

<b>Module title</b>		<b>Abbreviation</b>
Global Remote Sensing Applications		04-GEO-APP6-212-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Remote Sensing		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Possibilities, limitations and challenges for remote sensing analyses on a global scale are presented and discussed. The availability of global data sets and their possible uses are discussed. Platforms for processing and analyzing spatial data on global scales are presented and earth-wide analyses are carried out.		
<b>Intended learning outcomes</b>		
Participants will gain a detailed and comprehensive overview and understanding of the possibilities and limitations of global studies. In addition, the students are given tools to carry out large-scale analyses by themselves.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S (1) + Ü (1) Module taught in: English		
<b>Method of assessment</b> (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		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Earth Observation and Geoanalysis (EAGLE) (2021)		