



BSc or MSc Thesis: Land-use effects on plant functional diversity in Germany's grasslands

Description:

The thesis project will be carried out within the framework of an interdisciplinary project - „Sensing Biodiversity Across Scales“ (SEBAS) - within the Biodiversity Exploratories funded by the German Science Foundation. SEBAS aims at improving the understanding of land-use effects on the biodiversity – ecosystem service relationship. Our research focuses on three „exploratories“ in Germany: The Biosphere Reserve Schorfheide-Chorin in north-eastern Germany, the Hainich National Park in central Germany, and the Biosphere Reserve Schwäbische-Alb in south-western Germany. Based on existing and own ecological field data from grasslands, you will study the effects of land-use intensity on the taxonomic and functional diversity of plants, and subsequently on forage provision.

Collaboration:

Biodiversity Exploratories, SEBAS project (link [here](#))

Requirements:

- Bachelor or Master studies in organismic biology or ecology
- Knowledge of grassland plant species is of advantage
- Fluent in English

Tasks:

- Fieldwork (Spring 2022)
- Laboratory work on plant samples
- Statistical analysis

What we can offer:

- Financial coverage of fieldwork
- Participation in the SEBAS-project
- Work in an international research group focusing on global change ecology

You are interested or have questions? Contact:

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