Large scale disasters, such as earthquakes, volcanic eruptions, tropical cyclones, and forest fires have a large impact on the human and natural environment. They may changing the landscape, landforms, active processes, and vegetation in such a manner that new types of hazards may occur in locations where they did not happen before, or the frequency and intensity of existing hazards might increase substantially. This presentation focuses on tools for measuring these changes, and on modelling approaches to assess the changes in multi-hazards, with examples from different parts of the world.

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