

## **Management of geological hazards in Bavaria**

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In the past the Bavarian Geological Survey was involved as a consultant only after a geohazard event had happened. Such an emergency intervention is still one part of the responsibilities. Today especially precaution against natural hazards is a vital element of geohazard management.

As the most essential measure of precaution geohazard maps have been compiled for the entire Bavarian Alps. In other sensible parts of the country mapping is still under way. A LIDAR-based high resolution DTM serves as a basis as well as a 3-D rockfall-model. The fully digital maps indicate hazards by all kind of landslides and by ground subsidence. They are online available and create a great public interest. Hazard indications made in these maps must be respected in town planning. In case of already existing buildings or infrastructure in areas declared to be endangered the specific situation will be discussed with the responsible persons. This proceeding open for dialogue and discussion showed to be very worthy for both sides. The awareness and the acceptance on the user side have improved remarkably and the flow of information to the Geological Survey has grown. The effort is high but the result is worthy and is also highly appreciated.