

Module title	Flood Risk Management – RWTH Aachen
Identifier	3013961
Duration (Semester)	one semester
Cycle (Semester)	winter semester
Valid from	Winter semester 2017
Valid until	-
Module level	Master
Content	<p>The following topics will be covered during the event:</p> <ul style="list-style-type: none"> - Introduction - Awareness Raising Risk Management - Flood Action Plans - Hazard Maps and Risk Maps - Hydraulic Models - Mobile Flood Protection - RIMAX - National Flood Protection Program - Flood Audit Pass - Torrential rain - Role-play a citizen's appointment on the topic of flood preparedness/severe rainfall prevention using our VR software for avatar-based teaching and learning.
Learning Objectives/ Learning Outcomes	The module serves to illustrate the transition from the classical concept of flood protection to the principle of risk provisions and to impart the associated paradigm shift in water management. In this module students learn the full range of precautionary approaches (areal, construction, behavioral and risk provisioning) based on practice-related tasks and thereby learn the different problem-solving skills.
(Study-Specific) Prerequisites	None
(recommended) requirements	The Participation in the lecture are strongly recommended.
References	see Moodle
Language	English
Examination Terms	Graded written exam. There are no admission requirements for attending the written exam.
Miscellaneous	-
Module coordinator	Universitätsprofessor Dr.-Ing. Heribert Nacken
ETCS credits	5
Contact time (WSH)	2
Examination duration (min)	0

Total hours (h)	120			
Contact hours (h)	30			
Self-study hours (h)	90			
Exam node (Kennung)				
Title	ECTS Credits	Contact time (WSH)	Recommended Semester (Study start winter)	Recommended Semester (Study start summer)
Written exam (or oral exam) Flood Risk Management (301396101)	5	0	3rd Semester	no semester recommended
Offer node				
Title	ECTS Credits	Contact time (WSH)	Recommended Semester (Study start winter)	Recommended Semester (Study start summer)
Lecture Flood Risk Management	-	2	3rd Semester	no semester recommended