



# Glaciers: a transdisciplinary perspective on current issues

Workshop | 27 & 28 September 2023 | UNIL Site de Sion, room LORO

**Glaciers** are both tangible markers of the effects of climate change and natural archives of information about human societies. As such, they are widely used by the media and their symbolic significance goes beyond their physical characteristics. At the heart of complex socio-environmental systems, their current decline raises important questions and raises many **issues for society**, particularly in relation to **water resources, energy and tourism**. These multiple issues pose the question of the **relationship between the different disciplines** that deal with them and their relationship with the stakeholders involved.

In this context, the aim of these workshop is to bring together and discuss the **different disciplinary approaches** to glaciers, their dynamics and their influence on different aspects of society. The day of **27 September** will be devoted to an **interdisciplinary approach**, with contributions from a range of researchers from different disciplines with an interest in glaciers. September **28** will be dedicated to **transdisciplinary dialogue** between researchers and practitioners, with the aim of developing a shared vision of the challenges facing glaciers in the 21<sup>st</sup> century.

The event will take place **in person**, in French and English, from Wednesday 27 September at 13:00 to Thursday 28 September at 13:00. For more information, please contact [emmanuel.salim@unil.ch](mailto:emmanuel.salim@unil.ch).

*Informations and registration (required) : <https://www.unil.ch/igdl/journees-glaciers>.*



wednesday 27<sup>th</sup> september

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program

**13:00 | Emmanuel Salim**

Introduction

**13:15 | Marius Mayer**

Evolution of glacier ski resorts in the Alps - mixed approaches needed

**13:45 | Christophe Randin**

Plant diversity and emerging conflicts in novel ecosystems

**14:15 | Mauro Fischer**

Examples of inter- and transdisciplinary work as a glaciologist at local and global scales

**14:45 | *Coffee break***

**15:15 | Guillaume Juvet**

Let's travel in time by modelling glaciers

**15:45 | Alix Varnajot**

Glaciers and post-arctic tourism

**16:15 | Irene Bollati**

Glaciers, a dynamic part of our natural heritage: mapping and evaluation for promotion and protection

**16:45 | Romain Andermatten**

Glacial archaeology, the case of Valais: state of the art, participatory science and predictive temptations

**17:15 | *Joint refreshments***

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thursday 28<sup>th</sup> september

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**09:00 | Emmanuel Reynard and Emmanuel Salim**

Introduction

**09:30 | Serge Guntern & Bernhard Salzgeber - Introduction by Christophe Lambiel**

Glaciers and tourism, view from Mont-Fort

**10:00 | Marjorie Perroud**

Evolution of glaciers in Switzerland and their impact on hydroelectricity production

**10:30 | Roman Hapka**

Switzerland's glacier communities: 15 years later

**11:00 | *Coffee break***

**11:30 | Round table**

How to strengthen transdisciplinary research on glaciers?

**13:00 | Conclusion:** End of the workshop