena
- 17,000 sq. ft.
- 5,000 fixed seats
- VIP suites



Color Key

- Boise Centre West
- Boise Centre East
- Stairs, Escalators, Elevators
- Lobbies and Hallways

- 86,000 sq. ft.
- 31 Flexible meeting spaces
- Column-free meeting space
- Three Ballrooms
  - 100 Grand Ballroom / 24,426 sq. ft.
  - 400 Ballroom / 13,675 sq. ft.
  - 130 Junior Ballroom / 4,060 sq. ft.
- In-house catering, audio visual and technology services