



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

Post-doctoral research position announcement

Project: Using network theory to predict risk of invasion (PTDC/AAG-GLO/0463/2014)

04 de Abril de 2019

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Project: Using network theory to predict risk of invasion (PTDC/AAG-GLO/0463/2014) financed by FCT and co-financed by the FEDER, under the Operational Program Competivity and Internationalization (POCI)

Scientific Area: Ecology, Biology.

Background

The deliberate or accidental introduction of species outside their native range is one of the main components of anthropogenic-induced global changes. Biological invasions have been increasing in number and affecting larger areas, with deep reaching impacts on ecosystems, economic activity and human welfare. As a result, invasive species now rank among the top threats to global biodiversity, and annual monetary impacts of invasives are estimated at 120 billion € in the USA and at least €12 billion in Europe. This threat urges global and regional organisations, national governments and local agencies to implement improved and integrated strategies to counter existing invasions and prevent new ones.

Research environment:

The postdoc will be associated with Miguel Araújo Lab (www.maraujolab.com), while being physically located at the CIBIO-UE. The successful candidate will work in the context of a collaboration led by Luís Reino (CIBIO-InBIO) and involving a cohort of international scientists including Pedro Beja (CIBIO-InBIO) partners including Riccardo Scalera (IUCN), Daniel Sol (CSIC), David Richardson (Stellenbosch University), Diederik Strubbe (University of Copenhagen), amongst others.

Required background and skills:

Is acceptable for this post

Profile - PhD in Biology, Ecology, or related fields. Solid background in dispersal or network ecology with proven experience with environmental modelling, numerical analysis of ecological data, and /or macroecology. Good programming skills, particularly in the R/Python environment, are a must.

Language: English as a first or second language is required.

Publication record: Candidates are expected to have a good publication record in internationally refereed journals.

Working Plan: The successful candidate will integrate a large cohort of researchers working on invasion biology of birds globally, and will endeavour to model risk of bird invasion using information on networks of bird trade, as well as environmental and socio-economic predictors.

Legislation framework: 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).

Place of work: CIBIO/InBio – University of Évora

Duration and Starting date: 6 months, starting in July 1, 2019

Stipend: Monthly stipend is €1509,80 according to the stipends established by FCT, I.P. in Portugal (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>) plus social security. Payment will be made by bank transfer on a monthly basis.

Evaluation Methods: Evaluation will be based on academic qualifications (25%), motivation and interest in the project (25%), demonstrated experience and skills in relevant areas (50%). There may be resorting to interviews. The jury reserves the right to not select any candidate, if submitted applications do not meet the required profile.

Evaluation Panel: Dr. Miguel Bastos Araújo, Dr. Luís Reino, Dr. Diogo Alagador and Dr. Miguel Matias

Results: The final results will be affixed in a visible and public place at CIBIO-University of Évora and candidates will be notified by email.

Application: the competition is open from 8th May to 21th May 2019. Applications should be sent by email to Ana Rita Ferreira (cibioue@uevora.pt). The application must include a cover letter (in English) explaining why you think you are an adequate candidate for the post, a short CV (please no more than 5 pages), external links to five of your most relevant papers, academic certificate and the names and contacts of two academics that can provide a reference for you.