APPLIED GEOPHYSICS RESEARCH PROJECT

GENERAL INFORMATION

We are now offering the possibility for students to participate in a research project during the third semester. The idea is that students work with their later (academic) supervisors in a defined project on a topic related to the subsequent thesis.

This new module has been set-up based on popular request by both, thesis supervisors, as well as students, in order to have some more time to delve into the topic of the thesis – before the thesis project itself starts.

STRUCTURE

The thesis project will start as soon as the students decided on their thesis project – at latest on November 15. The deadline for submission of the research project report is:

Friday, 26th of January 2024, 17:00.

Students are expected to have a workload of approximately **10 hours per week** for the project in this timeframe (excluding Christmas break).

PROJECT OUTLINE

The research project will be defined in collaboration with the supervisor of the master thesis. Examples include (but are not limited to):

- A detailed literature survey or review of theoretical concepts, related to the topic of the thesis
- Preliminary data collection and preparation
- Experiments with scientific software subsequently used in the thesis project

It is important to note that the **content established in this research project *cannot* be included in *both* the report *and* in the thesis** (in order to avoid double-counting of credits). However, students can reference the report and results in their thesis.

FINAL REPORT

The module completes with a graded final report. This report has a **maximum length of 10 pages** (excluding reference list and data management plan) and should be written in the conventional structure of a scientific document, to including:

- a short abstract (max. 300 words);
- Introduction with a definition of the scientific question;
- Methodology;
- Results;
- Discussion and Outlook to Master thesis project
- Short (max. 1 page) data management description.

The exact structure can be adjusted in accordance with the project supervisor.

The report is submitted to the principle (academic) supervisor of the thesis and to the module representative Florian over the Address: AppliedGeophysics@geol.rwth-aachen.de. A grade is suggested by the academic supervisor, with a short feedback to the student.