wcm360 - Fieldwork Water Quality

Module label: Fieldwork Water Quality
Module code: wcm360
Credit points: 5.0 KP
Workload: 150 h
Used in course of study: Master's Programme Water and Coastal Management > Area of specialisation
Contact person:

Skills to be acquired in this module
The students will be able to understand different topics related to the management of water quality and the relationships between spatial planning and water quality (1E) (3C) (3D) (4B). Example topics addressed in the course include: agriculture, pollution and water management; salinization; nature development and ecology; drinking water and water purification. Further aim of the fieldwork is to practice different presentation techniques by giving an 'on-site' presentation and preparing a critical statement for discussion in groups on a water quality related topic provided by the lecturers (2H) (3E) (4A) (4C) (6A) (6C). Learning to work as a group in planning, conducting and presenting research is an essential part of the field-work (1D) (4A) (5A) (5B) (6C). A final goal of the fieldwork is to introduce to the students different water-related professions available for them in the water management field (4B).

The students are expected to also actively collect primary data during fieldwork by asking questions from invited experts, documenting the discussions and integrating the collected material in a meaningful, coherent and critical manner to their final report (1D) (2B) (2D) (2E) (2H) (4D) (5A) (5B) (6A) (6B) (6C). Learning to work as a group in planning, conducting and presenting research is an essential part of the field-work (1D) (4A) (5A) (5B) (6C). A final goal of the fieldwork is to introduce to the students different water-related professions available for them in the water management field (4B).

Module contents
The course starts in Groningen with three introductory lectures about the relationship between water quality and spatial planning and an introduction to the context of the Netherlands. The students will be introduced to a number of central concepts pertaining to planning for water quality. In addition, a tutorial about the field-work assignment 2 and planning will be held. Further introduction into the 'cases' and the data collection 'in the field' will take place in four regions in the Netherlands. Each group will provide an on-site presentation at one of the case study areas. The final deliverable is a written report by each group.

Module frequency:
unlimited

Module capacity:
Elective course for the students of Double Degree Master Water and Coastal Management. Not open for other students. Max. 15 students.

Reference text:
See https://www.rug.nl/ocasys/frw/vak/show?code=GEMFLDWWQ for more information about this course.

Modullevel: ---
Modulart: je nach Studiengang Pflicht oder Wahlpflicht
Lern-/Lehrform / Type of program:
Excursions, Guest lectures, Lectures, Seminars

Vorkenntnisse / Previous knowledge:

Examination:
Time of examination: 1 Semester
Type of examination: Final exam of module
Active participation, Group assignments, Oral presentation

Course type:
Seminar

SWS:
Frequency: ---
Workload attendance: 0 h