

<b>Module title</b>		<b>Abbreviation</b>
Selected Applications		04-GEO-APP4-162-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>		
<p>The module focuses on remote sensing applications relevant for spatial and environmental planning, resource management, ecology and conservation, or disaster management. Among others, e.g. (urban) land use / land cover mapping and spatial modeling, or environmental modeling e.g. in geography, geology, ecology and biodiversity research, climatology, hydrology, soil sciences, geomorphology or forestry can be subject of the module. All topics covered ought to be in direct relation to remote sensing and geoanalysis.</p>		
<b>Intended learning outcomes</b>		
<p>The participants gain theoretical and methodological knowledge on the use of remote sensing in selected fields of environmental sciences and studies.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
<p>S (1) + Ü (1) Module taught in: English</p>		
<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)		
<p>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</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Applied Earth Observation and Geoanalysis (EAGLE) (2016) Master's degree (1 major) Applied Earth Observation and Geoanalysis (EAGLE) (2018)</p>		