

Biology and Preclinical Medicine

Scientific Programmer/ Data Scientist (m/f/d)

Professorship for Theoretical Ecology

The Theoretical Ecology Lab at the University of Regensburg focuses on theory and modelling, computer simulations, as well as statistics, data science and artificial intelligence in ecology, evolution, and conservation.

We offer:

- The option to work on interesting and diverse projects together with a young and dynamic team
- Advance your knowledge in cutting-edge AI methods
- An outstanding scientific infrastructure, excellent international networking, and a collegial working atmosphere
- Working in one of Germany's most popular cities

Your responsibilities:

- Programming and maintenance of scientific software, primarily in R, Python and C++
- Organization and maintenance of ecological data and databases
- Administration (Hardware / Software) of our infrastructure for scientific computing (CPU / GPU Servers)

Your profile:

- You hold a university degree in a quantitative science or equivalent qualifications
- Experience with collecting and analyzing scientific data, ideally this experience includes ecological data analyses
- Good programming knowledge, ideally in R, Python and C++
- Experience in the creation and maintenance of software projects, in particular R packages, and related tools such as GIT or CI
- Prior experience in statistics, numerical methods, machine learning and deep learning / AI is a bonus

Key points

Start: As soon as possible

Contact: Prof. Dr. Florian Hartig

Remuneration: TV-L E11, 100%.

The position is permanent

How to apply: by Dez 7th [here](#) or via the link below

The University of Regensburg is committed to increasing the proportion of women in teaching and therefore explicitly encourages qualified women to apply. The university is particularly committed to supporting the compatibility of family and career. For more information, see <https://www.uni-regensburg.de/universitaet/jobs-und-karriere/familien-service>. Applicants with severe disabilities will be given preferential consideration if they are equally qualified. Please indicate any severe disability in your application. Please note that we cannot reimburse any expenses you may incur in connection with an interview.

This is the English translation of a German job advertisement published by the University of Regensburg. Only the original German text (available via the link above) is legally binding.

The link to the German job advertisement and to our recruiting page is available at https://www.uni-regensburg.de/universitaet/aktuelles/nachrichten/nachricht/29-10-2025_we-are-hiring-4-phd-positions-and-one-ecological-data-scientist