PROCEEDINGS



A merging of theory and practice











Statens vegvesen

Proceedings of the International Snow Science Workshop 2024 Tromsø, Norway September 23 – 27, 2024



The International Snow Science Workshop (ISSW) attempts to include non-commercial submissions of interest to the snow science community, under the motto of merging theory and practice. The selection of contributions aims at challenging the snow science community to examine its actions or direction.

ISSW has a long-standing tradition in North America, where it has been held bi-annually since 1982. The ISSW 2024 in Tromsø is the 24th overall and fourth European ISSW, after Davos (Switzerland) in 2009, Grenoble (France) in 2013 and Innsbruck (Austria) in 2018.



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Welcome to Tromsø!

We're thrilled to welcome you to the northernmost ISSW ever, taking place at Clarion The Edge Hotel in Tromsø, Norway, September 23-27, 2024!

As the first ISSW held in an Arctic setting, we're diving into the unique challenges of risk management in a rapidly changing high-Arctic climate. This is also the first ISSW in Scandinavia, and we're excited to bring the motto, **"A Merging of Theory and Practice,"** to life by involving a diverse range of practitioners and spotlighting the complexities of managing risks in remote areas.

With about 600 participants from around the globe and many more joining us virtually, ISSW 2024 promises to be an unforgettable event! Our program features an impressive lineup of more than 300 oral and poster presentations, showcasing cutting-edge research and innovative practices. Alongside the traditional ISSW topics, we've curated special sessions focused on the unique challenges faced in Artic areas.

But it's not just about presentations. We've prepared a variety of hands-on workshops, field trips around stunning Tromsø, and a post-conference excursion to the breathtaking landscapes of Svalbard. On our public day, we're opening our doors to schools during daytime, inviting them to join us for a lively day of discussions on snow, avalanches, and climate change, while the evening brings international best practice to Tromsø in a public snow and avalanche evening at the Driv student house.

We hope you enjoy every moment of the conference — from the thought-provoking sessions and exciting workshops to the vibrant social events and the one-of-a-kind atmosphere of Tromsø.

The preparations and organization of the ISSW is supported by volunteers and supporting organisations to which we are most grateful, including Gyro Conference AS.

Welcome to an unforgettable week of science, collaboration, and Arctic adventure!



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