



## ***Doctoral Position Vacancy*** **“Insect diversity, pollination success and the functional heterogeneity of agricultural landscapes”**

### *Rationale*

Heterogeneity of agricultural landscapes can greatly influence biodiversity and associated ecosystem services, but the relative contribution of crop composition and crop configuration is little understood. Responses of plant-insect richness and ecological functions such as crop pollination to gradients in landscape heterogeneity will be analyzed in landscapes around the city of Göttingen, but also in other European countries (France, Spain, UK, also Canada) within a large *Biodiversa* project called *FarmLand*. For details see Fahrig et al. 2011: Functional landscape heterogeneity and animal biodiversity in agricultural landscapes. *Ecology Letters*, 14:101-112. For further information, see [www.agroecology.uni-goettingen.de](http://www.agroecology.uni-goettingen.de) and Tscharrntke et al. 2012: Landscape moderation of biodiversity patterns and processes - eight hypotheses. *Biological Reviews* 87: 661-685.

### *Requirements*

MSc degree in biology or agriculture or related disciplines.  
Interest in independent and multidisciplinary research.  
Knowledge in entomology, GIS and statistics is desirable.

### *Salary and conditions*

Salary is ca. 2400€ gross (resulting in ca. 1200€ net; “TVL13/2”) per month. Start date: October 1, 2012. The position is for three years. The doctoral thesis will be done as a series of English manuscripts.

### *Applications*

Applicants should send their CV, including a short summary of research interests, and the names (with email address) of two references - in one single pdf-file - to the following three email addresses as soon as possible (latest August 19, 2012): [yclough@gwdg.de](mailto:yclough@gwdg.de), [pbatary@gwdg.de](mailto:pbatary@gwdg.de), [ttschar@gwdg.de](mailto:ttschar@gwdg.de).

### *For further information, please contact*

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