

## Close Range Sensing of Mountain Areas

Forty young scientists from 15 countries climbed steep mountain slopes with the aim of surveying, mapping and monitoring Alpine mountain features with a selection of close range sensors. The Innsbruck Summer School of Alpine Research took place in July 2015 in the Austrian Central Alps (Oberurgl, Ötztal). The week was co-organised by the ISPRS WG V/3, WG III/2 and the University of Innsbruck, Institute of Geography.

The students got hand-on experience with a variety of sensors such as terrestrial and backpack laser scanners, thermography and optical cameras in visible range. In small study groups the participants worked on assignments considering bathymetric measurements, active landslides, permafrost features, retreating glaciers and vegetation patterns guided by experienced supervisors.

Parallel to the assignments a series of lectures gave fundamental insights into sensors and data processing methods as well as domain knowledge about natural mountain research related to environmental mapping, climate change and natural hazard management.

<http://www.uibk.ac.at/geographie/summerschool/>





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