



University
of Zurich

Department of Geography - GEO 399 & GEO 599



Geo-Ecology and Hydro-Geology in High Mountain Environments

**A 3-day field trip to geobiologically and geohydrochemically interesting
aquatic ecosystems in the Eastern Swiss Alps**

**for participants of the Geography Bachelor and Master programs at the
University of Zürich and guests**

Thursday, September 9 to Saturday, September 11, 2010

Guided by

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Locations	Day 1: Scuol-Tarasp - Ftan - Fuschna - Nairs – Rablönch. Day 2: Davos Dorf - Jöri Lakes. Day 3: Weissfluhjoch – Totalpsee - Strela Pass - Schatzalp - Davos Dorf
Topics	Alpine water resources, geology of the Lower Engadin Window, low temperature geochemistry in mineral springs, evolution of mountain lakes, modern and ancient nutrient fertilization and cycling in high altitude aquatic ecosystems, hydrologic changes in glacial retreat areas of the Jöri lake catchment, weathering and erosion patterns in carbonate and serpentine contact zones, past and present mineral water wellness tourism, (protection measures against land slides and avalanches). Details on OLAT: https://www.olat.uzh.ch:443/olat/auth/repo/go?rid=1963425807&par=79023863586273
Accommodation	Youthpalace, Davos Dorf, 2 nights, breakfast and dinner included
Meeting points	Thursday, Sept. 09, 10.16: Scuol Tarasp, RhB railroad station Friday, Sept. 10, departure by bus at 07.55 from Davos-Dorf, RhB station Saturday, Sept. 11, 08.20, meet at Parsenn cable car
Costs	CHF 155; included are accommodations for 2 nights, 2 breakfasts, 2 dinners, local transports: Klosters - Davos - Schatzalp - Parsenn. Field trip preparations. Not included: back pack lunches, travel to Scuol and back, local bus trips.
Fitness	Walking on rough mountainous terrain and work in the field for 7-9 hrs/day
Clothing	Good mountain walking boots, layers of cloths for warm, sunny as well as for rainy, cold weather
Insurance	Is the responsibility of each participant, incl. REGA
Enrolment	via OLAT GEO 399/GEO 599/ - Exkursionen / Learning Resource: Geo-Ecology UZH 2010
Preparation	For date and time of pre-excursion meeting see Doodle in course description on OLAT Link to APLECOLe slides via OLAT „Geo-Ecology UZH 2010”
Credits	ECTS credit points according to institutional practice, includes preparation, field work and reporting (60 hrs)
Participants	25. Participants of the course GEO706 / 2009 have enrolment priority
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