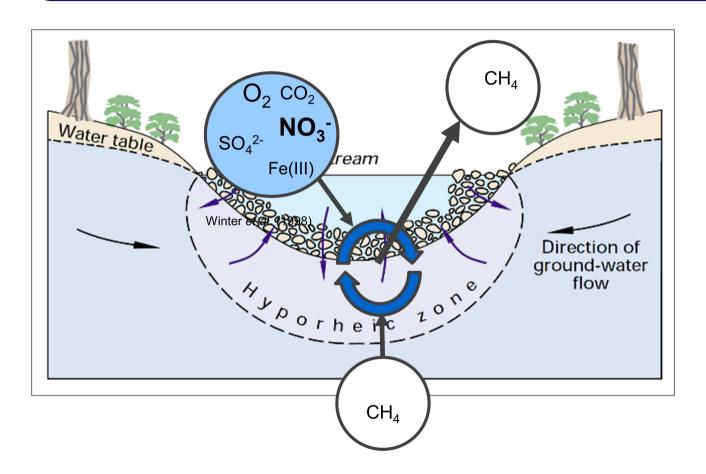


Masterarbeit

Topic: Climate Change

Detection of methane emissions from surface waters using a new sample technique



Ansprechpartner: Wang/ Wunderlich

yujia.wang@tum.de

Background: Greenhouse Gases (GHG) affect Climate Change.

Particularly emission of GHG from surface waters is not fully understood.

Description:

- High-resolution gas sampling at River Moosach in Freising.
- Measurements of concentrations and stabel isotopes of CH₄.
 Interpretaion of data by analythical modelling

Requirements:

Motivation to do field work and sample analysis in the field and laboratory