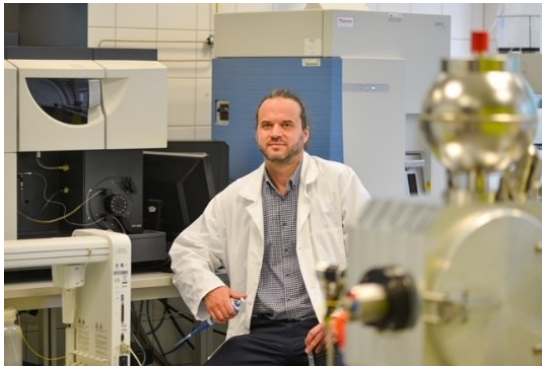


The Czech University of Life Sciences in Prague and its activities in the Arctic (and Subarctic)

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The Faculty of Environmental Sciences, Czech University of Life Sciences Prague (CZU) has been active in research in the Arctic and Subarctic through EEA Grants (Norway Grants) and the Czech Science Foundation (GAČR). The collaborative research with teams from Norway has focused mainly on environmental topics, such as the identification of pollution sources using various isotope systems and environmental geochemistry on Svalbard and in Finnmark (Kirkenes-Nikel) and environmental nanotech-

nology for the remediation of contaminated sites (the use of iron nanoparticles for soil and groundwater remediation). Furthermore, a team of our ornithologists has started research on incubation rhythms and self-maintenance in waders breeding on Svalbard as a result of global climate change. Additional topics are being prepared and this presentation will summarize and identify such research in the Arctic and Subarctic.