

Celebrations

In August Erken Laboratory celebrated 70 years since Wilhelm and Kerstin Rodhe started to use the Kallvik cottage (the first Erken Laboratory). This is well described in the first guest book (on the table where



you also see flowers from the cottage garden). Erken's staff and kids celebrated with a Kallvik cottage cake made by Karin Beronius.

Book the date!

On September 26, starting 13.00, everyone is welcome to participate in the LIMNO day. The aim of the day is to share current research in the department and simply to get to know each other better. We will have scientific presentations (Lindahl salen, EBC), team building exercises and a big dinner/party (Festsalen, EBC).

Interesting publications

In addition to publishing articles in scientific journals, our department sometimes publishes "articles about articles". During this summer **Sebastian** and **Lars** were invited to write such commentary articles. Sebastian wrote a "News & Views" article in Nature about a paper on carbon storage in tundra lakes (<http://bitly.com/1mFk3eV>) and Lars wrote a "Perspective" in Science on an article about photochemical mineralization of organic matter in Arctic inland waters (<http://bit.ly/1sZgTHR>).

A very fundamental question for limnology is: "How many lakes are there in the world, how are they distributed, and how big are they?" This has for a long time been controversial in studies on global upscaling of biogeochemical processes. Now we know! The Postdoc work of **Charles Verpoorter** on this issue is now published in Geophysical Research Letters (<http://bit.ly/1qy7cj0>). Charles developed a method to automatically extract all lakes larger than 0.2 hectares (less than half of a soccer field) from global Landsat imagery. The short answer is: there are 117 million lakes, and they cover 3.7% of the global continental area (excluding the ice caps).

Conferences

Posters and presentations from Uppsala University received good feedback and attendance at ISME conference in Seoul, 24-29 August.



On a day-off from the busy conference schedule. Limnos visited Changdeokung Palace and touched the wall of eternal youth.

Sampling campaigns

Pilar and **Heli** sampled five forest lakes with excellent help from people in Jan Karlsson's group at Umeå University. The purpose was to get depth profiles of stratified lakes with different DOC levels. The sampling was a part of work on microbes and methane cycling in anoxic layers of lakes.

New People

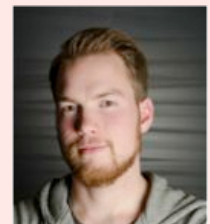
Three master students started working with Andrea, Jingying and Stefan on questions related to formation and degradation of methyl mercury:



Sonia Herrero Ortega



Torfi Geir Hilmarsson



Hannes Gröntoft

Asa White started his research training with Eva and Karen. He will investigate the historical biogeography of the Gonyostomum algae in Swedish waters using QPCR on lake sediment core samples.

