### Module title
**Methods and applications in Remote Sensing**

### Abbreviation
09-BFB1-072-m01

### Module coordinator
holder of the Chair of Remote Sensing

### Module offered by
Institute of Geography and Geology

### ECTS
10

### Method of grading
numerical grade

### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Methods of remote sensing data analysis, remote sensing concerning resource management, remote sensing concerning the biodiversity research, remote sensing of urban spaces.

### Intended learning outcomes
Students possess the following skills: Theoretical basics of current methods from the remote sensing data analysis, in-depth technical knowledge of methodological implementing of remote sensing research approaches in the resource management, e.g. in hydrology, agriculture, biodiversity research and urban spaces.

### Courses
This module comprises 2 module components. Information on courses will be listed separately for each module component.

- **09-BFB1-1-072:**
  - Type: Methods for Analysing Remote Sensing Data
  - Method of grading: numerical grade
  - Assessment: presentation (45 minutes) with written elaboration (15 pages), weighted 1:1

- **09-BFB1-2-072:**
  - Type: Remote Sensing in Resource Management
  - Method of grading: numerical grade
  - Assessment: presentation (45 minutes) with written elaboration (15 pages), weighted 1:1

### Method of assessment
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

- **Assessment in module component 09-BFB1-1-072:**
  - 5 ECTS, Method of grading: numerical grade
  - Presentation (45 minutes) with written elaboration (15 pages), weighted 1:1

- **Assessment in module component 09-BFB1-2-072:**
  - 5 ECTS, Method of grading: numerical grade
  - Presentation (45 minutes) with written elaboration (15 pages), weighted 1:1

### Allocation of places
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### Additional information
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### Referred to in LPO I
(examination regulations for teaching-degree programmes)

### Module appears in
- Bachelor’ degree (1 major) Geography (2007)
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