

Submitted Abstract

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Abstract

Drought impacts in the Greater Alpine region are as diverse as the region's landscape. A rising number of impact reports confirms an increasing exposure to drought over time. The ADO project assembled information when and how the region was impacted during past drought events. The impacts tend to peak during summer or autumn time, depending on whether they relate to meteorological and soil moisture drought or - with some delay - to hydrological drought. A tool for economic impact assessment created in the project provides a template for future quantification of economic impacts. A vulnerability assessment and mapping exercise for the most impacted sector, agriculture, promises upscaling potential from exemplary case study areas to the greater Alpine region. The experiences made with the assessments suggest that quantitative and qualitative information on the multiple risks of drought in the region will allow to anticipate future impacts and support drought management and planning