Czech University of Life Sciences Prague
Faculty of Environmental Sciences

Full time 2-year postdoc position in biodiversity science and macroecology

I offer a 2-year full-time postdoctoral position in macroecology, ecological statistics, biogeography, and spatial ecology. The candidate will join the small team of Dr. Petr Keil (https://petrkeil.github.io/website/) at the Dpt. of Applied Geography and Spatial Planning at the Faculty of Environmental Sciences of Czech University of Life Sciences in Prague, Czech Republic.

The postdoctoral project will be related to biodiversity and its patterns in space and time, and across spatial scales. The position is thematically flexible; in an ideal case we will find a topic that reflects both the candidate's and my interests, and that fits the department. I am interested in how biodiversity (and its facets) changes in time, which includes extinctions and invasions, their spatial and temporal scaling, and drivers of the change – check my website for more details. I have a broad taxonomic focus, we can work on terrestrial taxa (plants, vertebrates, insects), as well as freshwater, marine, or microbial groups. Elements of evolutionary biology, historical biogeography, or applied conservation issues are also attractive, and particularly welcome is a drive to cross discipline boundaries. Purely methodological and statistical topics are also great. Work done in my lab will be mostly computational, with emphasis on statistics and simulations (in R, Python, or similar) and geographic information systems (GIS). However, I am open to ideas for experiments and fieldwork.

I value originality, independence, and initiative, and I encourage applicants to **propose their own research ideas**. During the 2 years, the postdoc will have my support to work on their own grant or fellowship applications. Apart from dissemination of scientific results via journal publications and conferences, I expect the postdoc to participate on workshops and training, and there will also be teaching opportunities.

Requirements

- PhD in ecology, geography, zoology, botany, bioinformatics, biostatistics, environmental sciences, or related field. PhDs in mathematics, physics, or statistics are also interesting.

- Ability to publish in peer-reviewed journals.

- Experience with spatial/geographical data.

- Experience with statistical analyses and simulations in R, Python, or similar environment.

- **I aim to increase the diversity of my team**, and I welcome applicants of all genders, cultures, backgrounds, ages, or countries. I believe that a diverse team will broaden perspective and enhance creativity.

We offer

- **Gross salary of 50,000 CZK/month (1,886 EUR as of 9/9/2020)**, which is ca 36,500 CZK/month net, but the latter varies depending on family situation and other circumstances. Median salary in the Czech Republic at the end of 2019 was ca 31,000 CZK/month gross. Living costs are generally lower than in Western Europe (see https://www.sreality.cz/en for costs of accommodation).

- Medical insurance as a standard part of the employment contract.

- Bonus payments for high-quality publications.

- Resources for travel to conferences or workshops abroad. State of the art scientific equipment, software, access to journals and scientific databases.

- International working environment (the working language is English), green spacious campus in Suchdol in the outskirts of Prague, 30 min to Prague city center by public transportation or bike.

- **Starting date: November 2020 – February 2021**, later dates are negotiable.

Applications

To apply, please send me by email (keil@fzp.czu.cz), **in a single .pdf of less than 10 MB**:

- Motivation letter, including your ideas about what you'd like to work on, why do you see yourself as a good fit, and where do you see you and your research in the future.

- Your CV including your publications and any other relevant outputs (code repositories, reports, your personal website, …).

- Contact details for 2-3 academic referees, e.g. your former supervisor, boss, or collaborator.

Review of applications will begin on **15th of October 2020**, and will continue until the position is filled.