The DYNAFLUX / DYNACOLD (Dynamics, Fluxes, Stability, Succession and Landscape Formation in Cold Environments) Network (2004-2017)

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There is a wide range of high-latitude and high-altitude cold climate landscapes within Europe, covering a significant proportion of the total land surface area. This spectrum of defined cold-climate landscapes represents a variety of stages of deglaciation history and landscape formation. We can find landscapes at different levels of postglacial stabilization which is providing the unique opportunity to study the interactions between geo-, bio-, social and socio-economic systems at the land surface.

The DYNAFLUX / DYNACOLD Network (2004-2017) bridges across the geo-, bio-, social and socio-economic sciences in order to analyze the complex dynamics of adjustment, stabilization, succession and landscape formation during and after ice retreat and under ongoing anthropogenic influences. The network provides a multidisciplinary forum where researchers come together and discuss. In addition, this network is linking a number of other scientific networks, working groups and programs and creates an umbrella network and a forum for sharing knowledge and experience.

The scientific focus of DYNAFLUX / DYNACOLD is also relevant for a number of end users, including risk and vulnerability assessment, sustainable land use, land management and conservation. In addition, present key questions related to environmental change like, e.g., hazards, permafrost degradation and loss of biodiversity are addressed and discussed. Further information is found under http://www.ngu.no/sediflux.