



THE AEG INSIDER

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Call for papers for Special Session: A4. Climate and land use change impacts on landslides

Session conveners: Vít VILÍMEK (Czech Republic), Wolfgang EDER (Germany), Jerome V. DeGRAFF (USA), Srikantha HERATH (UNU/Sri Lanka), and Mike WINTER (UK).

Session Description:

Climate and land use changes can significantly affect slope instability and landslide evolution, both positively and negatively, and alter the magnitude and/or frequency of such events. The impacts of climate and land use changes may be especially significant in sensitive mountain environments.

We encourage session contributions which examine the impact of these changes on landslide triggers (e.g. rainfall, flood, freeze-thaw), landslide frequency and magnitude, and the associated changes to geographical and temporal patterns of landslide hazard and risk. In terms of the timescales over which climate change, in particular, are viewed it is recognized that demographic change, including factors such as changing population distributions and travel patterns, are an important consideration in the evolution of patterns of risk.

It is expected that a variety of landslides within different climatic zones and geomorphological settings will be examined during the session. Improved understanding of climate and land use change on triggering factors, and hazard and risk distribution should increase the possibilities for risk management and mitigation.

We recommend this World Landslide Forum session as an excellent opportunity to share lessons learned by participants from around the world. Selected contributions will be published under the name of the session in a special book published by Springer.

For more information about the World Landslide Forum III:

http://iplhq.org/icl/wp-content/uploads/2013/01/Second_Circular-WLF3.pdf