



## **The DYNAFLUX / DYNACOLD Network: Dynamics, Fluxes, Stability, Succession and Landscape Formation in Cold Climate Environments**

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There is a wide range of high-latitude and high-altitude cold climate landscapes in 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 opportunity to study the interactions between geo-, bio-, social and socio-economic systems at the land surface. The DYNAFLUX / DYNACOLD Network (2004-) bridges across the geo-, bio-, social and socio-economic sciences in order to analyze the complex dynamics of stabilization, succession and landscape formation during and after ice retreat and under ongoing human influences. The network provides a multidisciplinary forum where researchers come together. In addition, it is linking a number of networks, working groups and programs and creates an umbrella network and a forum for sharing knowledge. The scientific focus of this network is also relevant for different end users, including risk and vulnerability assessment, sustainable land use, land management and conservation. In addition, key questions related to Global Change like, e.g., hazards, permafrost degradation and loss of biodiversity are discussed.