Faculty of Environmental Sciences, Czech University of Life Sciences
in association with Czech Geological Survey, Prague

cordially invites you to a half-day seminar

Recent Advancements in Biogeochemistry

BIOGEOMON Distinguished Lectures Tour

13 October 2026 | Room D222

9:00–9:25
Christine L. Goodale, Cornell University, NY, USA
Nutrient and acidity effects of nitrogen on forest carbon cycle processes: Results of a long-term experiment

9:25–9:50
Filip Oulehle, Czech Geological Survey
How much water does photosynthesis use? The biogeochemical imprint in eddy covariance measurements across European forests

9:50–10:15
Melanie A. Vile, University of West Chester, PA, USA
Lessons learned from a tale of two baselines – The Sphagnum diazotrophic divide of N_2-fixation in Alberta's pristine peatlands vs. the Czech Republic's high N industrial footprint

10:15–10:35
Martin Novák, Czech Geological Survey
Controls on biological nitrogen fixation in polluted Central European peat bogs

10:35–10:55
Coffee break

10:55–11:20
Susana Bernal, Centre for Advanced Studies of Blanes (CEAB-CSIC), Spain
Expanding towards contraction: The alternation of floods and droughts as a fundamental component in river ecology

11:20–11:40
Jakub Hruška, Czech Geological Survey
Streamwater chemistry of a burned small catchment in Central Europe – acidification induced by post-fire nitrate mobilization

11:40–12:00
Ada Pastor Oliveras, University of Girona, Spain
Streamwater nitrogen concentrations across vegetation gradients in High Arctic watersheds

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