



## **Development of flood risk in mountain catchments and related perception**

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The RISKCATCH project aims to deliver new, practical and viable solutions for an integrated risk-assessment-based management of natural hazards in Alpine environments and related forelands.

A special focus is on the interaction of technical and non-technical measures during recent flood events in catchment areas. Comparing the status quo and historical development of risk and forecasting possible future developments based on scenarios, necessary action will be derived and efficiency of non-technical measures of flood defence will be evaluated.

Based on the assessment of historical and possible future development of hazard, values at risk and vulnerability, non-technical measures will be evaluated from an economic and technical point of view using scenario technique, cost-benefit analysis and cost comparison method. With respect to different scenarios of the temporal development of risk, maps will be generated and assessed with respect to its perception, using the method of graphic semiology.