

Module	International Water Issues
Module Number	MHSE 10 (BIW-MA-ABCD-05)
Responsible lecturer	Prof. Dr. Peter Krebs peter.krebs@tu-dresden.de
Qualification Objectives	The students are familiar with the situation with regard to water-related issues and problems such as water scarcity and water pollution in other countries. They have a global overview of the water situation and are able to better classify what they have learned and make decisions. Students will be able to adequately present and discuss specific topics related to water resources.
Contents	The contents of the module are selected water-specific issues of the home countries, aspects of the water situation, i.e. hydrological regime, climate situation including the expected climate change, supply situation with drinking or industrial water, the wastewater situation, the management of floods as well as water-related natural hazards, such as landslides and tsunamis. Further contents of the module are relevant projects and organizations in different regions, as well as the examination of these with the inclusion of personal experiences.
Teaching and Learning	3 SWS Seminar, self-study.
Requirements for participation	Basic knowledge of hydrosciences, knowledge of regional water management and hydrology at bachelor's level is required.
Applicability	The module is one of three elective modules in the Master's program in Water Security and Global Change, two of which must be chosen.
Requirements for the award of credit points	The credit points are earned when the module examination is passed. The module exam consists of a combined term paper of 30 hours. The exam language is English.
Credit Points and Grades	5 credit points can be earned through the module. The module grade corresponds to the grade of the examination.
Frequency of Module	The module is offered every summer semester.

Effort	The total workload is 150 hours.
Duration of the module	The module lasts one semester.