



University of
Zurich ^{UZH}

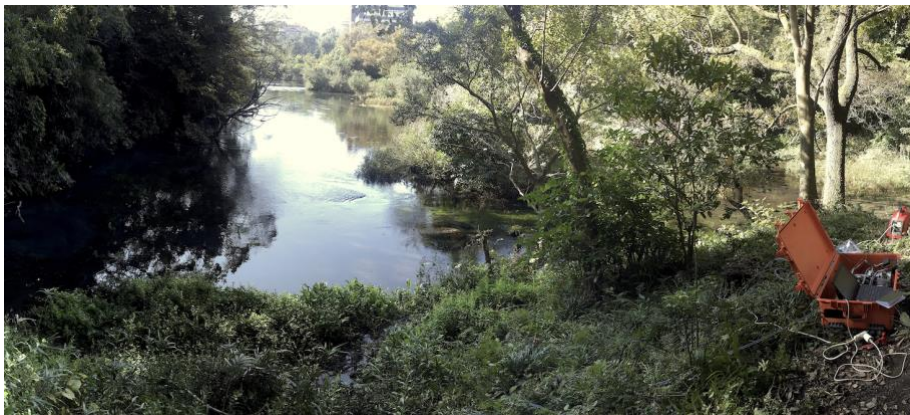
Department of Geography
Hydrology and Climate

INVITATION

to the following presentation:

Prof. Dr. Oliver S. Schilling
University of Basel
Department of Environmental Sciences

The potential of combining isotope analyses with online noble gas and microbial tracer methods for hydrogeological investigations



Traditionally, quantitative analyses of surface water-groundwater systems have been based on only two classic observation types: hydraulic heads and surface water discharge. It has been demonstrated many times, however, that

these classic observation types alone do not contain sufficient information to constrain flow paths in the typically complex and dynamically connected groundwater-surface water systems. Based on recent advances in analytical, numerical, and model calibration techniques, a way forward for quantitative analyses of surface water-groundwater systems is presented.

Date: Friday, January 26th, 2024, 11h00
Location: University of Zurich Irchel, Y25-H-38

The presentation will be organised also remotely. All interested persons can participate using zoom. [Email](#) for zoomlink and passcode.