



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

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Within Europe there is a wide array of high-latitude and high-altitude landscapes, covering a significant proportion of the total land area. These defined cold climate landscapes represent a variety of stages of deglaciation history and landscape formation. We find landscapes at different levels of postglacial stabilization, 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 - ) bridges across the geo-, bio-, social and socio-economic sciences in order to investigate the complex dynamics of stabilization, succession and landscape formation during and after ice retreat and under human impact. The Network provides a multidisciplinary forum where research groups come together. It is linking and integrating a number of networks and programs and creates an umbrella program and a forum for sharing knowledge.

The focus of this network is relevant for different end users, including risk and vulnerability assessment, sustainable land use, land management and conservation. Also questions closely related to Global Change like, e.g., hazards, permafrost degradation, loss of biodiversity are addressed.