

## **DEFORMATION MEASUREMENTS OF LANDSLIDES IN SWABIAN ALB - RESEARCH PROJEKT INTERRISK -**

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**Abstract:** Gravitational mass movements (falling rocks, slope landslips, etc.) are natural processes, which have contributed decisive for the origin of the present Swabian Alb and contribute still today. Some new buildings are already damaged. In connection with the research project InterRisk among other things these movements should be investigated precisely with natural scientific methods, to get information about the present stability, the landslide kinetics and the different causal factors of the movements. For this purpose the Department of Geography and the Geodetic Institute of the University of Bonn together carry out punctual and local limited measurements in the area of Mössingen-Öschingen with miscellaneous sensor systems (Inclinometers, EDM measurements, etc.) in different soil horizons of the slope section. The measured data will be input data for the natural hazard model and the risk analysis. In this publication the results of a 2 year research period will be presented.