

Invitation to Workshop

INTEGRATED HYDROLOGICAL MODELING

organized and funded by TUM

🕒 Mon, October 14th - Fri, October 18th, 2019

📍 Technical University of Munich
Arcisstr. 21
D - 80333 Munich
Room: 1713

The maximum number of participants is restricted to 30 persons. Therefore, the number of participants per partner in the boDEREC-CE project is limited to 2.

The deadline for registration is August 28th, 2019. Please register via mail to Daniel Bittner and/or Lara Bittner

Daniel Bittner: daniel.bittner@tum.de

Lara Bittner: lara.bittner@tum.de

supported by:



FREEWAT
Free and Open Source Software Tools for Water Resource Management
EU HORIZON 2020 Project

USGS
science for a changing world



Partially funded by the TUM International Center and the International Graduate School for Science and Engineering (IGSSE)

Agenda

Monday, October 14th, 2019

- 09.00 am Registration
- 09.30 am Welcome by Prof. Dr.-Ing. Markus Disse
- 10.00 am Introduction to Groundwater Flow modeling with One-Water
- 12.00 am Lunch break
- 01.00 pm Simulation Packages of One-Water
- 03.00 pm Coffee break
- 03.30 pm The Farm Process
- ca. 05.30 pm End Day 1

Tuesday, October 15th, 2019

- 08.30 am Introduction to FREEWAT
- 10.30 am Begin of Case Study development with FREEWAT
- 12.00 am Lunch break
- 01.00 pm Continuation of Case Study development with FREEWAT
- 03.00 pm Coffee break
- ca. 05.30 pm End Day 2

Wednesday, October 16th, 2019

- 08.30 am Introduction to MT3D-USGS
- 10.30 am Presentation of Case Studies using MT3D-USGS for modeling emerging contaminants
- 12.00 am Lunch break
- 01.00 am Excursus: Workshop on Managed Aquifer Recharge at the Chair of Hydrogeology of TUM
- ca. 05.00 pm End Day 3

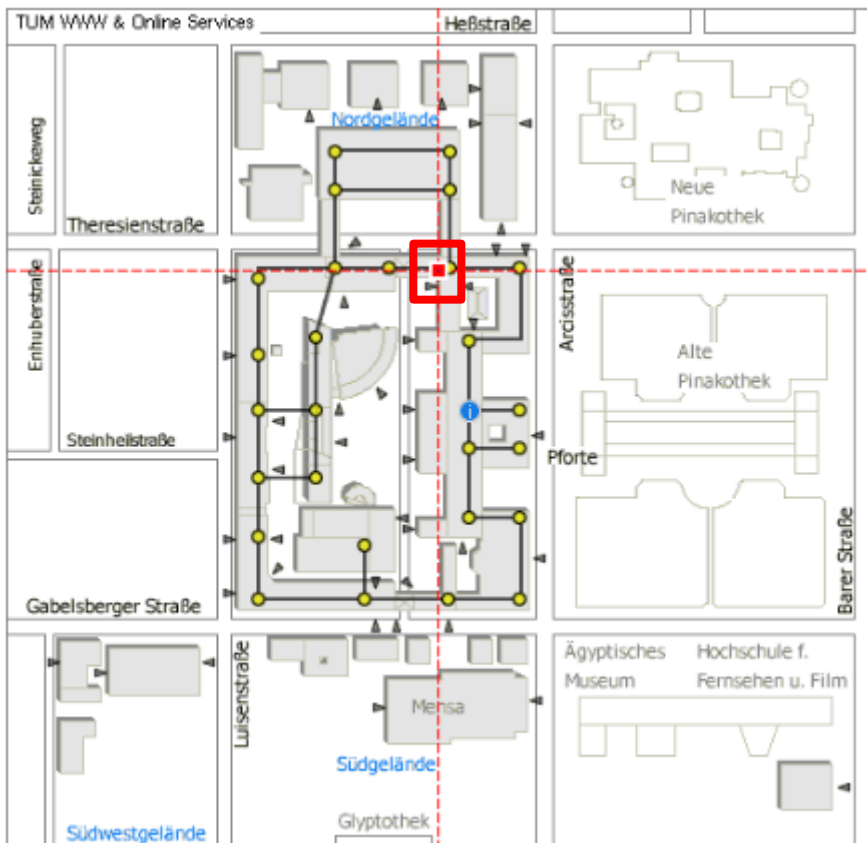
Thursday, October 17th, 2019

- 08.30 am Solute transport modeling with FREEWAT
- 12.00 am Lunch break
- 01.00 pm Continuation solute transport modeling
- ca. 03.00 pm End Day 4 and free time to visit Munich

Friday, October 18th, 2019

- 08.30 am Land use change modeling in Karst systems, Introduction to the LuKARS model
- 12.00 am Lunch break
- 01.00 pm Final workshop discussion
- ca. 03.00 pm Closing the workshop

Location of the room at TUM



Costs

The workshop is free of charge for all participants.

Coffees and snacks served during the workshop are also free of charge.

Participants need to take over costs for their travel, accommodation and food.