

One Master thesis opportunity

Effects of landscape diversity and flower fields on bird communities in agricultural landscapes



Diversified landscapes include more semi-natural habitats and may support larger animal populations than simplified landscapes. Flower fields can be particularly for those species that use these habitats for nesting or for obtaining food resources.

The aim of this thesis is to explore how flower fields and the landscape context influence **bird communities** in the county of Norheim. In spring 2026, we will collect acoustic recordings using AudioMoth in 37 landscapes.



We are looking for one Master student who is interested in conducting his/her thesis on agrobiodiversity at the landscape scale.

Tasks: Your responsibilities will include the installation of Audiomoth, the analysis of the audio recordings processing, and the statistical analysing using the software R.

Requirements: You should be interested in independent fieldwork, birds, and be willing to write your thesis in English. Experience with Audiomoth, knowledge of R, and good data management skills with Excel are an asset. Having a driving license and willingness to drive is mandatory.

Period: Starting in March/April 2026

Opportunities: You will be part of KOOPERATIV, a cutting-edge interdisciplinary project (www.uni-goettingen.de/kooperativ/project) and gain experience in fieldwork, acoustic recording and scientific analysis, as well as improve your scientific writing skills.

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