

# Intraspecific diversity in reaction norms of beech seedlings

Global change is putting a lot of pressure on communities and ecosystem worldwide. It is, therefore, crucial for us to understand how trees respond to these new environmental conditions.

Using a beech seedlings common garden experiment with 180 beech saplings from all over Europe, you will find out how different levels of drought (from mild to severe ) affects beech seedlings. Using leaf spectroscopy, we will be able to measure an integrative plant phenotype. Will the genetic background of a seedling affect these reaction norms? You can find out 😊



Interested? Reach out: [sofia.vanmoorsel@geo.uzh.ch](mailto:sofia.vanmoorsel@geo.uzh.ch)

Starting date: flexible, ideally in late 2024/early 2025  
(fieldwork in spring/summer 2025)