

Biogeochemisches Kolloquium

Eine Veranstaltung der AG Ökohydrologie und
Stoffkreisläufe, Universität Münster

Wintersemester
2015/2016

Freitag 29.01.2016
Heisenbergstr. 2
Raum 554

Postersession
Foyer (1.Stock)
Beer, Coffee &
Snacks

9:00	<i>Prof. Dr. Christian Blodau</i>	Effects of intensive drying and rewetting on carbon cycling in mesocosms of 14 European peatlands
9:30	<i>Wiebke Münchberger</i>	CO ₂ and CH ₄ fluxes in disparate pristine bogs in southern Patagonia (Tierra del Fuego, Argentina)
10:00	<i>Prof. Dr. Christian Blodau</i>	Effects of long-term wetting on carbon cycling and trace gas exchange in Luther Bog, Ontario
10:30 - 10:50	<i>Coffee break</i>	
10:50	<i>Marie Goebel</i>	Impact of long-term wetting on belowground respiration and methanogenesis in Luther Bog, Ontario
11:10	<i>Dr. Klaus –Holger Knorr</i>	Nitrogen fixation associated with cushion plants - a novel pathway in biogeochemistry?
11:40	<i>Peter Raabe</i>	Restoring bogs - first results on <i>Sphagnum</i> cultivation and establishment experiments
12:10	<i>Tanja Broder</i>	Hydrologic control on stream DOM quality in a peatland and forest soil catchment
12:40 – 14:00	<i>Lunch Break</i>	
Poster 14:00-16:00	<i>Svenja Agethen</i>	Biogeochemical processes and properties of organic matter controlling carbon mineralization in rewetted bogs
Poster 14:00-16:00	<i>Sabrina Knack</i>	Humic substances as electron acceptors under differing peatland vegetation
Poster 14:00-16:00	<i>Simona Bonaiuti</i>	New light on a dark subject: Does burial inhibit decomposition in Luther Bog?
Poster 14:00-16:00	<i>Marcel Schmiedeskamp</i>	Where's the flux? Spatial and temporal variability in CO ₂ emissions from Wylde Lake, Ontario
Poster 14:00-16:00	<i>Eike Esders</i>	Groundwater – surface water interactions of Wylde Lake , Ontario
Poster 14:00-16:00	<i>Niclas Kolbe</i>	Microtopography and vegetation of Luther Bog - a remote sensing approach
Poster 14:00-16:00	<i>Leandra Praetzel</i>	Methane production and oxidation patterns in Luther Bog, Ontario
Poster 14:00-16:00	<i>Beatrice Biro</i>	Can we distinguish autotrophic respiration from heterotrophic respiration in a peatland?
Poster 14:00-16:00	<i>Philipp Keller</i>	Resilience of the Mer Bleue peatland against nitrogen and drought- a modelling analysis
Poster 14:00-16:00	<i>Ulrike Metzelder</i>	Spatial variability of methane and carbon dioxide exchange of the Windsborn Crater Lake (Germany)
Poster 14:00-16:00	<i>Patrick Guth</i>	Isotope fractionation during methanogenesis and methane oxidation in Luther Bog, Ontario
Poster 14:00-16:00	<i>Carolina Blumenkamp</i>	Untouched? Microplastic can be found in small and remote surface waters of the Eifel mountain range
Poster 14:00-16:00	<i>Independent student projects</i>	Wetland restoration Greenhouse gas fluxes in the Windsborn Crater Lake

Das Biogeochemische
Kolloquium ist eine
Informations- und
Diskussionsplattform für
Studierende, Forschende
und Lehrende

Gäste sind herzlich
willkommen