



Limnologen Aktuell March

NEW JOB DURING COVID

What has life been like as a new employee during this extraordinary year? The staff portal, Medarbetarportalen, features an article about the difficulty to be new at the university during lockdown, which could be helpful for our new limnos but also for everyone else, to become aware of this and think about how we can help new people. <https://mp.uu.se/en/web/nyheter/-/knepiggt-att-vara-nyanstalld-under-pandemin> (it's in English)

PUBLICATION ALERT

Dolly recently co-authored two new papers: "How humans alter dissolved organic matter composition in freshwater: relevance for the Earth's biogeochemistry" (Xenopoulos et al. 2021, published in Biogeochemistry) reviews how anthropogenic factors such as land use change, climate change, nutrient pollution, browning, wildfires, and dams can change DOM composition which in turn will affect internal processing of freshwater DOM. We then describe how human-modified DOM can affect biogeochemical processes. Read the article here: <https://link.springer.com/article/10.1007/s10533-021-00753-3>

"How much carbon can be added to soil by sorption?" (Abramoff et al. 2021, published in Biogeochemistry Letters) quantifies the potential of mineral soils to sorb additional DOC for six soil orders, by compiling hundreds of laboratory sorption experiments to estimate how much DOC could be stored in the soil in top of the amount that is already adsorbed. You can find the article here: <https://link.springer.com/article/10.1007/s10533-021-00759-x>

STORY BEHIND THE PAPER

Fernando (now a post doc at SLU) wrote a blog post that featured in the Journal of Animal Ecology's blog Animal Ecology in Focus, to tell the #StoryBehindThePaper for the article "[Short-term apparent mutualism drives responses of aquatic prey to increasing productivity](https://doi.org/10.1111/1365-3113.12000)", which was recently published. The post includes a summary of the article and a description of the KAWater mesocosm experiments, with a lot of cool pictures from the fieldwork at lake Erken. Check it out here: <https://animalecologyinfocus.com/2021/02/04/indirect-interactions-through-shared-predation-can-drive-food-web-responses-to-environmental-change-lessons-learnt-from-a-lake-mesocosm-experiment/>



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



'NEW' FACE

Between March and May, **Jorrit Mesman** will be back in Uppsala. He is a PhD student jointly supervised by Uppsala University and the University of Geneva in Switzerland, and he works on modelling the effects of extreme weather events on lakes. Some of you may have seen him at the department in 2019. Welcome back Jorrit!



Anna Bottone started her PhD (supervised by Sebastian) on the 15th of February. She introduces herself here →

A NEW PHD STUDENT SAYS HI

Hi, my name is **Anna**, I am a new PhD student at the IEG department. I received my BS in Environmental protection from Udin University, Italy, and my MSc in Geoecology from Umeå University, Sweden, after which I worked as Project assistant for Professor Jonatan Klaminder at the EMG department before eventually becoming a PhD student at the Uppsala University.

Academically I've always been interested in studying pollutants in the environment, particularly in soils that's why I firmly believe that the PhD position for Professor Sobek in the Limnology programme represent the perfect solution to me!

Also, my love for nature and the passion for trekking helped me to consolidate my knowledge in the Environmental Science acquired over the years of studies, in fact, in the time spent immersed in the nature I could observe processes and events that have also reinvigorated my academic curiosity for the Earth Science.

I see myself as outgoing and upbeat person, dedicated to my job but also to people.

I hope that the pandemic situation we are experiencing will soon be over and have the opportunity to meet you all in person. Anna Bottone

PHD DEFENSE

Sophia Renes will defend her PhD thesis entitled "Shaped by the past - Resilience and ecological memory in microbial communities" over Zoom on the 5th of March at 14:00. The zoom dissertation party will be on Saturday the 6th of March (for zoom links see email). Sophia did her PhD at SLU but has been doing lab work at Limno and was co-supervised by Eva.



NEW IPCC REPORT

We've all heard about the IPCC reports, but how do these reports actually come about? An important step is the peer review process. **Gesa** recently participated in the review of the sub-report, "Impacts, Adaptation and Vulnerability" (for the "The Physical Science Basis" report). Read more about it here: <https://teknat.uu.se/news/nyhetsdetaljsida/?id=16436&typ=artikel&lang=en>



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