Georg-August-Universität Göttingen **Modul M.Geg.10: Verfahren zur Ressourcenanalyse und -bewertung** *English title: Procedures of Resource Analysis and Evaluation*	6 C 4 SWS

Lernziele/Kompetenzen: Students can name the different types of datasets available from the various satellite missions, observations and modelling useful for resource analyses. Students can apply common techniques to collect different types of environmental samples (water, soil, sediments, etc.). They can also perform some classical wet chemistry methods and sophisticated analytical techniques to evaluate pollution loads of environmental samples, and can explain potential hazard pathways. With this, they are able to select and apply appropriate methods for dealing with a specific resource-related environmental problem.	**Arbeitsaufwand:** Präsenzzeit: 56 Stunden Selbststudium: 124 Stunden

Lehrveranstaltung: Verfahren zur Ressourcenanalyse und -bewertung (Seminar)	2 SWS
Lehrveranstaltung: Verfahren zur Ressourcenanalyse und -bewertung (Übung)	2 SWS
Prüfung: Project presentation (approx. 30 min.; max. 20 pages) **Prüfungsvorleistungen:** Regular participation in the courses	6 C

Prüfungsanforderungen: The students prove that they are able to perform basic data analysis for evaluating natural resources. In addition, they provide evidence that they can perform wet-chemical analyses for the evaluation of resource-related environmental problems. The students demonstrate that they can complete the given project tasks and can give appropriate recommendations to ensure the preservation of aquatic ecosystems and the resources they provide.	

Zugangsvoraussetzungen: keine	**Empfohlene Vorkenntnisse:** M.Geg.09; basic chemistry knowledge
Sprache: Englisch	**Modulverantwortliche[r]:** Prof. Dr. Elisabeth Dietze
Angebotshäufigkeit: jedes Wintersemester	**Dauer:** 1 Semester
Wiederholbarkeit: zweimalig	**Empfohlenes Fachsemester:**
Maximale Studierendenzahl: 20	