Limnologen Aktuellt
March

PUBLICATION ALERT

Jorrit, **Ana**, and **Don** have recently published a new paper in *Limnology & Oceanography*: "Drivers of phytoplankton responses to summer wind events in a stratified lake: A modeling study". They used a model to investigate what lake variables affect the response of phytoplankton to wind events, and how this might change with climate warming. Want to know more? Read the article here: https://doi.org/10.1002/lno.12040
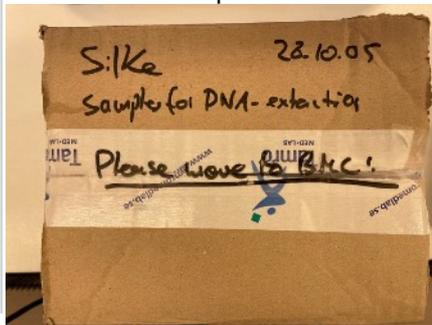
WALKING TO WAFFLES

Every Friday at 14.00 (unless otherwise informed) we meet outside the lab doors for a walk. Friday, March 25th is Waffle Day! Please mark your calendars - we will have our last 'walking to waffles' walk in the afternoon at 14.00 and waffles will start cooking in the fika room at 18.00. For now, please start thinking about fun toppings to bring and if you want to volunteer to be one of the 'cooks'!

LAB CLEANING

On Friday the 18th of February the big lab cleaning took place. Besides going through and discarding a lot of mysterious samples without proper labels about date/owner/content, also some old treasures were discovered (see picture below).

SAMPLING

After collecting samples from one forest, one agricultural field, one peatland and two different lakes, the continuous journey of organic matter found us at the Baltic coast collecting water and sediment samples from the "marine" environment. On February 7th **Lars** went for sampling in the bay called "Vedlösaviken" at the Baltic coast, northern Uppland. Now the pallet of the samples used for the first Respiratory Quotient project is completed and some preliminary results will be discussed soonish!

✅ **Leaving Limno?** Don't forget to fill out the 'checking out' document with your PIs if you're leaving the department this month.

NEW FACES

Jorrit Mesman is returning to Limno! He started his PostDoc in February and will be working on the SmartLagoon project (https://www.smartlagoon.eu/), which has the aim of building a systematic understanding of environmental issues in coastal lagoons. The primary focus will be on the Mar Menor lagoon in Spain, and he will be creating a modelling setup for the lagoon and the surrounding catchment.

Fun fact about Jorrit: He always eats sandwiches for lunch.

Azadeh Yousefi is a Ph.D. student from Trento, Italy. Her Ph.D. thesis focuses on utilizing machine learning to forecast lake water temperature. On February 1st, she arrived in Uppsala as a guest Ph.D. student, focusing on the prediction of ice formation in lakes using machine learning under the supervision of **Gesa**.

Fun fact about Azadeh: Her favourite activity is being in nature, regardless of what kind (hiking, tracking, cycling,...). She is also fascinated by various cultures and places and, accordingly, traveling.

MORE SAMPLING

Azadeh, Carina from Gothenburg, **Gesa** and **Ellinor** went sampling. They accidentally got the drill stuck in the ice (it actually froze in the hole) so the picture shows them trying to get it loose with a heating gun. Otherwise the sampling was successful (however with two broken ice corers at the last sampling site). The ice measured ~47 cm at most!

MEMORY AID OF THE MONTH

Are you struggling to remember technical terms in Limnology, e.g. the difference between 'lentic' and 'lotic'? No problem! **Karla** suggests to think of 'lentils' which sounds similar to 'lentic' and are round like lakes and are the opposite of 'lotic', moving body of water like rivers. From now on there will be a new memory aid presented in every newsletter, so if you know any nice memory aids, please send them to me!