



(Centro de Investigação em Biodiversidade e Recursos Genéticos /CIBIO-UE)

### **Bolsa de Investigação (BI)**

31 de Outubro de 2016

**Cargo/posição/bolsa:** Bolsa de Investigação (Lic. ou Bacharel)

**Referência:** RECONCILE\_CIBIO\_2016

**Área científica genérica:** Environment and Global Change

**Área científica específica:** Ecology

#### **Resumo do anúncio:**

Research fellowship (bachelor or licentiate), within the project "*RECONCILE: Biodiversity Conservation, Global Change and Uncertainties: Reconciling Biodiversity Persistence and Human Development upon Dynamic Environments*", funded by Portuguese Foundation for Science and Technology and Compete (ref. PTDC/AAG-GLO/3979/2014).

#### **Texto do anúncio**

**Job:** fellowship

**Main research field:** Ecology

**Sub research field:** Conservation Biology and Climate Change

**Scientific area:** Biological Sciences

#### **Admission requirements:**

Candidates will be admitted when demonstrating:

- a Bachelor or licentiate degree title in Biology, Biogeography, Applied Mathematics or related areas;
- Basic experience in handling and digging into web-based ecological and socio-economic datasets;
- Basic skills in handling GIS tools (Quantum GIS, Arc GIS);
- Experience and/or motivation in introducing to quantitative modeling tools, especially R;
- Good oral and written English.

- Motivation, initiative and an open/ critical spirit to foster scientific challenges, particularly conceptual and quantitative analyses.

Preference will be given to candidates that are enrolled or in the process of writing a Master thesis (using a scientific manuscript format) under Spatial Conservation Planning and that have already experience in the up-mentioned requirements.

**Plan of work:**

The grant-holder will participate in the following tasks:

- Search for updated and freely available ecological, climatic and socio-economic datasets in the web;
- Data mining and distribution modeling of a set of species in Europe for the coming decades using the most recent climate change pathways;
- Run spatial prioritization software (e.g. Marxan, Zonation, MulTyLink) and perform analyses of results;
- Preparation (under close supervision) of a scientific paper to be submitted to an international peer reviewed journal.

**Applicable laws and regulations:**

A fellowship contract will be celebrated according to the regulations defined by FCT “Regulations for Advanced Training and Qualification of Human Resources”, in accordance with Law 40/2004, of 18 August, as amended and republished by Decree-Law No. 202/2012 of 27 August, and as amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of 29 January, and Decree-Law No. 89/2013 of 9 July, to Fellowships Regulation of FCT ([www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf](http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf)).

**Work:** The work will be developed at the CIBIO's offices in the University of Évora (Casa Cordovil), under the scientific supervision of Dr. Diogo Alagador.

**Duration of the scholarship (s):** The fellowship is for 12 months starting in January 2017.

**Value of monthly maintenance allowance:** The stipend is € 745 according to the Regulation of advanced training and qualification of human resources of the Portuguese Foundation for Science and Technology (<http://www.fct.pt/apoios/bolsas/regulamento.phtml>) This stipend will be paid monthly by check or bank transfer.

**Methods of selection:** A two phase evaluation will be undertaken. In the first phase a ranking of the curriculum vitae of the candidates will be performed based on the admission requirements (see above). In the second phase, the highest ranking candidates will be interviewed either personally or via Skype.

**Composition of the jury selection:**

Presidente: Doutor Diogo Alagador

1º vogal: Prof. Doutor Miguel Bastos Araújo

2º vogal: Prof. Doutor Jorge Orestes Cerdeira

1º suplente: Doutor José Herrera

2º suplente: Doutora Joana Vicente

**Application deadline and presentation of applications:** the competition is open from 18th November to 9th December 2016. Applications should be sent by email to Natália Melo (cibioue@uevora.pt). The application must include a 1-2 pages cover letter (in English) detailing (1) your current research interests and explaining why you think you are an adequate candidate for the post; (2) a short CV including the list of publications and relevant skills, (3) the names and contacts of two academics that can provide a reference for you and (4) academic certificate.

**Form of publicizing/notification of results:** The final candidate rank and selection will be published at the 'CIBIO-UE premises at Casa Cordovil (University of Évora) after 20th of December 2016. The candidates will be also notified by email of whether they were selected or not for the positions.

