



The Forest Research Institute (Forstliche Versuchs- und Forschungsanstalt - FVA) is the state's departmental research institution for the forest and is assigned to the Ministry of Food, Rural Areas and Consumer Protection Baden-Württemberg (MLR).

The FVA's legal mandate is to contribute to ensuring sustainable forest management on a scientific basis through application-oriented research in all forest-related areas.

With an interdisciplinary team of more than three hundred employees, the FVA addresses practical questions of forestry operations as well as species protection, forest conservation or conflict management in recreational forests.

The Department of Forest Nature Conservation is seeking to fill the full time position of a

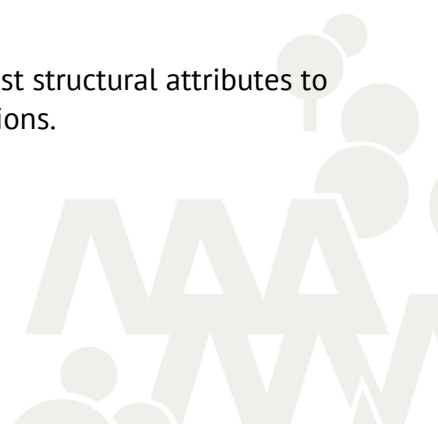
## Scientific Researcher (w/m/d)

within the EU Horizon Europe Project **WILDCARD** in Freiburg im Breisgau, lasting from **01.02.2025 to at least 31.07.2027**.

The overarching aim of the “WILDCARD” project is to investigate the impact of forest rewilding (“proforestation”) and succession in abandoned agricultural land (“land abandonment”) in Europe on carbon storage and biodiversity. To this end, 16 project partners from all over Europe with different areas of expertise are working together. The project is largely based on a unique European long-term data set of the European Forest Reserve Initiative (**EuFoRia**) on forest dynamics in natural forest reserves, which is being expanded and harmonized within the framework of WILDCARD. The FVA is mainly responsible for investigating the effects of proforestation on above-ground biodiversity.

### Key responsibilities

- Consolidation and harmonization of existing biodiversity data/species data of the project partners as well as of other existing European initiatives/projects
- Analysis of the effects of setting aside forests on the development of structural characteristics of forests for different ecoregions/environmental gradients and forest types based on European forest inventory data but also with remote sensing data in close collaboration with project partners.
- Develop models for predicting multi-taxon biodiversity based on forest structural attributes to assess effects of proforestation on communities and ecosystem functions.



- Further develop the research programme in close collaboration with the project team and partners.
- Support in the organization, communication and coordination of the “proforestation” work package and WILDCARD in general
- Preparation of reports, presentations and scientific publications of the project results.

## Your profile

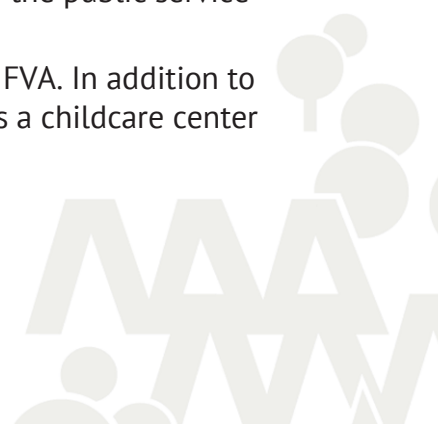
- PhD degree in forest or environmental science, biology, geoecology, ecological modelling or similar studies or MSc degree with comparable relevant scientific work experience of at least four years.
- Strong experience in statistical modeling and data analysis with R.
- Broad statistical skills and experience in diverse modeling backgrounds, including process-based models
- In-depth knowledge of programming languages such as R, Python or similar
- Good knowledge of geoinformation systems
- Knowledge of database applications
- Advanced experience in scientific writing, as evidenced by a good publication record
- Sound knowledge in the field of forest ecology and/or biodiversity
- A high degree of independent working style and organizational skills
- Strong teamwork and communication skills, also in an international context
- Proficiency in English, both spoken and written, basic knowledge of German is an asset.

## Beneficial skills

- Experience with various forest inventories, especially forest structure surveys
- Good knowledge of forest taxa and survey methods
- Experience in working with remote sensing data
- Experience of working in international and interdisciplinary teams

## What we offer

- An inspiring working environment in the “Forest Reserves and Biodiversity Group” in Freiburg in Breisgau, Germany, and in close collaboration with a large, international research consortium.
- Payment according to pay group 13 TV-L (collective agreement for the public service of the federal states).
- The compatibility of work and family is a particular concern of the FVA. In addition to flexible working hours and working from home, the FVA also offers a childcare center in the neighbourhood of the institution.



- We support your mobility with the JobTicket BW and JobBike BW.
- The FVA aims to increase the proportion of women and expressly encourages women to apply.
- Severely disabled persons with equal qualifications will be given preferential consideration.

## Did we catch your interest?

Then apply online by **15.12.2024** via our [Career Portal](#).

We look forward to hearing from you!

Your documents will be destroyed or deleted after completion of the application process in compliance with data protection regulations. Information on the processing of your personal data and your rights under Article 13 GDPR can be found on our homepage at [www.fva-bw.de/datenschutzhinweise](http://www.fva-bw.de/datenschutzhinweise). (German language only).

## Contact

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