



Institut für Geographie
Professur für Fernerkundung & GIS

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Graduate Seminar Master PG Scientific working II

Climate change impacts

Prof. Dr. Matthias Braun

Study programs: MSc Climate & Environmental Sciences

ECTS: 5 (2 SWS)

Number of participants: 20

Language: English

Content: Each student will prepare one session of the seminar with a presentation and guide the discussion. Each session will be set around one theme that is introduced by a critical scientific article to this topic. The session will be started by one article that is read by all participants. The presenting students will provide a scientific background analysis using this article as a departure point. In their background seminar presentation and term paper, they will review underlying processes and mechanisms explaining the phenomenon/findings of the article. They will present potentially different (critical) views on this topic.

The seminar aims are:

- Deepen your understanding of physical processes and mechanisms in the climate system
- Get an idea of (tele-)connections in the climate system
- Analyse impacts of climate change in different ecosystems and climate zones
- Deepen your skills in critical literature review and scientific writing
- Learn to critically analyse scientific literature

Entry requirements: background in natural sciences, basics in climatology

Assessment: presentation of 45 min + discussion and term paper (20 pages)

Start of class / first meeting see UniVIS