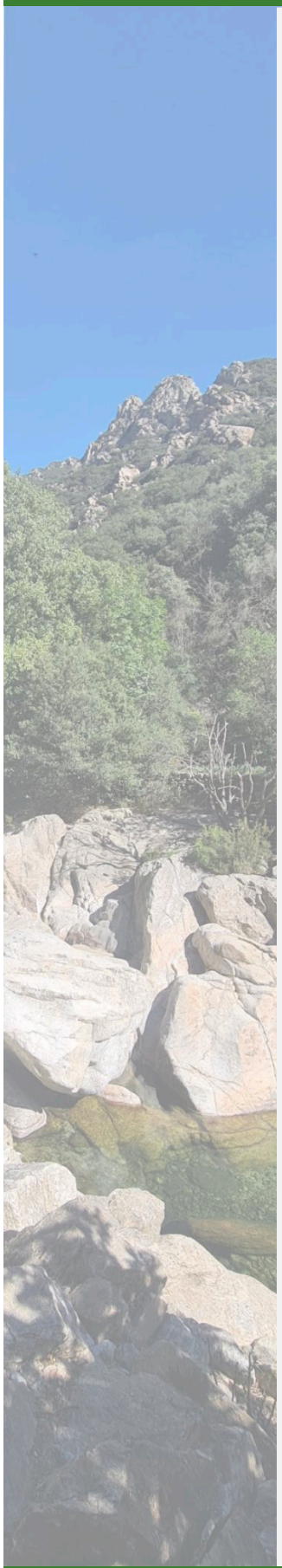
Institut für GEOWISSENSCHAFTEN und GEOGRAPHIE
Martin-Luther-Universität Halle-Wittenberg

MARTIN-LUTHER-UNIVERSITÄT
HALLE-WITTENBERG

Geowissenschaftliche Kolloquien WiSe 2026/2027

Montag 16.11.2026 16.15 Uhr

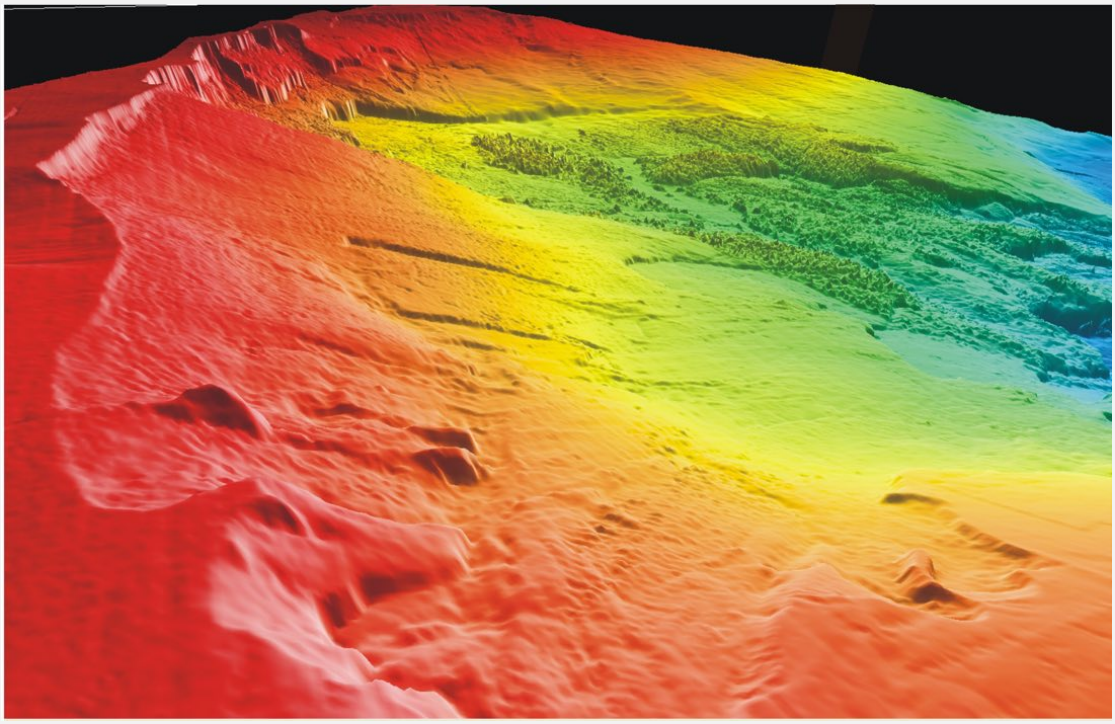


Frau Prof. Dr. Morelia Urlaub

GEOMAR Helmholtz-Zentrum für Ozeanforschung Kiel

What causes submarine landslides?

Submarine landslides can be major geohazards as they can destroy seafloor infrastructure, such as telecommunication cables and they can cause tsunamis. For hazard assessment and mitigation purposes we need to understand why, where, and how they occur. In this talk I will present the different types of submarine mass movements, summarise of the current understanding, explain why we have as yet failed to monitor a submarine landslide in action, and what may be potential future research directions.



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