

CLISP - Climate Change Adaptation by Spatial Planning in the Alpine Space

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Climate change will affect spatial development, including land use, socio-economic activities and lifesustaining ecosystem services, in the Alpine Space more severely than in other European regions. Doing nothing will increase vulnerability of Alpine regions and municipalities, and therewith damages and costs. Spatial planning has major steering capacity in accomplishing adaptation, containing vulnerability and increasing resilience.

CLISP aims at preventing, reducing and mitigating climate-change related spatial conflicts, vulnerability of spatial development and spatial structures to adverse climate change impacts, and consequential damages and costs. As climate change adaptation, including an integrated approach to adaptation and mitigation issues, is still a novel field for spatial planning policy and administration, CLISP is to be regarded as a strategic pilot project. The project intends to contribute to sustainable, climate-proof spatial planning and territorial development in the Alpine Space. In the presentation, a transferable framework for regional vulnerability assessment will be presented and selected results from assessing key vulnerabilities of spatial development in model regions will be highlighted. Based on an evaluation of the adaptation capacities of spatial planning systems, the potentials and constraints of existing spatial planning instruments in coping with adverse climate change impacts will be identified, and resulting challenges for climate-proof planning will be discussed with participants