

Tectonic geomorphology & paleoseismology

MGEO116 Konzepte regionaler Tektonik, Modulteil Spezielle Fragen der Tektonik, V/Ü (2 SWS)

Instructor: Dr. Christoph Grützner
Language: English
Schedule: SS2022, date and time to be announced later



Who should take this course?

Anyone interested in earthquakes, landscapes, active tectonics, and remote sensing.

Content: Geomorphic markers, topographic datasets, Quaternary dating methods, rivers & landscape evolution, morphometry, earthquakes shaping landscapes, paleoseismology

Aims: Students will learn to use geomorphology as a tool for evaluating tectonic systems. They will get to know a wide range of techniques to study active tectonics. We will discuss which data are useful, how to use and where to find them. We will examine the latest literature and discuss a lot about research scenarios and practical applications.

Please register in Friedolin.

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