

## Compulsory Subjects [Regelknoten]: Compulsory Subjects

### Compulsory Subject [Modulknoten]: Module Title (Modulkennung)

<b>Module title</b>	Climate Adaptation in Coastal and Hydraulic Engineering – RWTH Aachen
<b>Identifier</b>	
<b>Duration (Semester)</b>	one semester
<b>Cycle (Semester)</b>	winter semester
<b>Valid from</b>	winter semester 2024
<b>Valid until</b>	-
<b>Module level</b>	Master
<b>Content</b>	<ul style="list-style-type: none"><li>- Water problems</li><li>- Basics of Climate Change</li><li>- Principles of Climate Adaptation</li><li>- Nature based solutions</li><li>- Climate Adaptation to mitigate flood risks</li><li>- Climate Adaptation to mitigate droughts</li><li>- Climate Adaptation to ensure Water health and Water safety</li><li>- Climate Adaptation to mitigate coastal risks</li><li>- Climate Adaptation to mitigate coastal erosion</li><li>- Examples of Climate Adaptation from Germany</li><li>- Examples of Climate Adaptation from Developing Countries</li></ul>
<b>Learning Objectives/ Learning Outcomes</b>	
<b>(Study-Specific) Prerequisites</b>	
<b>References</b>	
<b>Language</b>	English
<b>Examination Terms</b>	Graded written or oral exam. There are no admission requirements for attending the exam.
<b>Miscellaneous</b>	
<b>Module coordinator</b>	Universitätsprofessor Dr.-Ing. Holger Schüttrumpf
<b>ETCS credits</b>	5
<b>Contact time (WSH)</b>	2
<b>Examination duration (min)</b>	
<b>Total hours (h)</b>	

Contact hours (h)				
Self-study hours (h)				
<b>Exam node (Kennung)</b>				
Title	ECTS Credits	Contact time (WSH)	Recommended Semester (Study start winter)	Recommended Semester (Study start summer)
	5	0	1st semester	No semester recommended
<b>Offer node</b>				
Title	ECTS Credits	Contact time (WSH)	Recommended Semester (Study start winter)	Recommended Semester (Study start summer)
	-	2	1st semester	No semester recommended