

Experiments

Núria is collaborating with Hannes Peter and Carina Rofner (former limnos currently working at the University of Innsbruck) in an experiment studying the microbial response to changes in the soil DOM entering a lake. The first experiment was performed in lake Saänajarvii, northern Finland, constituting a latitudinal gradient. In the middle of August Núria is joining Hannes and Carina in Austria to repeat the experiment along the altitudinal gradient.



Meetings

People from many countries participated in the NETLAKE meeting hosted by EBC and Erken on June 11-17. Specifically, the high-frequency lake monitoring workshop took place at Erken. NETLAKE (Networking Lake Observatories in Europe) pursues a goal of cooperation in the field of development of sensor-based systems in lakes. For more information please check <http://www.dkit.ie/netlake> and <https://www.facebook.com/Netlake>.



Several people will represent our department at ISME conference in South Korea, 24-29 August. Participants are bringing tree talks covering the following topics: an importance of dispersal in aquatic bacterial communities (**Silke**), abundant and uncultivated freshwater Actinobacteria (**Sarahi**) and increased carbohydrate degradation capacity and unusual gene complexes in the metagenomes of humic lakes (**Sari**). Posters will be devoted to microbes of the deep subsurface continental biosphere (**Valerie**) and discrete methane accumulation in the ice-covered lakes (**Monica**).

New People

Zeeshanur Rahman, a PhD student on Erasmus Mundus Scholarship, will join us for 10 month from August 25-th working with Eva and Martin.



Field Trips

Sari and Karolina visited the research station of Centre for Northern studies (CEN) in Whapmagoostui-Kuujuarapik



(Quebec, Canada). The visit was funded by a grant Sari got from EU-INTERACT and CEN. The purpose of the trip was to sample thaw ponds in a melting palsa bog as a part of Sari's project that is looking into anaerobic microbes in freshwaters. Sampling campaign was very successful and the girls returned with samples from 12 sites representing ponds that have emerged about 2-60 years ago. In addition, Karolina got a look makeover by hungry Canadian mosquitos; however, as a true limno, she said that nothing could make her stop liking her job.

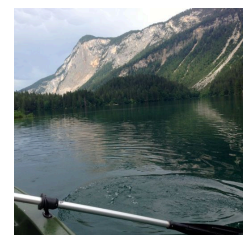
Workshops

CoW workshop for the young researchers took place at Klubban biological station on June 24-26. The



workshop group discussed broad issues such as scientific approach, research strategies and interdisciplinary communication, as well as how to place individual research into a wider perspective. Good weather and beautiful views from the station were absolutely worth a long drive and hopefully Klubban will host other limno events in the future. You can check the information about the station here: <http://bit.ly/VbGRN3>.

In July **Jovana** and **Eva Podgrajsek** (PhD-student at Geocentrum) attended the 17th International Workshop on Physical Processes in Natural Waters in Trento, Italy. The workshop's focus was on interactions between physical, biogeochemical and ecological processes in inland and coastal waters. Jovana and Eva visited Lake Garda, the largest lake in Italy, and Lake Tovel famous for the red color it used to have in the past due to dinoflagellates blooms.



Lake Tovel, Trentino province