



## CALL FOR PAPERS 8<sup>th</sup> WORKSHOP



### REMOTE SENSING OF LAND ICE AND SNOW

Bern, 07 - 09 February 2017

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

<sup>b</sup>  
UNIVERSITÄT  
BERN

OESCHGER CENTRE  
CLIMATE CHANGE RESEARCH

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

8<sup>th</sup> WORKSHOP OF  
EARSeL SPECIAL INTEREST  
GROUP

*Remote Sensing of Land Ice and  
Snow*

### Remote Sensing of the Cryosphere: Past – Present – Future



**View from conference center to “Top of Europe”**

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

#### Schedule

July 26, 2016: Call for papers  
November 15, 2016: Due date for abstracts  
December 15, 2016: authors notified  
December 30, 2016: final program

#### Scientific Committee

Dr. Bojan Bojkov (EUMETSAT)  
Dr. Chris Derksen (Env.Clim.Change, Canada)  
Dr. Fabia Hüsler (University of Bern, Switzerland)  
Prof. Dr. Richard Kelly (University of Waterloo, Canada)  
Dr. Kari Luojus (FMI, Finland)  
Dr. Sari Metsämäki (SYKE, Finland)  
Dr. Thomas Nagler (ENVEO, Austria)  
Dr. Simon Pinnock (ESA)  
Dr. Julienne Stroeve (NSIDC, USA)  
Dr. Alexander Trishchenko (Natural Resources, Canada)  
Dr. Stefan Wunderle (University of Bern, Switzerland)

#### Organizing team

Dr. Stefan Wunderle, University of Bern, Switzerland  
Dr. Fabia Hüsler, University of Bern, Switzerland  
Céline Dizerens, University of Bern, Switzerland  
Heide Bierbrauer, EARSeL secretary

## THE 8<sup>th</sup> WORKSHOP ON REMOTE SENSING OF LAND ICE AND SNOW

You are cordially invited to attend the 8<sup>th</sup> Workshop on Remote Sensing of Land Ice and Snow of the European Association of Remote Sensing Laboratories (EARSeL), which is to be held at the Institute of Geography, University of Bern, Switzerland, from 07 - 09 February 2017.

The theme of the 2017 workshop is:

### Remote Sensing of the Cryosphere: Past – Present – Future

Significant parts of IPCC AR5-WG1-chapter04 (cryosphere) rely on publications, where satellite data are involved indicating the importance of remote sensing to monitor the status of cryospheric variables. 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 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, etc. Half of a day will be dedicated to the COST action ES1404 Harnosnow and future activities from ESA (CCI+).

## 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 albedo and climate
- Snow hydrology
- New technologies (sensors/methods)
- Snow modelling and data assimilation
- ESA: Sentinels, future missions and programs (CCI+)
- EUMETSAT operational services
- COST action ES1404 HarmoSnow

Abstracts should not exceed one page (A4)

## LANGUAGE

The working language will be English

Early registration with reduced fees is mandatory for authors of oral and poster contributions (January 15, 2017). Otherwise contributions will be removed from the program.

## DEADLINES

Abstracts received	15 November 2016
Authors notified and instruction	15 December 2016
Preliminary programme	end of December 2016

## REGISTRATION FEE

	Payment before 15 January 2017	Payment after 15 January 2017
EARSeL		
Members	Euro 360	430
Non-members	Euro 470	560
EARSeL student members	Euro 200	240
Non EARSeL Students	Euro 250	300

The fee includes a copy of the abstract book, coffee breaks, Icebreaker Reception and Workshop Dinner. Information on payments will be available at ConfTool (coming soon).

## VENUE & ACCOMODATION

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

## PUBLICATION

Workshop papers can be submitted to the peer reviewed open access journal **EARSeL eProceedings**. For further information please visit: <http://www.eproceedings.org>.