



News

Joint project "Hydropower and geo-energy"

Prof. Domenico Giardini

Events

Presentation by P. Molnar, subproject "Optimizing environmental flow releases under future HP operation" on "Monitoring water stress and flood impacts on riparian vegetation in an Alpine river by terrestrial photography", IUGG-IAHS 2015, Prague, June 24, 2015, www.iugg2015prague.com.

Poster presentation by P. Chanut on research topic on sediment dynamics and ecology, SEFS Annual Meeting, Geneva, July, 6 – 10, 2015.

In a two days' workshop the whole risk team of SCCER and NRP 70 along with the Swiss Seismological Service discussed the different project and tasks. Thanks to such an event researcher know the people working in the field and can easily communicate to each other.

Ian Delaney, subproject "Potential for future hydropower plants in Switzerland: a systematic analysis in the periglacial environment (PHP)" will present his research results at American Geophysical Union (AGU) in December 2015

The Risk team of the SCCER and NRP 70 along with the Swiss Seismological Service have supported both the canton of Jura as well as company GeoEnergie Suisse in the assessment of the seismic risk related to a future deep geothermal energy project in Haute-Sorne. The company was granted a permit for the project in June 2015, more information at: www.geo-energie.ch/de/projekte/hautesorne.php

Collaboration

- There are partnerships with ALPIQ, En Alpin AG and the Federal Office for the Environment (BAFU). These organizations have been permitted to install instrumentation on their infrastructure. Additionally, the research team hopes that the results can be of great use to these organizations.
- The field work will be conducted at the following reservoirs:
 - Lac de Mauvoisin: in cooperation with Forces Motrices Mauvoisin SA (Axp0);
 - Gebidem reservoir: in cooperation with Electra-Massa AG (Alpiq);
 - Griessee: in cooperation with Forces Motrices Valaisannes FMV SA
- Measuring techniques in cooperation with Hydro EXPLOITATION SA
- ADCP measurements in cooperation with School of Life Sciences and Facility Management