Experimental Hydrology
Experimental test sites are used for teaching courses. Moreover, the chair maintains several test catchments: Glonn / Dreisäulerbach / Sachenbach.

Soil Lab
The chair maintains its own well instrumented soil lab for comprehensive analysis of soil samples.

How to find us
Arcisstraße 21
80333 München
Germany
Tel +49.89.289.23220
Ongoing Research Projects

Adapt Risk (DGF/IGSSE)
Adapt Risk tackles an approach for adaptive risk-informed decision making for flood management and water resource planning under climate change uncertainty.

Flood Evac (BMBF)
Flood Evac is a bilateral research cooperation between Germany and India on the field of civil defense.

Globaqua (EU FP-7)
Globaqua analyzes the effects of multiple stressors on aquatic ecosystems under water scarcity.

Nima-Nex (DGF/IGSSE)
Nima-Nex conducts drought modeling and monitoring by means of novel statistical and analytical methods and the usage of the well known Soil and Water Assessment Tool (SWAT).

ProMoS (StMUV)
ProMoS deals with process based modeling of snow processes on the catchment scale.

ProNaHo (StMUV)
ProNaHo focuses on process based modeling of natural and decentralized flood retention measures for the analysis of event- and catchment-dependent effects.

SinoWater (BMBF)
SinoWater takes care of management and innovative technologies for the improvement of water quality in two prominent Chinese catchments.

SnoPat (PAT)
SnoPat deals with the homogenization and the statistical analysis of snow-depth and snow-fall time series collected in the Province of Trento (Italy).

SuMaRiO (BMBF)
The SuMaRiO project is a BMBF-funded research program on sustainable land management, TUM has the lead of the joint project Sustainable Management of River Oases along the Tarim River / China.

Courses B.Sc.

Environmental Monitoring and Risk Management
Hydrological and Pedological Field Exercise
Hydrology Basic Module
Water Quality

Courses M.Sc.

Alpine Watersheds under Changing Climate
Environmental Remediation Strategies
Flood Risk and Flood Management
Groundwater Hydraulics, Modeling and Management
Hydrological and Environmental River Basin Modeling
Integrated Water Resources Management
Numerical Modeling of Water Demand and Supply in Arid Regions - OWHM
PhD Seminar
Process based Hydrological Modeling of mesoscale pre-alpine Catchments
Rainfall-Runoff Modeling
Water Management at the Catchment Scale - Field Trip to Adige River