## Exploration of Mineral Deposits

### Module coordinator
holder of the Professorship of Geodynamics and Geomaterials Research

### 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
The examples may include the management of the resources in rangelands, croplands, irrigation and drainage systems, river catchments, urban areas, or others. Focus may be set on special geographical settings. Depending on the selected topics and scale relevant Earth Observation parameters can include land cover and land use mapping, biophysical variables (LAI/FPAR/Chlorophyll, evapotranspiration, etc.), biomass or crop yields, soil moisture, phenological metrics and other dynamic parameters.

### Intended learning outcomes
Application of Remote Sensing in Mineral Deposit research

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

### Method of assessment
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) (2016)
Master's degree (1 major) Applied Earth Observation and Geoanalysis (EAGLE) (2018)