

OCCR Flash – News from the Oeschger Centre

The Oeschger Centre wants to bring scientific information where the people need it. Be it insurance companies that need to know about hail climatology, farmers who worry about the availability of water in the Swiss climate of the future or tourists in the Jungfrau area who want to learn about the effects of climate change in an Alpine region.

Huge interest in hail research

More than 100 researchers and representatives from insurance, business and agriculture attended the 1st European Hail Workshop on 25–27 June, 2014 at the University of Bern. The conference was organized by the *Mobilier Lab for climate risks and natural hazards*, a research institution created by the OCCR and Swiss Mobiliar insurance company in 2013. The huge interest from scientists and practitioners clearly showed the strong need for research on hail. Details of the conference can be found on www.mobiliarlab.unibe.ch/veranstaltungen/hagel

The OCCR is part of the University of Bern's Science Night

On 6 September 2014, the University of Bern is organizing its second *Science Night*. The first edition of this science festival was attended by more than 7000 visitors in 2011. The Oeschger Centre will be part of this major outreach event. Activities include an exhibition on 50 years of polar expedition including the University of Bern, a hands-on demonstration of the work with marine sediments and a show on MICADAS, the state of the art radiocarbon dating facilities recently installed at the OCCR. www.nachtderforschung.unibe.ch

CH2014-Impacts for practitioners

Results from the report *CH2014-Impacts – Toward Quantitative Scenarios of Climate Change Impacts in Switzerland* that was initiated and coordinated by the OCCR were extensively quoted by Swiss international media after it was launched in March. The report produced quantitative impact projections from diverse fields, including climate indices, the cryosphere, hydrology, biodiversity, forests, agriculture, energy and health. Now, the OCCR wants to make these results accessible to practitioners in these fields. The project is called *CH2014 für die Praxis*, it should produce a series of fact sheets that give an easy to read overview over the most relevant findings. *CH2014-Impacts* can be downloaded from www.ch2014-impacts.ch or a free printed copy can be ordered by sending a message to ch2014@oeschger.unibe.ch.

Jungfrau Climate Guide re-launched

In 2009, the OCCR has developed the so-called Jungfrau Climate Guide, a comprehensive outreach project that was realized on the occasion of the 175th birthday of the University of Bern. The aim of this innovative project was to provide facts and research results on the spot in the Jungfrau area, where the effects of climate change can clearly be seen. For this purpose, an early form of an application for iPhones was developed. Now, we have re-launched the *Climate Guide 2.0* as an (almost) free app. www.jungfrau-klimaguide.ch



Learn about climate change on the spot and follow one of the seven climate paths in the Jungfrau area. All you have to do is download the Jungfrau Climate Guide app.

Bicentenary of the great Tambora eruption

Two hundred years after the eruption of the Tambora volcano in April 1815, an event that changed global climate, the OCCR organizes the international conference 'Volcanoes, Climate, and Society'. It takes place from 7–11 April 2015 at the University of Bern. The conference will revisit the event from different scientific perspectives and it will explore how our ancestors managed the crisis that followed the eruption. Questions to be discussed include: What is the state of knowledge on the 1815 eruption and its aftermath? And: What have science and society learned from the event? www.oeschger.unibe.ch > events > conferences

For an overview of OCCR activities and events see www.oeschger.unibe.ch

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