ExSat7: Grimsel – Aletsch: Alpine hydrology, water resources and adaptation under climate change
Saturday 26 August 2017, 08.30 – 19.30 h.
Guides: Prof. Dr. Rolf Weingartner and Dr. Ole Rössler, University of Bern

We start this excursion with a tour of the Grimsel and Aletsch areas, a high alpine world of glaciers and water and home of the Jungfrau-Aletsch-Bietschhorn UNESCO World heritage site. We continue through the Valais, a dry inner alpine valley, and return through the historic Lötschberg tunnel. Topics of the excursion include different aspects of alpine hydrology under climate change, natural and managed discharge, the importance of snow and ice, water reservoirs and hydropower production. Impacts of climate change on the cryosphere and water resources will be discussed, as will possible adaptation strategies.

Itinerary
We depart from Interlaken in small buses and ride through the beautiful U-shaped Hasli valley up to Grimsel Pass, over to Obergoms and then to Mörel. In Mörel, we take the cable car to Bettmeralp-Moosfluh to enjoy a spectacular view of the Great Aletsch Glacier, the largest glacier in the Alps. From Mörel, we continue the bus ride to Brig, Visp and the Lötschen Valley. We return to Interlaken via the Lötschberg tunnel and Spiez.

Equipment, food and drinks
Bring warm clothes, rain gear, sunglasses and sun protection. Grimsel Pass is at 2180 masl, so it might be fresh and windy outside. Short walks during the bus stops. Lunch: a lunch bag (sandwich, chocolate and fruit, 1 L water) will be provided.

Maximum number of Participants
45; minimum 30

Costs
The registration fee covers transportation (bus and cable car) and a lunch bag.
Price: 100 CHF

Disclaimer
Health insurance and insurance against accidents is fully within the responsibility of the participants.
The program may be subject to small changes.