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ICSSG



CAAML



SnopViz



IACS



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International Classification for Seasonal Snow on the Ground

- First issued in **1954** : *The International Classification for Snow – with special reference to snow on the ground* under the auspices of the International Commission for Snow and Ice (ICSI)
- First revision **1990** : *International Classification of Seasonal Snow on the Ground (ICSSG)*
ICSI Working Group
- Second revision **2009** :
Working Group of the International Association of Cryospheric Sciences (IACS) with members from Canada, France, India, Japan, Russia, Switzerland, USA



International Classification for Seasonal Snow on the Ground 2009

- Basic characteristics and additional features of snow (including microstructure) as well as important measurements of the snow cover
- Grain shape classification, including complete photographic material
- Basic guidelines for snowpack observations
- Glossary and multilingual list of terms used in the text (en, fr, es, ru, de)
- Translated (partly or full) in Chinese, Russian, Italian, Persian, Norwegian

➤ www.cryosphericsciences.org/snowClassification.html



CAAML - International Avalanche Association Meeting

- CAAML provides a platform for the representation of international stakeholders in the field of avalanche safety operations.
- CAAML developments are decided by representatives from international stakeholders with a keen interest in the promotion of the electronic exchange of snow- and avalanche-related information.

➤ caaml.org



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SLF



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CAAML V5.0 Profile – IACS Snow Profile

- The CAAML V5.0 'IACS Snow Profile' aims to facilitate the exchange of snow profile information among practitioners and researchers
 - The standard defines the observation elements for snow profiles including their enumerations and value ranges based on ICSSG 2009
- caaml.org/Schemas/V5.0/Profiles/SnowProfileIACS

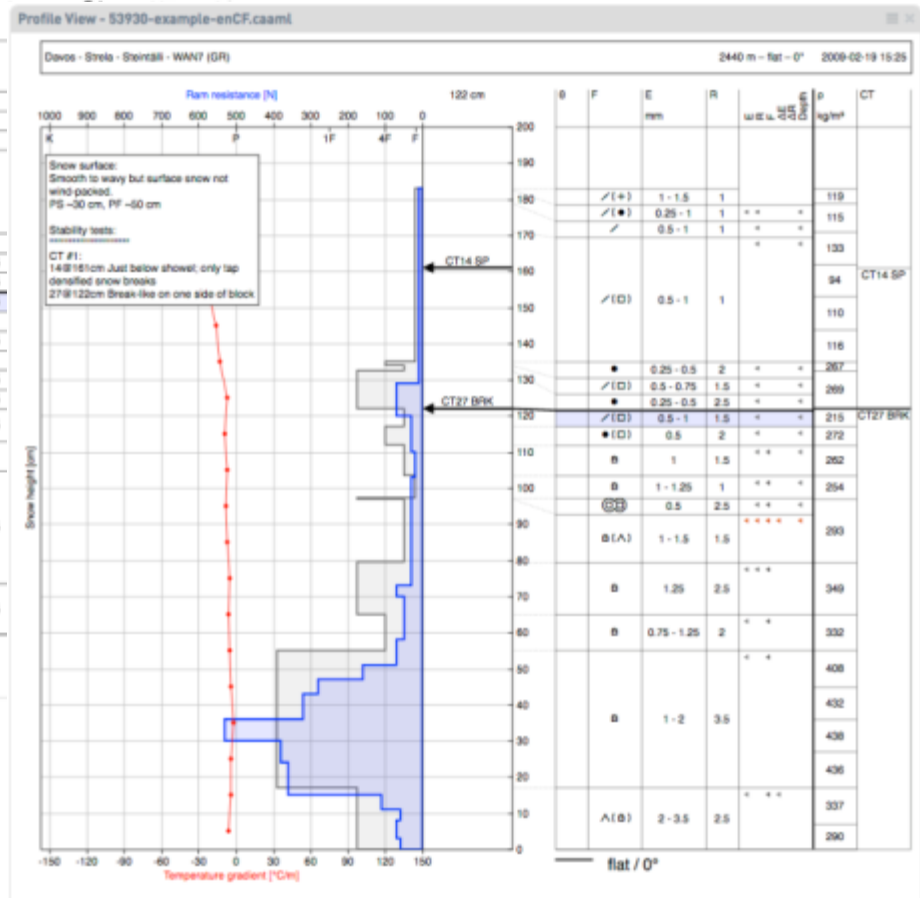
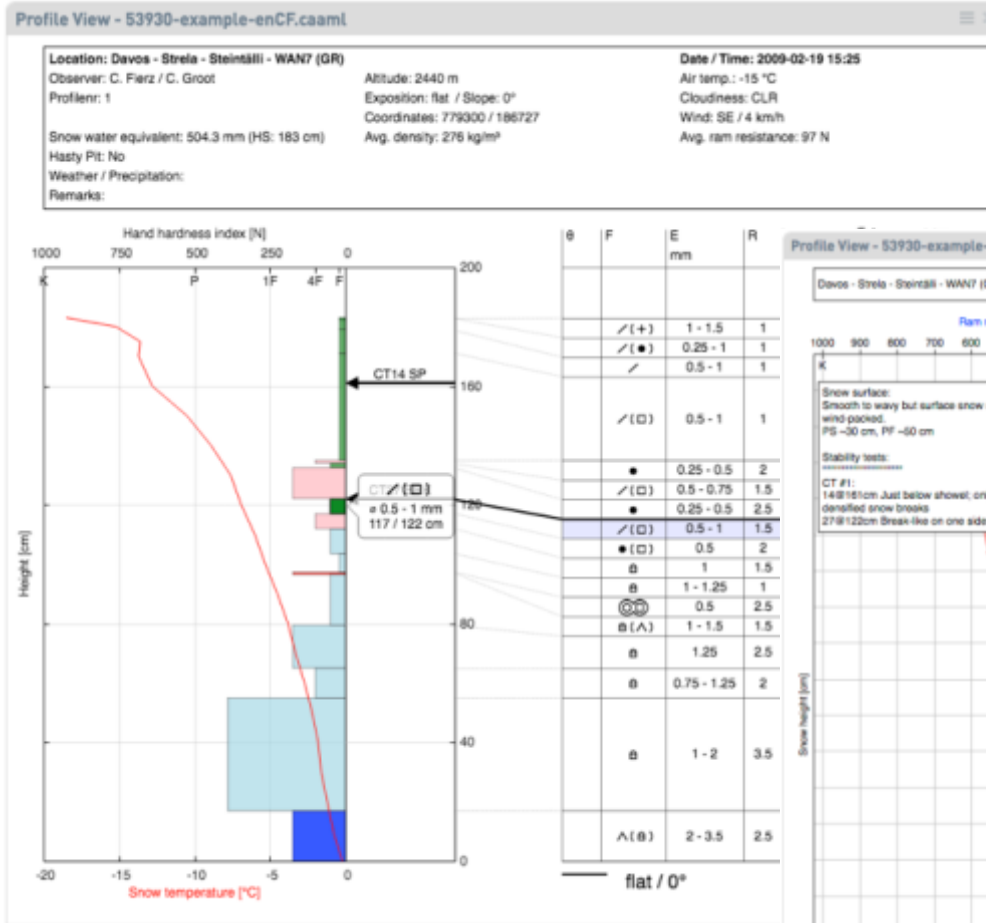


SnopViz – Snowpack Vizualier

- “SnopViz” is primarily a visualization tool for both observed snow profiles and simulation output of the snow-cover model SNOWPACK.
- The JavaScript application runs on any modern browser and does not require an active Internet connection.
- It renders files based on the [CAAML Snow Profile](#) format.
- The strength of this new visualization tool lies in its interactive features.
- Examples can be run from snopviz.org



SnopViz single profiles: rendering examples



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SnopViz timelines: modelled and observed

