

### KAWater mesocosm

facility is developing and we already have videos of a storm test, with 18 m/s northerly winds (filming credit to William Montero).



Our students, **Carolyn Hiller**, **Emma Åkerman** and **Sara Andersson** will help with KAWater project over the summer.



**Frizza Adilla** has started her research training with Kristin, Fernando and Peter and will conduct her master thesis within the KAWater project, studying the effects of DOM on aquatic food webs.



### People

**Oona** continues with her research on the effects of microplastic particles on larval fish. With the help of an assistant and the station director (Anders Nissling) she plans to expose a range of species including pike, perch, stickleback and flounder to natural levels of microplastics. Oona's results from last year's research were accepted in Science and will be published in the coming month. The manuscript (co-authored by Peter) is entitled 'Environmentally relevant concentrations of microplastic particles influence larval fish ecology'.



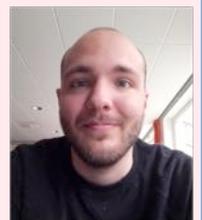
A picture of **Don Pierson** accepting the giant check from Roslagens Sparbank



Foundation for research and education will be featured in an advertisement. The advertisement will be shown in the local movie theatre in Norrtälje this spring. Read more about Don's award on <https://goo.gl/yG18As>.

In May, **Birgit** will spend one week working in one of the former Ingmar Bergmans houses on the island of Fårö, close to Gotland. This 'writing retreat' is funded by The Bergman Estate on Fårö Foundation (<http://www.bergmangardarna.se/en/>).

**Erik Johansson** is a new master student who will work with Peter. Erik's thesis will be about habitat preferences of pike larvae in two restored wetlands and the idea is to make predictions of recruitment in coastal pike populations.



On April 26 **Peter Raymond** gave a seminar 'Upscaling of CO<sub>2</sub> emissions from river systems'. Peter is a professor at Yale, currently on sabbatical in Stockholm.

**Sebastian** is happy to report a fantastic course evaluation for the Aquatic Ecosystems course: the students gave the course an overall rating of 4.9 of maximum 5 points! Good job, teachers!

Congratulations to **Roger** and **Christina** who recently became happy parents to a baby boy Nico! On April 29 we had a good-bye fika with Roger as he is leaving our department and will now work in environmental consulting. Good luck Roger, we will miss you!

### SITES

### Erkenlaboratoriet

On April 1 **Silke** officially became a new director of Erken Laboratory. This was highlighted in the university press release where Silke answered important questions about Erken's scientific activity (<http://www.uu.se/press/nyheter/artikel/?id=6344>). Congratulations Silke!

Ny föreståndare för Erkenlaboratoriet



In the beginning of April **Silke** participated in the station manager meeting at the research station in Tarfala. The picture is from a lunchtime walk on Tarfalsjön, one of the lakes included in SITES Water, the lake and stream monitoring programme that is currently in the start-up phase.



On April 27 there was a kick-off meeting of SITES AquaNet at Erken headed by **Helmut Hillebrand** from the University of Oldenburg in Germany. SITES AquaNET will build up a mesocosm infrastructure in lakes located at 4 stations (Erken, Asa, Skogaryd and Svartberget) and run pilot experiments to test different facets of compositional and functional stability in response to press and pulse disturbances.

**Anders Lindroth**, the new director of SITES starts on May 1.

### Sampling in the Amazon

Team Hydrocarb finished their fourth field campaign in Brazil, with Curuá-Una Reservoir in the Amazon in February/March. They stayed two weeks in the woods, while the woods were either flooded (see picture for an impression), or burned down in a recent huge fire all around the reservoir. They slept in hammocks, battled over who eats the most mangoes from the trees, and stayed in a local community where they impressed everyone with their non-existent snooker skills. A little hint from Raquel for those who would like to know what it's like in the Amazon: "Put some water in your kitchen oven, turn it on, put your head inside and take a deep breath".



Great support came from the teacher and PhD student **Roseilson** (Santarém University) who runs eddy covariance and other studies on gas exchange in Curuá-Una. New on the team were also **Charlotte**, a PostDoc doing isotope analyses in Juiz de Fora with Fábio Roland and Sebastian, and **Ronnie**, who is doing his Master project on emissions from the reservoir's drawdown zones.



From left: Ronnie, Anastasija, Raquel, Charlotte, boat driver Charopinho, Roseilson, José, Nathan. Missing: Annika (picture), Sebastian, field assistant Caique, boat driver Gonzales.



From left: Charopinho and Zé

The Team would like to introduce **José Reinaldo Paranaíba Vilela Alves Teixeira (Zé)**, who does his 2-years Master project with Nathan in Juiz de Fora. He now completed one year of his work and creates a large pressure on everyone with his data acquisition and analysis. Keep up the good work, Zé!



**Ilia Ostrovsky** from Kinneret Limnological Laboratory, Israel, came to visit in Juiz de Fora for a week. He came to Chapéu d'Uvas Reservoir to do some hydroacoustical bubble acquisition with **Annika** (picture), discussed hydroacoustic data with **Raquel** and gas exchange rates with **Zé** and **Nathan**. Team Hydrocarb enjoyed having him and is looking forward to fruitful collaborations.