

Limnologen Aktuellt

Newsletter of the Limnology Department

Issue 42 February-March 2016

C-cascades

About 30 PhD students and senior researchers from many different European countries came to our department to join a mini-conference and annual meeting within the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant (C-CASCADES project) from February 29 to March 3, 2016. The mini-conference included a field trip to Erken, which people compared to entering the world of Astrid Lindgren. In summary, it was a successful and very enjoyable event with good discussions and good food throughout the week.



SciFest 2016

This year, Uppsala's SciFest had the highest number of visitors ever: 8700 people in total! There were two days of school visits and one day open for the public, and in the middle of it all was Limnology.

Erik, Anna and Eva Garmendia from BMC

organized a workshop in microbiology with plenty of help from volunteers from both limnology and the rest of EBC and BMC. The workshop combined cultivation, DNA-extraction and microscopy to give a broad view of how the vast majority of living organisms on Earth can be studied. The reactions ranged from a simple "yuck" at the sight of a bacterial colony, to long discussions about life on a young planet. The visitors could make their own microbial plates and take part of the results on the instagram account mikrokultur!



Limno sport



Team limno participated in the Vasaloppet, that this year offered very nice conditions and a lovely weather. **Sari** and **Moritz** participated in the Vasaloppet Öppet Spår, which they finished successfully, improving their mark of last year. The day after, **Andrea** and **Núria** skied the Halvvasan, also reaching Mora in one piece and very happy of their achievement.

Karin Beronius represented Erken laboratory waterdays and had a workshop about small water-living animals from the outlet of Erken. She also had an iceblock from Erken with her.



Karolina and **Pia**, both known as Professor Vatten, had a workshop with fun water experiments.



EDLA 2016: 'Once Upon a Time'

Sometimes pictures speak better than any words; thanks to everyone for a great party!



Best costume winners!

People

Andrea was in a jury of the PhD defense "The fate of mercury species: from the shallow to the deep waters of a large lake" of Elena Gascón Díez, in Forel F.-A. Institute in Geneva, Switzerland. Andrea also spent a week in Umea working with the SLU on methylmercury photodegradation processes.



Jovana spent a week in January at Eawag in Kastanienbaum, Switzerland to get some expert help in analyzing Eddy Correlation sediment flux and high-frequency temperature data from Erken.

Recently **Jovana** and **Yinghua** went to lakes Valloxen and Övre Långsjön for sampling with the students from Aquatic Ecosystem course.



Kristin attended a 4 days course on Bayesian Stable Isotope Mixing Models using R at the Scottish Centre for Ecology and the Natural Environment (SCENE), which is located at the beautiful Loch Lomond in the Trossachs National Park.



Peter and Oona attended the Gordon Research Conference on predator-prey interactions in Ventura Beach, California, in mid-January. It was a very interesting conference with lots of networking and thought-provoking talks.

Yang attended a workshop in Kinneret Limnological Laboratory, Israel, learning to work with a program called 'PlanktoMetric', a system to conduct phytoplankton and zooplankton analyses simultaneously using real-time digital imaging. See more here: <http://goo.gl/YowDfL>



Erkenlaboratoriet

SITES is funding the establishment of a new experimental infrastructure called AquaNET (headed by Helmut Hillebrand). Over the coming two years mesocosms will be installed in lakes at 4 SITES stations (Asa, Erken, Skogaryd, Svartberget). The overarching aim is to build a mesocosm infrastructure that is flexible and can be used for many future experiments. The initial experiments related to aspects of ecological stability can serve as a 'prototype' and can be used by a broader international network later on".

Pia Larsson and Erika Bridell attended a phenology workshop in Omberg 9-10 February. At the workshop there were also staff members from other SITES stations: Per Löfgren, Håkan Grudd, Ola Langvall and Jenny Viklund.

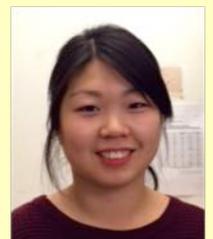


Welcome to Limno!



Haiyan Hu will join us for a Wennergren-funded postdoc. She will work on the microbiology of mercury methylation in wetlands.

Louise Nilsson is a PhD student from SLU working on the microbiome of mosquitoes and their larvae in tropical ponds. She will spend some time at Limno over the next couple of years, collaborating with the microgroup.



PhD students **Sophia** and **Hannah** from SLU will spend some time at limno working on the experiment that addresses ecological resilience and adaptive capacity using aquatic bacterial communities as model systems.