

EINLADUNG ZUM ONLINE-VORTRAG
am **DIENSTAG, 26. APRIL 2022, 16:45 UHR**

Prof.
Markus STOFFEL

Institute for Environmental Services,
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READING BETWEEN THE LINES - STORIES OF CLIMATE CHANGE AND RE- LATED RISKS AS WRITTEN IN TREE RINGS

Tree rings are often used to reconstruct past climate or to put anthropogenic warming into context. In addition to climatic information, tree rings also contain information on past mass movements, such as rockfall, debris flows or snow avalanches. When analyzed across slopes, tree rings can yield valuable insights into changes hazard frequency and magnitude, but also on natural risks. In this presentation, I will show how the information contained in trees can be used to reconstruct past process activities and how this data can enhance process understanding, but also inform hazard and risk management.

Prof. Markus Stoffel is the head Climate Change Impacts and Risks in the Anthropocene (C-CIA) at the Institute for Environmental Sciences, University of Geneva, and the director of the Swiss Tree-Ring Lab (www.dendro-lab.ch). His research interests are in hydrogeomorphic and earth-surface processes in high-mountain environments across all the globe. He is an editor-in-chief of *Geomorphology* and a (co-)author of 8 textbooks dedicated to hillslope geomorphology, the cryosphere and tree-ring research.

Organisiert von
Arbeitsgruppe *Geomorphologische Systeme und Risikoforschung*
Institut für Geographie und Regionalforschung
Universität Wien

Zoom-Meeting beitreten

<https://univienne.zoom.us/j/66371123365?pwd=czFabFhlazJRdWk0ekNuWVFLcDVaQT09>

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