

**M.Sc. Thesis Flyer /  
M.Sc. Arbeit Ausschreibung**

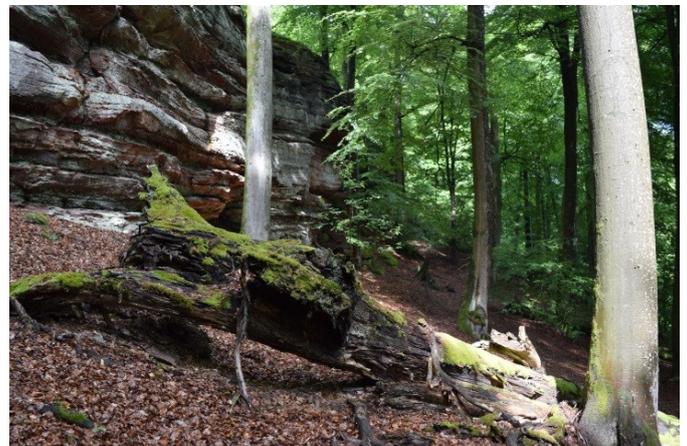


**Chair of  
Soil Ecology**

## **Deadwood-Soil Profile / Totholz-Boden Profil**

Deadwood can influence soil chemistry, physical properties and biological communities, and current research suggests the underlying processes relate to how deadwood decomposes and what decay products are released.

However, the latitudinal distribution of wood-decaying fungi and either release or uptake of nutrients both within deadwood and the soil immediately below remain unknown.



**Three, simultaneous theses based on deadwood-soil profiles are available:**

- *Spatial accumulation and loss of nutrients*
- *Spatial diversity of fungi*
- *Microscopic interface and exchange between deadwood and soil*

Potential candidates ought to be interested in ecological forest and soil cycles with corresponding implications for forest management. Extensive field work for careful sample preparation necessary to all three topics will be necessary, along with individual lab work regarding each subject. *Abschlussarbeiten auf Deutsch sind auch möglich.*

**Projected start date:** Summer-Fall 2016

**If interested, please contact:**

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