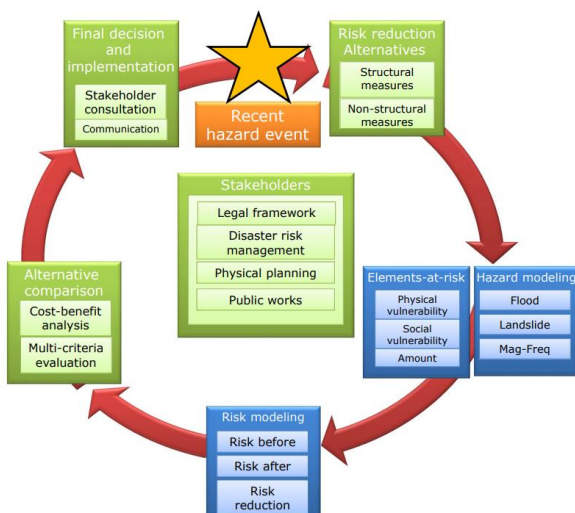


# Analysing Changing Multi-Hazard Risk for Decision Making in Disaster Risk Reduction

The aim of the research is to develop appropriate tools and techniques to **quantify the impact of disaster events on the natural and built-environment, in a changing multi-hazard context**. Long term changes related to slow processes that affect both the multi-hazards (e.g. climate change), the exposure, and vulnerability (e.g. economic changes, population changes) may affect the risk and resilience. Also **short term changes** induced by disaster events cause abrupt changes in hazard interactions and hazard intensities, as well as in exposure and vulnerability during the recovery process. The **research focuses on how these changes will affect the temporal and spatial patterns of hydro-meteorological hazards and associated risks**, how these changes can be assessed, modelled and how these can be incorporated in sustainable post-disaster reconstruction planning.



**Thursday, February 7, 2019**

University of Bern,  
Institute of Geography  
Hallerstrasse 12,  
Room 001  
**17:30 – 18:45**  
with following Apéro



## Dr. Cees van Westen

is Associate Professor Natural Hazards and Risk Assessment at the Earth System Analysis Group at the faculty of Geo-information Science and Earth Observation (ITC), Twente University, the Netherlands. He obtained his PhD from the University of Delft in 1993. He has carried out research on different hazard and risk related aspects: landslide hazard and risk, volcanic hazard and risk assessment and technological risk assessment. His current research interest is to develop methods for the analysis of changing multi-hazard risk.