

Post-Doctoral Position in Biodiversity Conservation at the Research Centre in Biodiversity and Genetic Resources, Portugal

CIBIO – Research Centre in Biodiversity and Genetic Resources - is seeking to recruit **one post-doctoral researcher (Reference ICETA 2021-14)** to contribute to the project “EUROPABON - Europa Biodiversity Observation Network: integrating data streams to support policy (Reference N° 101003553)”, funded by the European Commission under the call H2020-SC5-33-2020: Monitoring ecosystems through research, innovation and technology (Project duration: 2021 – 2023).

European countries and regions have invested substantial amounts of resources into biodiversity conservation and knowledge. However, there continues to be limited availability at the EU-scale of harmonized, long-term, spatially explicit and regularly updated biodiversity data. This limits the uptake by policies and sectors that have an impact on biodiversity or that can mitigate biodiversity loss. The EuropaBON project builds on stakeholder engagement and knowledge exchange to: identify user and policy needs for biodiversity monitoring; design a Europe wide biodiversity monitoring system that integrates observations from multiple sources with models to produce datasets for Essential Biodiversity Variables and Essential Ecosystem Service Variables and associated knowledge tools.

CIBIO-ICETA is one of the 15 members of the project consortium (more info at <https://europabon.org/>) and we are participating in 3 different work packages: WP3 - Assessment of existing monitoring capability in Europe; WP4 - Co-Design of monitoring system; WP5 - EuropaBON showcases: from observations to policy support tools.

The selected candidate will be involved in the following activities:

1. A review of ongoing biodiversity monitoring programs and their characteristics at the EU- and national levels, followed by the identification of gaps (taxonomic, ecosystem representation, biogeographic representativeness, biodiversity components geographic, temporal) in the assessment of ecosystem condition, both scientifically and specially in regard to policy-specific requirements. The workflow bottlenecks and cost-effectiveness of existing monitoring schemes will also be analysed.
2. Participate in the design of a scheme for biodiversity monitoring in Europe, by improving existing monitoring schemes to become more representative, maximize benefits and become better integrated into wider biodiversity policy. Based on the use of Essential Biodiversity Variables (EBVs) and Essential Ecosystem Services Variables (EESVs) that can be feasibly included in a future European Biodiversity Observation Network, the new design will close existing temporal, spatial and thematic data gaps by integrating multiple monitoring sources with EBV modelling and various new technologies at national and European level, in dialogue with major stakeholders.

3. Develop research demonstrating, through showcases, the use of proposed methods in support of the Birds, Habitats and Water Framework Directives.

CIBIO conducts world-class research in the fields of biodiversity and evolution. It is an inclusive, equal opportunity employer offering attractive conditions and benefits. The Centre offers great opportunities for multidisciplinary research and hosts more than 30 research groups, which include over 160 PhD level researchers, and over 100 MSc and PhD students, from across the world. The Centre has state of the art ecology and molecular laboratories and conducts research projects at a global scale.

The successful candidate will work closely with Pedro Beja and Francisco Moreira, the core team of CIBIO-ICETA in the project. We are particularly interested in candidates with a track record in working on biodiversity and conservation biology, as well as experience or interest in the science-policy interface.

Essential experience, skills and characteristics

- PhD in ecology.
- Strong team-work and communication skills.
- Flexible, independent and pragmatic.
- Fluency in English.
- Good track record of publication in international journals.

Desirable experience, skills and characteristics

- Experience in biodiversity monitoring
- Experience on science-policy interface.

Terms and Conditions

- Uncertain term contract, with a minimum appointment of one year, renewable annually until the end of the project (30th November 2023)
- Contract at the level of Junior researcher, with the corresponding gross income
- Recipient must work at the offices of CIBIO, either at Campus de Vairão, Vila do Conde, or at Institute of Agronomy, Lisbon.
- Starting date as soon as possible after the selection of the candidate.
- ICETA – Instituto de Ciências, Tecnologias e Agroambiente da Universidade do Porto (ICETA-UP), on behalf of CIBIO.
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Application:

Applicants should submit:

- Detailed *Curriculum Vitae including a full list of publications*;
- A brief (2-pages) motivation letter.

Applications should be submitted at the electronic address <http://www.cibio.pt>, until 23/05/2021. The EUROPA BON project is available upon request to the mail address cibio.up@cibio.up.pt.

Evaluation:

Candidates will be evaluated by a selection panel including:

Chairman: Pedro Beja

Effective member: Francisco Moreira

Effective member: Paulo Célio Alves

Substitute member: Luís Borda de Água

Applicants will initially be evaluated based on their Curriculum Vitae and Publication Record (40%) and motivation letter (10%). A shortlist based on the evaluation of the written applications will be used to select candidates for interview, which will allow a final evaluation (50%).

Announcement of Results

The candidates will be directly informed by email about the result of their application. The ranking of the candidates will be published at a visible and public area at ICETA facilities.

Websites:

<http://cibio.up.pt/>

According to Regulation (EU) 2016/679 of the European Parliament and of the Council of 26 April 2016 (Data Protection Regulation (RPD)) and in order to guarantee the correct treatment of data, ICETA informs that when the candidate submits his application, the authorization by the candidate is implied, the collection and processing of the data provided in this recruitment process, as well as the publication of the results of the same, in accordance with the current legislation.