



BFW • Bundesforschungs- und Ausbildungszentrum für Wald, Naturgefahren und Landschaft

Austrian Research and Training Centre for Forests, Natural Hazards and Landscape | <http://bfw.ac.at>

Post-Graduate Position

in Climate risk, adaptation and modelling

40 hours/week | limited for 3 years | expected start: December 2021

We are seeking application from highly motivated candidates for a Post-Graduate research associate in for the Project "Evidence-based reforestation decisions in Climate Change - EVA". **EVA** is a collaborative project between BFW Vienna, The Bavarian State Institute of Forestry (LFW), University of Greifswald, Germany and Landesforst Mecklenburg-Vorpommern (AöR). The project aims at developing decision support tools (DSS) for recommending adapted species and provenances suitable for future climate conditions by evaluating the risks of cultivation, growth performance, phenotypic plasticity and seed origin of major native and non native trees in Europe .

Duty station: Department for Forest Growth, Silviculture and Genetics of the Austrian Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BFW), Vienna.

Your Responsibilities

Within the framework of the project, the research associate will be responsible for developing provenance transfer model for various tree species based on provenance plot data and high-resolution environmental data. These approaches will be integrated into a spatially explicit DSS to support reforestation decisions.

Your Profile

The research activities will be carried out at the Austrian Research Centre for Forests (BFW) in collaboration with a scientific board. The successful candidate is expected to disseminate research findings in peer-reviewed journals, as well as through public engagements and other scientific platforms. Successful candidates will be supported and encouraged to undertake doctoral research within the project framework. An ideal candidate should have:

- Masters degree in forest sciences, ecology, botany, biogeography, genetics, geography with a demonstrated interest in climate change adaptation, forest growth, population genetics, and biogeography
- In-depth knowledge of forest ecology and autecology of tree species in Europe (native, non-native species important for forestry)
- Experience in statistical modeling and good knowledge of multivariate statistics
- Knowledge or experience in spatial analysis
- Good knowledge of programming languages such as R
- Experience with basic research principles and methods, data acquisition, and publishing.

- Scientific writing skills
- Strong written and verbal communication skills in English.
- German skills will be an advantage
- High level of self-organization and willingness to work in a team

Others

Located close to Schönbrunn Palace in the city of Vienna, our scientists and staff are committed to creating a workplace culture that respects and celebrates diversity and values the well-being of all employees. The gross monthly salary is at least EUR 2820.40 based on the salary scale for federal employees in evaluation group v1. Previous working experiences may increase the monthly income.

Reference is made to § 43 in conjunction with § 11b and § 11c of the Federal Equal Treatment Act, according to which women who are equally qualified as male applicants will be given preference.

If you are interested please send in your application including a cover letter detailing your motivation, CV and pdf copy of your master's thesis and published articles if any to silvio.schueler@bfw.gv.at and debojyoti.chakraborty@bfw.gv.at.

In case of further questions please **contact**:

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