

SWISS POLAR INSTITUTE



ETH zürich



Swiss scientific activities in the Arctic

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Swiss science in the Arctic

**SWISS POLAR
INSTITUTE**

A tradition...



... based on scientific excellence

... and linked with scientific activities and technologies developed in the Alps

Swiss science in the Arctic

But also a growing scientific multi-disciplinary community active in Canada, Russia and Greenland (notably)

- Glaciology - Univ Berne, WSL, Uni Zurich, ETHZ, EPFL, PSI, Uni. Fribourg
- Snow and firn – WSL, EPFL
- Terrestrial ecology – Uni. Zurich, Uni. Lausanne, Uni. Basel, EAWAG
- Geology – Univ. Fribourg, Uni. Zurich
- Atmosphere sciences and meteorology – ETHZ, EPFL, PSI
- Technologies (drones, robotics, space sciences, etc) – ETHZ, EPFL, Uni. Bern
- Oceanography – Uni. Bern, Uni. Basel, Uni. Geneva, EAWAG

A “decentralized” approach based on collaboration and the participations in multiple projects/networks, bilateral collaborations and new initiatives (e.g. MOSAiC)

Scientific activities in Greenland



Swiss Camp – base for the Greenland Climate Network (GC-net) since 1990

Numerous projects related to ice-core drilling but also meteorological/atm osphere data, ...



SPI in a nutshell

Launched in 2016, the SPI implements a portfolio of activities including:

New funding opportunities to access Polar regions:

- Polar Access Fund (field trips for young researchers); SPI Exploratory grants (logistics and seed funding); Maritime and field universities (students)
- E.g. **Polar Access Fund 2018**: Villum (Greenland), Equip Sermia (Greenland), Kytalyk (Siberia), MOSAiC, Buthan (Himalaya)
- Organisation of scientific expeditions

Engaging with the Swiss Polar community: Conferences and workshops/
Training (e.g. Health and Safety)

Communication and outreach: Collaboration with museums, schools, etc.

International partnerships: Bilateral and participation in multilateral fora

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