





COURSE INFORMATION „FLOOD RISK MANAGEMENT“

 winter semester 2017	 edX	 English	 3 SWS
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What to expect?

Flood Risk Management includes the national and international legal framework, risk and disaster management, information, warning, financial insurance mechanisms, estimation of flood discharges, hydrological and hydrodynamic modelling skills, as well as knowledge about technical and decentral measures of flood protection in rural and urban environments and how to use them in emergencies. The open online course introduces you to this topic giving an overview of the different branches of flood risk and flood management. The following experts from each area of expertise, which are united in the TU9 alliance, combine their knowledge to communicate basic principles, and to highlight current applications in flood risk management...

RWTH Aachen	TU München
Prof. Heribert Nacken	Prof. Markus Disse Johannes Mitterer

What are the course contents?

Week 1	Introduction to Flood Risk Management
Week 2	Uncertainties of Flood Modelling
Week 3	FRM and Rural Flood Protection Measures
Week 4	Urban Flood Protection
Week 5	Mobile Flood Protection Measures
Week 6	Flood Risk Audit and Special Issues

What are the requirements for participation?

Basic knowledge of hydrology and physics are considered helpful as well as basic engineering skills.

May I collect credit points with this course?

After successful attendance, a certificate of participation may be acquired. TU München and RWTH Aachen offer presence lectures dealing with Flood Risk Management, which cover even more topics than the MOOC contents. For these lectures presence exams are offered once in a year at each institution.

Any questions?

For all questions concerning the MOOC Flood Risk Management, please contact christina.fedaie@tum.de.