

# PhD position open!



**KGEV**

katedra geoenvironmentálních věd

**Environmental and Isotope Geochemistry Group**  
**Faculty of Environmental Sciences**  
**Czech University of Life Sciences Prague**

## **Global Cd and Pb signal in the Pan-Arctic - Influence of local and distant sources**

The Environmental and Isotope Geochemistry Group invites applications for a PhD position within the topic “Global Cd and Pb signal in the Pan-Arctic - Influence of local and distant sources”.

### **Short description**

In this project, we propose to define Cd, Pb isotope signals dominating in the Northern Hemisphere and its historical development. We will sample 11 sites around the Arctic Circle where we will collect snow samples, soils, lichens and gasoline and diesel from local sources. The snow sampling campaign will be performed at all sites simultaneously. We will combine traditional radiogenic isotope systems (Sr, Nd) with Pb and Cd isotopes to distinguish between regional, crust derived, anthropogenic and local and more distant sources of Pb and Cd in the Pan-Arctic.

### **Requirements**

- Diploma in a relevant discipline (e.g., chemistry, geochemistry, geology)
- Solid analytical background
- Ability to work in an interdisciplinary team

Salary: 20,000-25,000 CZK/month net (785-980 EUR) + bonuses

Application deadline: March 10 2019

Start: October 1 2019

Please email applications together with CV and a letter of recommendation by supervisor to: [chrastny@fzp.czu.cz](mailto:chrastny@fzp.czu.cz)

