## Module title
Multi-Temporal Earth Observation

### Abbreviation
04-GEO-APP10-212-m01

## Module coordinator
holder of the Professorship of Remote Sensing

## Module offered by
Institute of Geography and Geology

### ECTS
5

### Method of grading
numerical grade

### Only after succ. compl. of module(s)
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### Duration
1 semester

### Module level
graduate

### Other prerequisites
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## Contents
Possibilities, limitations and challenges for time series remote sensing analyses are presented and discussed. The availability of time-series data sets and their possible uses are discussed. Platforms for processing spatio-temporal data are introduced and time-series analyses are carried out.

## Intended learning outcomes
Participants will gain a detailed and comprehensive overview and understanding of the possibilities and limitations of time-series analyses. In addition, the students are given tools to carry out time-series analyses by themselves.

## Courses
(S (1) + Ü (1))
Module taught in: English

## Method of assessment
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

- a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages)

Assessment offered: Once a year, summer semester
Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus

## Allocation of places
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## Additional information
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## Referred to in LPO I 
(examination regulations for teaching-degree programmes)
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## Module appears in
Master’s degree (1 major) Applied Earth Observation and Geoanalysis (EAGLE) (2021)