

PhD position in ecosystem processes in heathland soils under climate change in Prague

Laboratory of Environmental Microbiology (Prague, Czechia), group of Petr Kohout (<https://kohoutlab.com/>) and Centre for Environmental Sciences, Hasselt University (Hasselt, Belgium), Ecotron research team Nadejda Soudzilovskaia and Francois Rineau (<https://www.uhasselt.be/en/instituten-en/cmkn-centre-for-environmental-sciences/infrastructure/ecotron>) is looking for a motivated PhD student. The person will join the consortium of the Excellence Research Centre Project “INTER-MICRO” that aims to identify threat associated with global changes on soil microorganisms with consecutive effects on ecosystem processes. The new PhD student will also gain from our long-term research collaboration with prof. Petr Baldrian (head of the Laboratory of Environmental Microbiology) from the Institute of Microbiology, Czech Academy of Science.

The proposed PhD position will gain from a long-term experiment simulating the effects of various future climatic scenarios on heathland ecosystem, run in the Ecotron centre at the Hasselt University. The PhD project aims to identify changes in microbial processes (e.g., carbon and nutrients cycling) in heathland soils under future climatic conditions.

WE SEEK

- University degree in the field of biology, botany, ecology, or similar
- Excellence in English and good communication skills
- Motivation for scientific work within the frames of the project
- PhD study will take place within one of the doctoral programmes at Charles University in Czechia

WE OFFER

- Work in an inspiring and friendly environment of an international team. For more details about the research group see: <https://kohoutlab.com/>
- We offer access to interesting experiments / datasets produced by the lab and their collaborators.
- The position is funded until June 2028. The full-time position has a weekly working time of 40 hours.
- 30 days paid holiday per year
- Employee benefits (discount on meals, sport/leisure activities, language courses etc.)

The deadline for applications is 31 March 2024, with a start date of 1 October.

Please send your Curriculum Vitae and motivation letter to Petr Kohout (petr.kohout@biomed.cas.cz).