

Do you want to join the KAWater Project?



Lakes have been shown to be sites of intensive transformation of carbon, resulting in a key role of inland waters in the global carbon cycle. If internal primary production is high, e.g. due to anthropogenic eutrophication, lakes can act as net sinks, or close to neutral in terms of lake-atmosphere CO₂ exchange, due to the burial of carbon. However, greenhouse gas balance may be different, when also methane (CH₄) is considered.

We are conducting a large-scale mesocosm experiment, located at Lake Erken to study the overall effects of nutrient concentrations on aquatic food webs and greenhouse gas emissions. We are an interdisciplinary research team of about 25 scientists, covering all kinds of research fields, such as microbiology, biogeochemistry and food web ecology. If you are interested to work in a larger team, learning to see a specific topic from various angles, you are very welcome to join us!

For 2018 (**flexible starting date**), we are looking for motivated students (**degree projects or research training**) that would like to focus on various aspects in our project, for example zooplankton dynamics, insect emergence, or methane ebullition.

Just contact us for getting some more insight into our project:

Dr. Kristin Scharnweber (kristin.scharnweber@ebc.uu.se) or **Dr. Charlotte Grasset** (charlotte.grasset@ebc.uu.se).