

**RESEARCH GRANT (BM) (1 vacancy)**

**Reference: MarRISK/BI-MSc/2018-084**

A competition is open for the attribution of 1 Research Grant in the framework of the **MarRISK - Adaptação costeira face às mudanças climáticas: conhecer os riscos e aumentar a resiliência com a referência 0262\_MARRISK\_1\_E, financiado pelo Programa EP - INTERREG V A Espanha Portugal (POCTEC), através do Fundo Europeu para o Desenvolvimento Regional (ERDF)**, according to the following conditions:

**1. Scientific area:** Environmental Sciences

**2. Admission requirements**

- i) The candidates must hold a BSc in Biology and a Master in the field of Ecology or related fields, with classification higher than 16 values (in 20);
- ii) Large technical and scientific training on cartography and geographical information system (GIS), habitat spatial analysis, proven experience using ArcGIS/QGIS software;
- iii) Knowledge on ecosystem services and natural capital assessment and mapping; certified experience using InVEST software;
- iv) Experience in aquatic sampling surveys, analytical techniques of water quality, plankton sampling and laboratorial procedures;
- v) It is appropriate that candidates have a driving license
- vi) available to work flexible hours

**3. Work plan:**

The activities to be developed at CIIMAR are integrated in the project MarRISK - Adaptação costeira face às mudanças climáticas: conhecer os riscos e aumentar a resiliência com a referência 0262\_MARRISK\_1\_E, funded by Programa EP - INTERREG V A Espanha Portugal (POCTEC) and (ERDF), and focus on the assessment of ecosystem services provided by sand dunes habitats along the NW

coast of Portugal. The work plan includes an initial phase dedicated to the compilation and processing of data related with geomorphological and oceanographic conditions of the study area. After, the main ecosystems services and societal benefits provided by sand dunes habitats will be assessed and mapped using state-of-the-art models like InVEST models, namely Coastal Protection and Coastal Vulnerability models to test different scenarios (protection/non-protection scenarios, future hydrodynamic scenarios) related to climate change. In addition, the work plan also includes processing and analysing data and preparation of technical outputs considered in the project.

#### **4. Legislation and official rules:**

Law nº. 40/2004, 18th August (Research Fellowship and Studentship Regulation) and amended by Law No. 202/2012, 27th August; Regulations for Studentships and Fellowships of the Fundação para a Ciência e a Tecnologia, I.P. and CIIMAR Grants Regulation.

#### **5. Work place:**

The work will be carried out at CIIMAR, EcoBioTec Group, under the scientific supervision of Dr. Sandra Ramos.

#### **6. Duration of the grant:**

Duration of six (6) months, starting December 2018, under the regime of exclusive dedication, eventually renewable according to legal terms.

#### **7. Monthly maintenance stipend:**

The monthly maintenance allowance is €980 (nine hundred and eighty Euros – Tax Free), in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country (<http://www.fct.pt/apoios/bolsas/valores.phtml.en>).

#### **8. Selection methods:**

The first ranking of candidates will be performed after a CV evaluation based on:

- Evaluation of the Curriculum Vitae: 40%;

- Experience in the research field: 60%.

If necessary an interview will be done to the three top candidates, after which a final ranking will be performed based on:

- CV evaluation: 50%;
- Interview: 50%.

The jury reserves the right to not assign the research grant if none of the candidates meets all requirements and match the desired profile.

### **9. Composition of the jury selection:**

President of the jury: PhD Sandra Ramos

Vogal: PhD Ana Paula Mucha

Vogal: PhD Maria de Fátima Carvalho

### **10. Form of Advertising/notification of results:**

The final results of the evaluation will be published through a list sorting the candidates according to their attributed mark, on the CIIMAR website and by e-mail; in case of disagreement, the candidates have a 10-working day term to contest the decision, if he/she so wishes, as provided for in the Código do Procedimento Administrativo in a preliminary hearing setting.

### **11. Deadline for application and presentation of applications:**

The competition is open from **23 November until 6 December 2018**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae in English and Portuguese including e-mail address and phone number, and mentioning clearly the academic grades and the relevant research experience;
- copy of the eligibility certificates
- motivation letter
- reference contact information of current and past supervisors
- contact e-mail address and phone number

- indication of the reference of the competition (as indicated in this announcement)

The applications must be sent by postal mail to Secretariado, CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental, Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos s/n, 4450-208 Matosinhos and simultaneously by e-mail to: [secretariado@ciimar.up.pt](mailto:secretariado@ciimar.up.pt). The applications that **do not include all** the elements previously indicated will **not be considered**.