

## **Postdoctoral Position in Invasion Science**

Biodiversity Dynamics & Macroecology (BioM) research group,  
CNRS Lab of Ecology, Systematics & Evolution (ESE),  
University of Paris-Saclay, Gif-sur-Yvette, France

A postdoc position is available as a part of the project [InvaCost](#). The position will be supervised by Prof. [Ivan Jarić](#) in collaboration with the [BioM](#) research group and the international [InvaCost team](#). The candidate will be employed at the University of Paris-Saclay, France, within the [IDEEV](#) Institute and [ESE Lab](#).

**Research topic.** The overall aim of the InvaCost project is to provide scenarios of economic costs of biological invasions worldwide, based on meta-analyses and statistical models. The overall project aims to analyze and predict what impacts can be anticipated on both biodiversity and the economy. The project has led to the establishment of the world's largest database of economic costs of biological invasions. With more than 13,000 costs and 64 descriptors each, this database benefits from close collaboration with a growing international team of more than 140 experts in ecology and environmental economics from 44 countries. The position will involve statistical analyses of the economic costs of biological invasions, including extrapolations of observed costs, forecast of expected costs in the future, and their relationships with ecological and societal impacts. Successful applicants will be also free to pursue their own research program within the general aims of the InvaCost project.

**Required and preferred qualifications.** We are looking for an independent and highly motivated scientist, with a Ph.D. and a strong background in ecology and/or conservation, and excellent skills in data mining and statistical analyses. Experience in environmental economics is preferable, but not required. Proficiency in spoken and written English, and demonstrated scientific writing skills are mandatory. The candidate is expected to demonstrate high level of autonomy and initiative, good interpersonal skills and a strong sense of teamwork. Applications are particularly welcome from women and minority ethnic candidates who are under-represented in academic posts. Equally qualified applicants with disabilities will be given preference. BioM has committed itself to being a family-friendly research group, and supports their members in balancing work and family life.

**Duration:** This is a 1 + 1.5 years full-time fixed-term position (one-year probation period with further 1.5 years contract following positive evaluation), with the possibility of further extension depending on availability of funding.

**Salary and benefits.** Salary will be commensurate with the experience of the candidate, with net monthly salary ranging from 2400€ for a first position after the PhD to 3500€ for senior researchers. Social security and unemployment benefits from the French system are already included.



**Application process and timeline.** Interested candidates should send an email to Ivan Jarić ([ivan.jaric@universite-paris-saclay.fr](mailto:ivan.jaric@universite-paris-saclay.fr)) with: 1) a detailed CV, 2) a brief summary of research experience and interests, and 3) names and contact information of at least two references. Application material should be sent as soon as possible, but no later than the end of **March 2023**. Interviews with selected candidates will take place during the first half of April, and the position should start in **May 2023** (negotiable). Informal enquiries can be made to Prof. Ivan Jarić.

**About the University of Paris-Saclay.** Ranked 13<sup>th</sup> in the world in the last Shanghai University Ranking, and 1<sup>st</sup> in France, the University of Paris-Saclay's comprises no less than 15% of the French research, with 300 laboratories in all fields and more than 10,000 lecturers and researchers. It is located on the Saclay Plateau in the southern suburb of Paris. Institute IDEEV is located in a new building in the University campus, built in 2022, with many associated experimental facilities. It hosts over 400 research staff, covering a large span of research in Ecology and in Evolution.

