



# CALL FOR PAPERS 9<sup>th</sup> WORKSHOP



## REMOTE SENSING OF LAND ICE AND SNOW

Bern, 03 - 05 February 2020

[www.earsel.org/SIG/Snow-Ice](http://www.earsel.org/SIG/Snow-Ice)

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<sup>b</sup>  
**UNIVERSITÄT  
BERN**

The European Association of  
Remote Sensing Laboratories

and the

Remote Sensing Research Group  
Institute of Geography  
University of Bern  
Switzerland

cordially invite you to attend the

**9<sup>th</sup> WORKSHOP OF  
EARSeL SPECIAL INTEREST  
GROUP**

*Remote Sensing of Land Ice and  
Snow*

### Remote Sensing of the Cryosphere: Monitor what is vanishing



**View from venue location to “Top of Europe”**

Eiger (3.970m), Mönch (4.107m) and Jungfrau (4.158m)

#### Schedule

July 11, 2019:	Call for papers
October 1, 2019:	Due date for abstracts
November 15, 2019:	Notification of abstract acceptance
December 15, 2019:	Preliminary program

#### Scientific Committee

Dr. Yves Bühler (WSL-SLF, Switzerland)  
Dr. Chris Derksen (Env.Clim.Change, Canada)  
Dr. Marie Dumont (Météo-France, France)  
Prof. Dr. Richard Kelly (University of Waterloo, Canada)  
Dr. Kari Luojus (FMI, Finland)  
Dr. Sari Metsämäki (SYKE, Finland)  
Dr. Thomas Nagler (ENVEO, Austria)  
Dr. Kathrin Naegeli (University of Bern, Switzerland)  
Dr. Patricia de Rosnay (ECMWF, Int)  
Dr. Lothar Schueller (EUMETSAT, Int)  
Dr. Julienne Stroeve (University of Manitoba, Canada)  
Dr. Alexander Trishchenko (Natural Resources, Canada)  
Dr. Anna-Maria Trofeier (ESA, Int)  
Dr. Stefan Wunderle (University of Bern, Switzerland)

#### Organizing team

Dr. Stefan Wunderle, University of Bern, Switzerland  
Dr. Kathrin Naegeli, University of Bern, Switzerland  
Céline Portenier, University of Bern, Switzerland  
Heide Bierbrauer, EARSeL secretary

## THE 9<sup>th</sup> WORKSHOP ON REMOTE SENSING OF LAND ICE AND SNOW

You are cordially invited to attend the 9<sup>th</sup> Workshop on Remote Sensing of Land Ice and Snow of the European Association of Remote Sensing Laboratories (EARSeL), which will be held at the Institute of Geography, University of Bern, Switzerland, from 03 - 05 February 2020.

The theme of the 2020 workshop is:

### Remote Sensing of the Cryosphere: Monitor what is vanishing

The cryosphere of the Earth is undergoing dramatic changes. Glaciers are retreating at accelerated rate and snow cover distribution and duration is changing with many significant side-effects (run-off, permafrost, albedo, etc.). Remote Sensing can provide the required data to study these changes of the cryosphere.

The announced workshop will focus on the latest developments in remote sensing of land ice and snow. Presentations are encouraged on all fields of research and applications with the focus on snow and ice as proxy for a changing cryosphere, methods for retrieving cryospheric parameters from various types of remote sensing data, theoretical basis of inversion methods and their application, state of the art of retrieval algorithms, data assimilation of remote sensing data and *in situ* observations in process models, current and planned sensors for snow and ice. Half of a day will be dedicated to the activities from ESA (CCI+) and EUMETSAT.

## CALL FOR PAPERS

Papers will be presented orally and as posters. For abstract submission please visit the EARSeL Conference Administration Tool (ConfTool; coming soon).

Preliminary session topics:

- Glaciers and Ice Caps
- Snow cover (regional to global scale)
- Snow hydrology
- Snow on sea ice and glaciers
- Albedo of the cryosphere
- Cryosphere and climate
- Cryospheric modelling and data assimilation
- New technologies (sensors/methods)
- ESA CCI+ snow
- EUMETSAT operational services

Abstracts should not exceed one page (A4)

## LANGUAGE

The presenting language will be English.

Early registration with reduced fees is mandatory for authors of oral and poster contributions (December 15, 2019). Otherwise contributions will be removed from the program.

## DEADLINES

Abstract submission until	1 October 2019
Authors notification and instructions	15 November 2019
Preliminary programme	15 December 2019

## REGISTRATION FEE

	Payment before 15 Dec 2019	Payment after 15 Dec 2019
<b>EARSeL Members</b>	<b>Euro 380</b>	<b>430</b>
<b>Non-members</b>	<b>Euro 470</b>	<b>560</b>
<b>EARSeL Young Scientists (&lt;32 years)</b>	<b>Euro 200</b>	<b>240</b>
<b>Non EARSeL Young Scientists (&lt;32 years)</b>	<b>Euro 250</b>	<b>300</b>

The fee includes a compilation of the abstracts, coffee breaks, Icebreaker Reception and Workshop Dinner. One-day tickets will be offered. Payment information will be available at ConfTool (coming soon).

## VENUE & ACCOMMODATION

Please refer to [www.earsel.org/SIG/Snow-Ice/workshop/venue.php](http://www.earsel.org/SIG/Snow-Ice/workshop/venue.php) for further details.

## SOCIAL EVENTS

Icebreaker reception on Monday evening.  
Workshop dinner on Tuesday evening.

Fun-Run: Early morning (7:00 AM) on Tuesday or Wednesday (weather depending). Start at the Institute of Geography – 5km along river Aare. Further details will be available on [www.earsel.org/SIG/Snow-Ice/workshops.php](http://www.earsel.org/SIG/Snow-Ice/workshops.php)