



Dates of the month

Mo 12 Nov	Monday Seminar 10:00 <i>Eva Lindström</i>
	Micromeeeting 10:30 <i>Merce Berga</i>
Fr 16 Nov	Seminar 13:15 <i>Alexander Prast</i>
Mo 19 Nov	Monday Seminar 10:00 <i>Roger Müller</i>
Do 23 Nov	Seminar 13:15 <i>Susan Waldron</i>
Mo 26 Nov	Monday Seminar 10:00 <i>Hannah Chmiel</i>
Fr 30 Nov	PhD Symposium
Mo 3 Dec	Monday Seminar 10:00 <i>Friederike Heinrich</i>
	Micromeeeting 10:30 <i>Andrea Garcia Bravo</i>
Mi 5 Dec	Seminar 13:15 <i>Brendan McKie</i>
Fr 7 Dec	Seminar 13:15 <i>Göran Englund</i>
	Water Fest 18:00 Mark-Vatten-Miljöcentrum at SLU
Mo 10 Dec	Monday Seminar 10:00 <i>Andrea Garcia Bravo</i>
Mo 17 Dec	Monday Seminar 10:00 <i>Anne Kellermann</i>

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The group in Montreal where François Guillemette did his PhD is running a very large project on the carbon biogeochemistry of boreal aquatic systems, carbbas, <http://www.carbbas.uqam.ca/en.html>, jointly funded by public research funds and Hydro-Québec, a large hydropower company. Lars is on the scientific advisory board of this project. In late September, he met with the project participants, and toured the James Bay Project, which comprises hydroelectric reservoirs flooding an area more than twice the size of lake Vänern.

News

Congratulation to Sebastian Sobek, who was promoted to Docentship in early November.

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VR is provides funding for two projects in the Limnology group: Stefan Bertilsson as PI together with T. McMahon, David Bastvikan and Sebastian Sobek were funded for the project: "How is organic matter degradation sustained across redox gradients: community shifts or adaptation?" Alexander Eiler got funding for his project: "En modell av oligotrofa bakterier med effektiviserat genom för mikrobiologi"

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We are now a member of the COST action NETLAKE-Networking Lake Observatories in Europe. The over-arching objective of NETLAKE is to establish a network of scientists, technologists, managers and stakeholders focused on the development and application of cutting-edge sensor technology for the protection of European lakes and reservoirs. Don Pearson and Stefan Bertilsson are part of the management committee with Gesa Weyhenmeyer and Kurt Pettersson as replacements. The project offers plenty of opportunities for exchange between European Freshwater Science Labs, courses and training workshops. For more information about the action:

http://www.cost.eu/domains_actions/essem/Actions/ES1201.

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Late November, Birgit will go for a research exchange to the Smithsonian Tropical Research Institute in Panama. During her stay, she will discuss recent meta-analysis results with scientists participating in the study, and sample lake waters.

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Course on Fluorescence 101 (Nov 19 & 20)

This course aims to give aquatic scientist the skills to process and interpret fluorescence spectra. Participants are encouraged to bring their own datasets. Please email dolly.kothawala@ebc.uu.se if interested.

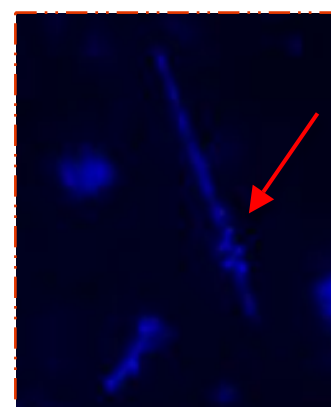




Some impressions from the Limnology teaching activities: 1 & 2 Ecocatch: Students performing a River Habitat Survey at the outlet of Erken; 3 Course on the Baltic Sea Environment; 4 Limnology 1 (38 students!), investigating macrophytes in Lake Bredsjön; 5 The Applied Ecosystem during its excursion to Lake Mörtsjön; 6 Vattenvård - Photos taken by Anna Brunberg & Inga Richert

Ongoing Projects

On the microscopic image you can see part of Valerie Hubalek's current project. Valerie is reconstructing the metabolic relationship of an association of oil degraders, which are found in oil sands from Canada. The long filaments are the Archaeon *Methanosaeta* in association with an unidentified spherical bacterium.



New in the Department

Christopher Bergvall will be working as a research engineer performing chemical analyses. His background is in the field of analytical chemistry and he will initially focus on chromatographic separation methods.



Ran Li started her master thesis about variability and regulation of apparent quantum yields for the photoproduction of dissolved inorganic carbon in lake waters, supervised by Birgit.

