

PROGRAM — 2024 Mountain Cartography Workshop

Updated: 28 February 2024

WEDNESDAY, 3 April

5:00 PM Dinner
7:30 PM Opening reception

THURSDAY, 4 April

Blue = 10-minute talk

Orange = 20-minute talk

7:00-9:15 Breakfast

9:15-10:30 **Morning Session I** *Moderator: TBA*

Dušan Petrovič Harmonization of the database of peaks in Slovenia

James Ford Semi-Automated Reclassification of New Zealand LiDAR: An Open-Source Workflow for Improved Elevation Grids

Mathias Gröbe New approaches in data collection for an Alpine Club map

10:30-11:00 Coffee break

11:00-12:00 **Morning Session II** *Moderator: TBA*

Joe Milbrath 3D Oblique Mapping of Mountains Above the Arctic Circle: Two Maps of Alaska's Remote National Parks

Alex Fries The Man-made "Mountains" of Eastern North America: The Platform Mounds of the Mississippian Culture

Karel Kriz Combining rock, scree and glacier depiction methods in topographic maps – the next step of an attempt to adopt an all in one approach

12:00-1:45 Lunch

1:45-3:00 **Afternoon Session I** *Moderator: TBA*

Nolan Mestres Faking reality for generating panorama maps

Madeline Grubb Making an Atlas of Teton Glaciers

Tom Patterson Mapping Prince William Sound, Alaska

Leland Brown Texture Shading Online

3:00-3:30 Coffee break

3:30-4:30	Afternoon Session II <i>Moderator: TBA</i>
	<p>Georg Gartner Learning from the cartographic methods of Alpine Club Maps for mapping mountains in a new era</p> <p>Brooke Marston Kashmir Valley Panorama</p> <p>Izabela Gołębiowska Traditional vs. multidirectional sky illumination: A relief inversion study</p>
5:00-7:00	Dinner
7:00	Avalanche Poster Talks (5 minutes each)
	<p>Alexandra Zalecki The Coal Mine Next Door</p> <p>Benjamin Cordola Presentation of Map of Almaty, Kazakhstan</p> <p>Farman Ali Earthquake-induced landslide risk assessment and disaster impact zone on JSR (Juglot Skardu Road) fault zone by using GIS and RS and COSSI-Corr Techniques</p> <p>Farman Ali Decadal Spatio-Temporal Changes in Glacier Volume Estimated Using Remotely Sensed Images, Digital Elevation Data, and GIS Modeling in District Nagar Northern Pakistan</p> <p>Peter Streufert Watching The Sky: Building Trails on Colorado's Tallest Mountains</p> <p>Tate Sutter Peaks and playas: presenting Nevada's landscape on the precipice of transition</p> <p>Coleman Bashore Mapping Wildfires in Complex Terrain: A 21st-Century Cartographic Learning Journey through Open Tutorials and Techniques</p>

FRIDAY, 5 April

7:00-9:00	Breakfast
9:00-5:00	Field research day
7:00	Mountain trivia

SATURDAY, 6 April

7:00-9:15	Breakfast
9:15-10:30	Morning Session I <i>Moderator: TBA</i>
	<p>Wolfgang Sulzer Darstellung eines Gebirgsraumes in historischen Karten (Niedere Tauern, Ostalpen)</p> <p>Nikos Tzelepis Multi-directional Analytical Hill-Shading for Enhanced Cartographic Relief Presentation</p>
10:30-11:00	Coffee break

11:00-12:00	Morning Session II	<i>Moderator: TBA</i>
	Zvonimir Nevistić	Geodesy and mountaineering: The importance of trigonometers, GIS and other methods for hikers
	Jim Meacham	Transitions in Cartographic Methods used in Mapping Archaeology and Landscape in the Mongolian Altai Mountains: 1994 to 2010
	Geoff Aitken	Progress in design
12:00-1:45	Lunch	
1:45-3:00	Afternoon Session I	<i>Moderator: TBA</i>
	Gabriela Ilies	Introducing the mountains to young students - challenges and opportunities
	Rafał Jońca	New mountain maps of AMG Maps
	Patrick Kennely	Designing a Web Mapping Application for Avalanche Forecasters
	Jürg Gilgen	Updating Alpine Terrain at the Swiss Federal Office of Topography
3:00-3:30	Coffee break	
3:30-4:30	Afternoon Session II	<i>Moderator: TBA</i>
	Shekhar Kumar	Exposure to Climatic Variability and Associated Hydro-Meteorological Hazards in Beas River Basin of Western Himalaya, India
	Ondrej Prohazka	Map Scale and Vertical Exaggeration in 3D Terrain Maps: A Mathematical Perspective
	Klemen Kozmus Trajkovski	Mapping a climber's path
4:30-5:15	CMC Business meeting	
5:15-7:00	Dinner	
7:00	Evening social	