



TUM

LWF

Bavarian wildlife camera trapping



Background

In 2019 we run ~200 wildlife cameras at 60 sites all across Bavaria in the LandKlif project. By this, we want to study the impact of climate change on plant phenology and ungulates.

Objectives

For our offer of 5 or more master theses in this project, we like to implement an innovative way of supervision and collaboration. **You** will be part of our research team of colleagues from the professorship of Ecoclimatology at TUM as well as the Wildlife group of LWF. Annotation and inspection of pictures will be team work of all students, equally the training in field and statistical tools used in wildlife research and data analysis. Each student will then write her / his thesis on a specific research question addressing, e.g.

- temporal activity patterns (hour of day, day of week, seasons) of roe deer
- temporal activity patterns (hour of day, day of week, seasons) of wild boar
- spatial distribution patterns of roe deer in different landscapes
- spatial distribution patterns of wild boar in different landscapes
- diversity of mammals and co-occurrence across Bavaria.

We are open also for other research questions on this data set.

Prerequisites

- strong enthusiasm, willingness and self-reliance to work on this topic
- evidence of strong interest in wildlife, climate change and data analysis
- familiarity with "R" or at least willingness to learn quickly
- good English skills, thesis can be written in English or German.

Applications

Did we catch your attention? Would you prefer to write your master thesis in an attractive teamwork setting? Please contact annette.menzel@tum.de for further information and send your application for being member of this master thesis research team until Feb. 21st. Theses to be started in the first half of March 2020.