

# Workshop: Integrated long-term monitoring: snow and snow chemistry in high alpine catchments

Val Bavona, Switzerland

12-16 JUNE 2017

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A European network for a harmonised monitoring of snow for the benefit of climate change scenarios, hydrology and numerical weather prediction

ESSEM COST Action ES1404

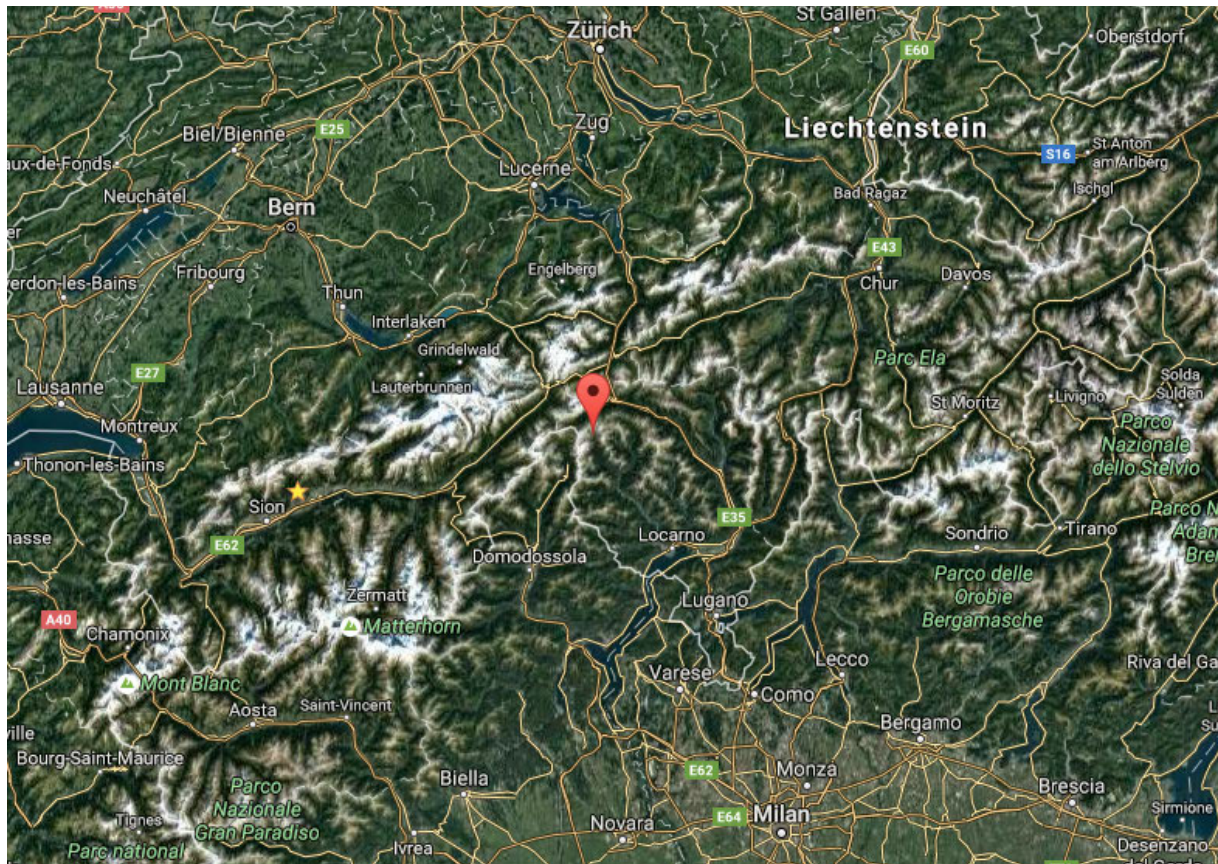


# Objectives

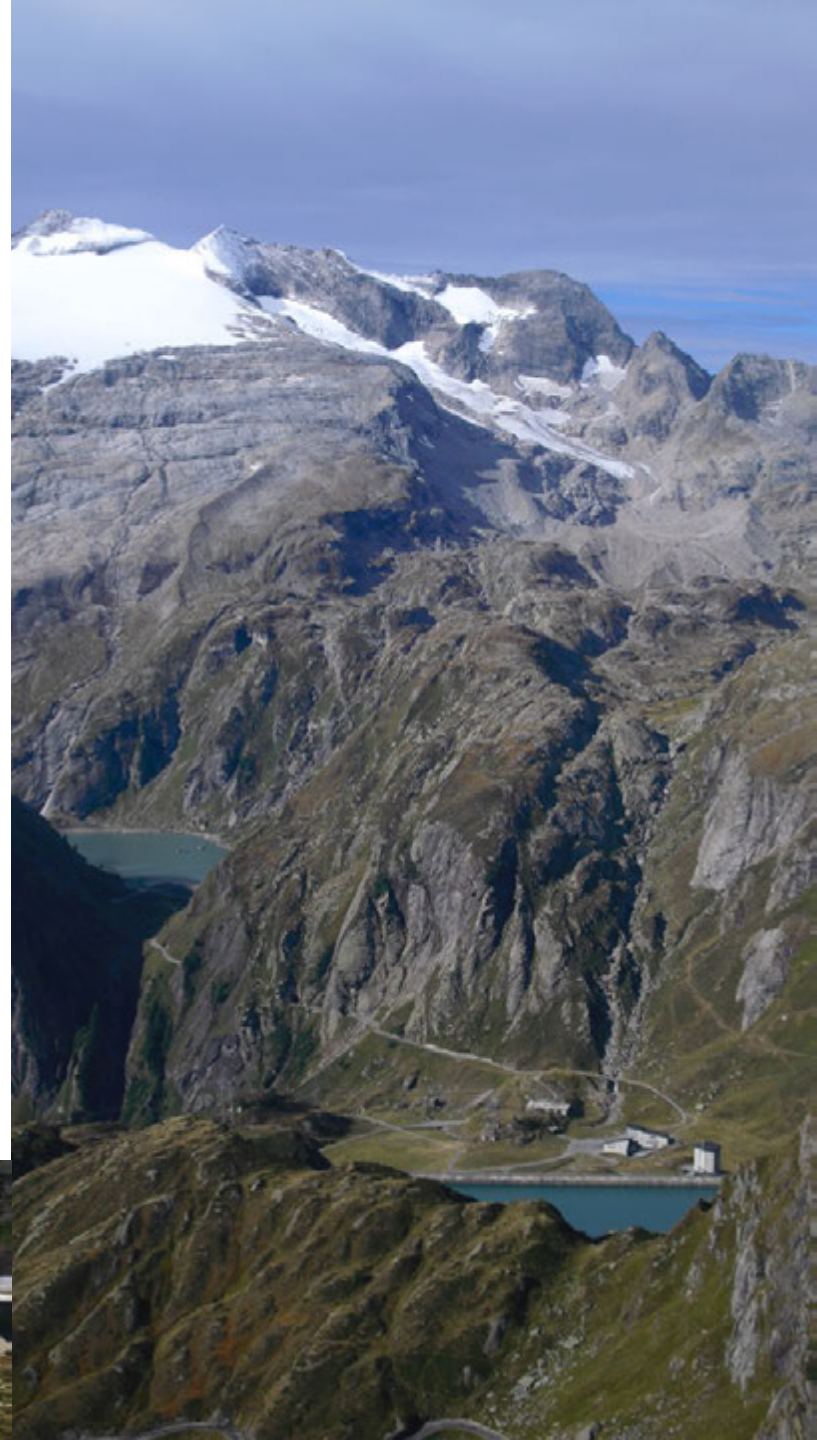
- What are the specific difficulties monitoring snow parameters (snow depth, snow density, snow water equivalent, precipitation, snow chemistry, etc.) at high alpine sites?
- What are specific requirements for questions related to snow hydrology.
- How will harmonized measurement procedures benefit other ecological and environmental monitoring programs at similar sites?
- Are procedures to collect samples for snow chemistry adequately standardized
- Snow data exchange and availability across the Alps?
- Remote sensing in alpine areas

# Location

- high mountain site, characteristic for southern slope of the Alps
- ideal to experience the challenges of snow measurement and prediction in high alpine sites
- about 3 hours from Milano Malpensa by public transport
- about 4 hours from Zurich Airport by public transport



# Impressions



# Budget

**Expected number of participants: 30 to 40 (all to be reimbursed)**

**Approximate budget for 5 workshop days (in EUR):**

Local organisers costs: 4 000

Accommodation:

~EUR 100/night/participant (with meals) 20000

Travel (40x400) 16000

**TOTAL: 40 000**

*Note: additional funding can be sought from Swiss funding agencies*