

Research Grant (BI) (2 vacancies)

Reference: 2022_081_BI_ATLANTIDA

A competition is open for the attribution of two Research Grants in the context of the project *ATLANTIDA – Plataforma de monitorização do Oceano Atlântico Norte e ferramentas para exploração sustentável dos recursos marinhos*, funded by the CCDRN (NORTE 2020), reference NORTE-01-0145-FEDER-000040, within the R & D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), supported by the European Research Executive Agency (REA), according to the following conditions:

- 1. Scientific area:** Biology, Marine Sciences, Environmental Sciences and related areas.
- 2. Admission requirements:** The candidate must hold a bachelor degree and meet the requirements below:
 - a) be enrolled in a Master program/Integrated Masters at the time of application or in a non-academic degree courses integrated in the educational project of a higher education institution developed in association or cooperation with one or more R&D units, until the signature of the contract;
 - b) have Diving certification;
 - c) have experience with in-situ sampling and monitoring of intertidal and subtidal rocky shore organisms, preferably seaweed and marine invertebrates;
 - d) have experience with experimental marine biology, namely eco-physiological experiments on climate change;
 - e) EU valid driver's license is required.

Preference will be given to candidates with:

- Experience with statistical modelling and species distribution modelling in R, knowledge of GIS basics.
- Post-graduation in Scientific Diving and proven experience in scientific diving and underwater fieldwork;
- Boat license (as higher the better);
- Good knowledge in English and Portuguese (written and spoken);
- Experience in using data analyses software (such as R language);
- Track record in preparing and publishing scientific and technical reports and peer reviewed publications.

The jury reserves the right to close the application in case none of the candidates meets the desired profile.

Note: In the case of enrolment in courses that do not confer academic degree, the research grant can only be awarded to those who do not exceed, with the signing of the research grant contract

in question, including possible renewals, an accumulated period of two years in this type of grant, consecutive or interpolated.

Academic degrees awarded by a foreign higher education institution must comply with the provisions of Decree-Law no. 66/2018 of 16th August, which approves the legal regime of recognition of academic degrees and diplomas of Higher Education, attributed by foreign higher education institutions, being any formalities established therein fulfilled **only by the date of the contracting act**.

3. Work plan: The selected candidates will join our team under the ATLANTIDA project. The candidate will be enrolled in the Global change, marine and estuarine biological systems research line, and participate actively in activities aiming to depict on the mechanistic role of global/climate change as a driving force of biological change in coastal habitats, through surveys and experimental approaches that acknowledge the functional role of the seaweed and marine invertebrates' species in their local context. This information will be used to develop new tools like predictive species distribution models that incorporate biological processes, and species/assemblages' vulnerability maps to contribute to the management of coastal ecosystems towards climate change. For these, the candidates will participate in field surveys, at intertidal and subtidal rocky shores, in eco-physiological experiments towards climate change drivers, in the modelling support and writing reports/publications. Complementarily the candidate will participate in the communication activities of the project.

4. Legislation and official rules: Law nº. 40/2004, 18th August (Research Fellowship and Studentship Regulation) in its current version; Regulations for Studentships and Fellowships of the *Fundação para a Ciência e a Tecnologia, I.P.* and CIIMAR Grants Regulation approved by FCT.

5. Work place: The work will be carried out at CIIMAR, Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, 4450-208 Matosinhos, integrated in *Benthic Ecology* Team, under the supervision of Francisco Arenas.

6. Duration of the contract: Duration of 6 (six) months, renewable according to the project duration and conditions, with a provisional start on November 2022, under the regime of exclusive dedication.

7. Monthly salary: The monthly maintenance allowance of 875,98 € (eight hundred and seventy-five euros and ninety-eight cents), in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country: https://www.fct.pt/apoios/bolsas/docs/Tabela_de_Valores_SMM_2022.pdf. Payment will be made by bank transfer. In addition to this allowance, the grantee will be covered by a personal accident insurance.

8. Selection methods: The contract will be awarded based on the candidates' academic curriculum and technical skills. The ranking of candidates will be performed by a global evaluation of their scientific and curricular achievements (1 - 10 values):

The candidates' score will be the sum of the evaluation of:

1. Merit of the academic curriculum in the scientific area and relevance to the project work plan. Weight: 40%.
2. Experience relevant for the scientific area and the project work plan: Weight: 60%. The candidates will be ranked according to the following criteria:

- Experience with in-situ monitoring of intertidal/subtidal rocky shore organisms, desirably seaweeds 30 %;
- Experience with experimental biology, desirably with eco-physiological experiments, 30%;
- Participation in projects, publications, reports and relevant conferences, 20%;
- Motivation letter and additional information, 20%;

The evaluation process may include an interview by video conference to the top two candidates, with the propose of clarifying aspects related to the research results, and motivation towards the project, in case of insufficient curricular information for a decision making. In such case, the interview will have a weight of 10% and the previous assessment a weight of 90%.

9. Composition of the jury selection:

President of the jury: Dr. Francisco Arenas

Vogal: Dr. Cândida Vale

Vogal: Dr. Marina Dolbeth

Substitutes

Dr. Ana Bio

Dr. Patrícia Cardoso

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; After the announcement of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 working days after that date, as provided for in the *Código do Procedimento Administrativo*. The jury reserves the right to not assign the grant depending on the quality of the applications.

In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.

11. Deadline for application and presentation of applications: The competition is open from **13 until 26 october 2022**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae with clear specification of i) peer reviewed publications, books and/or reports proof the experience in the above-mentioned fields ii) list of the computer skills (software and/or programming languages for simulation and data analysis)
- copy of the eligibility certificates;
- motivation letter;
- one or more reference contact information of current or past supervisors;
- contact e-mail address and phone number;
- indication of the reference of the competition (as indicated in this announcement);
- any other documents that the candidates may recognize as relevant to demonstrate the adequacy to the function.

The applications must be sent by e-mail to: rh@ciimar.up.pt and farenas@ciimar.up.pt, with the reference “2022_081_BI_ATLANTIDA” in the subject line. The applications that **do not include all** the elements previously indicated will **not be considered**.

12. Non-discrimination and equal access policy: CIIMAR actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

Pursuant to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication/expression means to be used during selection period on their application form, under the regulations above.