COURSE DETAIL

ADVANCES IN WATER MANAGEMENT AND CLIMATE ADAPTION
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies
UCEAP Course Number 108
UCEAP Course Suffix
UCEAP Official Title ADVANCES IN WATER MANAGEMENT AND CLIMATE ADAPTION
UCEAP Transcript Title WATER MANAGEMENT
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

The lecture series on "Advances in Water Management and Climate Adaptation" is a comprehensive course designed to explore the latest techniques, tools, technologies, strategies, and policies in managing water resources and adapting to the challenges posed by climate change. Tools and technologies will include, among others, advanced modelling techniques, digital technologies, remote sensing, and geographic information systems. Water management and climate adaptation strategies and policies will unpack the intertwined relationship between environmental, technological, societal, and economic stakes, and include topics related to climate justice, multi-objective optimization, risk and conflict management, and multi-sector dynamics under uncertainty. After an introductory session, different early-stage researchers from international universities, research institutions, technology centers, and policy institutes will present cutting-edge research, projects, lessons learned, challenges, and visions on water resources management and climate adaptation. Each lecture will be followed by a class discussion.

Language(s) of Instruction
English

Host Institution Course Number
51075

Host Institution Course Title
ADVANCES IN WATER MANAGEMENT AND CLIMATE ADAPTION

Host Institution Course Details
https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Institut für Strömungsmechanik und Technische Akustik

Course Last Reviewed
2023-2024

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