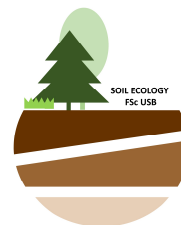




Přírodovědecká  
fakulta  
Faculty  
of Science

Jihočeská univerzita  
v Českých Budějovicích  
University of South Bohemia  
in České Budějovice



## Soil ecology group seeks motivated Ph.D. students

Our research team from University of South Bohemia, České Budějovice, Czech Republic specialized in **soil ecology and microbiology** engages in a new project focusing on the **ecosystem functioning in the natural forest life cycle**. Our aim is to understand:

How the vegetation status and composition of decaying organic substrate across the gradient of forest disturbance and subsequent vegetation regeneration affect:

**soil N-availability dynamics,  
soil microbial processes,  
and capability of forest soils to retain N**

We offer Ph.D. research topics:

- **soil microbial communities/processes related to N availability in declining and regenerating stands and  $\delta^{15}\text{N}$  as a marker of the ecosystem N status**
  - **soil microbial biomass/enzymes turnover, modelling of soil N transformations**

starting in 2022  
admission: end of January 2022  
4-years Ph.D. programme

**Application deadline: 5. 1. 2022**

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