

## EINLADUNG ZUM GASTVORTRAG

im Rahmen des Kolloquiums aus Geographie und Regionalforschung

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# CHALLENGES IN LANDSLIDE HAZARD AND RISK ASSESSMENT

Determining landslide hazards and the associated risk requires information on where and when landslides will occur, and how destructive they will be. In the past decades, substantial progresses were made on determining where landslides are expected. We are less capable of predicting when landslides occur, and the types of damage they cause. Also, the effects of climate and environmental changes on the location, density, type, frequency, and damage caused by landslides remain largely undetermined. Innovative ideas and new tools are required to solve these challenging problems of scientific and social interest.

Fausto Guzzetti is the Director (deputy) of the Research Institute on Geo-Hydrological Hazards, of the Italian National Research Council, and the Principal Investigator of the EU project DORIS. His wide ranging interests include natural hazards and geomorphology, GIS and statistical modeling, historical information for risk assessment, and dissemination of information on natural hazards. A former President of the division of Natural Hazards of the European Geoscience Union (EGU), he is the chief-editor of the EGU journal Natural Hazards and Earth System Sciences (NHES).

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