



Advertisement of vacancy

The Leibniz Institute for Zoo and Wildlife Research (IZW) in Berlin is Germany's premier wildlife research institute, one of eight research institutes in the Forschungsverbund Berlin e. V., a member of the Leibniz Association and jointly funded by the German federal and state governments. The IZW focuses on the life histories and mechanisms of evolutionary adaptations of mammals and birds, their limits and their conservation in natural and anthropogenically influenced environments. The institute operates within the fields of evolutionary ecology, ecological dynamics, evolutionary genetics, wildlife diseases, reproduction biology and reproduction management.

Within the Department Ecological dynamics we offer a

scientist position (100 %)

“BioStatistician”

We are looking for a quantitative scientist with a proven track record in dynamical modelling of wildlife populations and communities in space and time. Specifically, we are looking for a BioStatistician with strong background in one or several topics such as network theory and analysis, dynamic species interaction models, expertise in the analysis of animal (re-)location data and data integration techniques. The candidate is supposed to support in-house projects with statistical advice and develop an own research agenda. The position also welcomes support in teaching duties.

Prerequisites:

- Completed university degree (PhD or Doctoral degree) in ecological theory or modelling, computational biology or bioinformatics, behavioural ecology, biology, biogeography or similar.
- A demonstrated ability to publish scientific papers and communicate results to a wider public.
- Excellent programming skills preferably in R, or Python and Julia, and other object-oriented languages such as C++, Delphi or Netlogo.
- A strong background in statistical analyses and spatio-temporal modelling; knowledge about Bayesian statistics is an advantage, familiarity and proven ability to use simulation models is a clear strength.
- High motivation and efficiency; ability to work independently and as part of a team.
- Proficiency in English (oral and written).

The Department of Ecological Dynamics focusses on understanding ecological dynamics in space and time and across gradients of human-altered environments. We use statistical modelling and spatially-explicit dynamic modelling to understand and better forecast wildlife responses to challenges at the population and community level (www.ecological-dynamics-izw.com/). With this aim, we also strongly seek to advance theory and methods. We offer a stimulating international research environment.

The position will start **January 1st, 2021** and is initially limited until **31st December, 2023**, with a possible option of tenure. Working hours comprise 39 hours per week (100 %) with salary and benefits according to TVöD (Bund). A later start is possible.

As member of the Leibniz Association, the Leibniz-IZW is an equal opportunity employer, determined to increase the proportion of women in successful scientific careers and particularly encourages women to apply. Preference will be given to disabled applicants with the same qualifications.

For enquiries or further questions please contact **Prof Dr Stephanie Kramer-Schadt** (Leibniz IZW) **Tel.: +49 (0)30 5168-714**, **email: kramer@izw-berlin.de**.

Please upload complete application with a motivation letter, CV and copies of relevant degrees, teaching and research portfolio (incl third-party funded research), list of publications and names and contact details of two referees by **November 23rd, 2020** at the latest via the IZW's (**www.izw-berlin.de**) online job-application facility (button "Apply online"). Interviews will take place in **early December 2020**.

We are looking forward to your application!