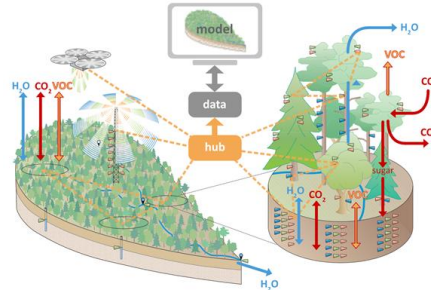


## Scientific researcher (Doctoral Researcher) of the Collaborative Research Centre SFB 1537 - ECOSENSE

The **Chair of Ecosystem Physiology** is seeking a junior scientist to study stress impacts on forest trees within the new Collaborative Research Center ECOSENSE (DFG SFB 1537).

The PhD position is integrated in the subproject B1 applying **chlorophyll fluorescence** measurements to quantify stress effects in forest trees. You will work in collaboration with doctoral researchers from the Technical faculty of the University of Freiburg which develop new autonomous chlorophyll fluorescence sensors. The work will be conducted on the joint field research site near Freiburg, as well as under controlled climate change experiments at the university.



We are looking for a highly motivated, enthusiastic candidate with excellent capacity for teamwork. Applicants must hold a MSc in Biology, Environmental Science or related disciplines ideally with experiences **in chlorophyll fluorescence measurements**, plant ecophysiology, physiology or ecology. You should have knowledge of data analysis and basic ecological statistics, good writing and communication skills. You should enjoy fieldwork and conducting experiments with plants, work independently with high self-motivation and interest in interdisciplinary projects. Fluency in written and spoken English and a high motivation to learn the basics of the German language are required.

We offer collaboration in a highly motivated team embedded in an exciting, newly approved large-scale project that brings together researchers from the engineering and environmental sciences (ECOSSENSE <https://www.cep.uni-freiburg.de/forschungsprojekte/ecosense>). ECOSENSE explores impacts of climate change and stress in forests integrating soil-plant-atmosphere exchange by developing a novel autonomous intelligent sensor network to measure forest processes.

Details on the documents required for your application and on the required form of the application are to be found on <https://www.cep.uni-freiburg.de/forschungsprojekte/ecosense>. Please follow these rules strictly.

Start of work as soon as possible, fixed-term until June 2026, 75% E13-TVL (PhD salary).

We are particularly pleased to receive applications from women for the position advertised here.

## Bewerbung

Please send your application including supporting documents and two references (or letters of recommendation) citing the reference number by 31.10.2022 at the latest. Please send your application to the following address in electronic form (pdf): [sabine.pregger@ctp.uni-freiburg.de](mailto:sabine.pregger@ctp.uni-freiburg.de)