

## Invitation to virtual DK Guest Lecture

# Hail and climate change

**Prof. Dr. Olivia Romppainen-Martius**

Institute of Geography, University of Bern

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**Individual viewing of slides, online discussion 11:15 to 12:00 (\*)**

### Abstract

Hail is one of the key driver of insured losses in central Europe and repeatedly causes substantial damages to agricultural production (crops, orchards, vineyards). The pre-Alpine region is one of the hail frequency hot-spots of Europe and experiences hail on a regular basis. The presentation first introduces different observational methods that provide information on hail occurrence and hail stone sizes. I then cover the meteorological conditions that lead to the formation of hail storms and the meteorological processes taking place in a hail storm. Based on this information future changes of hail storm frequency and hail stone size distributions are discussed.

(\*) Slides with audio and link for videoconference (discussion) will be provided closer to the date.