Public Notice - International Selection Procedure

Recruitment of a Research Technician with a Bachelor Degree (employment contract)

FCiências.ID/2025/IDL/2

FCiências.ID - Associação para a Investigação e Desenvolvimento de Ciências, through its President of the Administration Board, hereby announces the opening of an international call for the recruitment of a Research Technician with a BSc Degree, of the FCiências.ID Science and Technology Management Career, within the scope of the project "*Serviços especializados para a execução e análise de simulações de modelos numéricos do oceano e da atmosfera*" , from Faculdade de Ciências da Universidade de Lisboa (Ref. CPS61/2024), funded by National public entities (IPMA), in the form of a(n) full-time indefinite duration fixed-term employment contract , according to the Portuguese Labour Code and complementary legislation.

I. Admission Requirements

Portuguese nationals, foreign and stateless persons may submit applications to this selection procedure, with a BSc degree[*] in Geophysical Sciences, Physics or Engineering, and fully comply with the following requirements:

a) Knowledge of programming languages - information provided in the CV and/or motivation letter;
b) Experience in data processing and analysis - information provided in the CV and/or motivation letter.

[*] Please note that Degrees obtained in foreign countries need a Portuguese Recognition issued by a Portuguese high degree Institution, according to the Decree-Law nr. 66/2018, of August 16th and the Ministerial Order nr. 33/2019, of January 25th. The presentation of such Recognition is mandatory for contract signature. More information can be obtained in: https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition.

II. Preferential Requirements

a) Knowledge and experience in acquiring and analyzing ocean and/or atmosphere data - information provided in the CV and/or motivation letter;
b) Knowledge and experience in programming with Python, MATLAB, or R for processing and visualizing large files (NetCDF) - information provided in the CV and/or motivation letter.

III. Applicable Law

1. Portuguese Labour Code, as approved by Law No. 93/2019, of September 04th, in its current version (CT);
2. Administrative Procedure Code, as published in Decree-Law No. 4/2015, of January 7th, in its current version (CPA).

IV. Work plan

The PRR C21-i07_01 project (hereinafter referred to as PRR EÓLICAS) aims to carry out the environmental characterization of areas established for the installation of infrastructures for offshore wind energy generation by the Oceanic Renewable Energy Allocation Plan (PAER) in Mainland Portugal.
The studies to be carried out during the project "*Serviços especializados para a execução e análise de simulações de modelos numéricos do oceano e da atmosfera*" are intended to contribute with relevant information for the development of the offshore wind farm project and to produce relevant reference information for defining the scope of future environmental impact study(ies). The studies to be developed include the chemical characterization of the water column and sediment, larval circulation and dispersion patterns, primary and secondary productivity, benthic, demersal, pelagic marine fauna communities, birds, mammals and reptiles, biodiversity, the food chain and the ecological quality and conservation

status of vulnerable ecosystems and species. The relative importance of fishing activities in the areas for the installation of wind farms will also be studied. The studies are based on historical and bibliographic data and on new data to be collected in the regular monitoring campaigns carried out by IPMA and in the project campaigns. The data are managed, stored and visualized in the IPMA SOMOSATLÂNTICO and GIS platforms.

The work and activity plan of the person to be hired is as follows:

a) Characterization of the wind field at wind farm locations using simulations with the regional atmospheric model WRF;
b) Analysis of simulations produced with the regional ocean model CROCO;
c) Comparison of ocean model results with in-situ data and satellite data;
d) Characterization of oceanographic conditions in the wind farm areas, with a primary focus on the characterization of current, temperature, and salinity fields, and the identification of mesoscale structures such as eddies and filaments, particularly stationary structures appearing in mean fields, which may undergo changes due to localized wind field alterations;
e) Preparation of a report with the task results.

V. Composition of the Jury

The members of the jury are:

- President - Álvaro Peliz (IDL);
- 1st Member of the jury - Ana Machado (IPMA);
- 2nd Member of the jury – Ricardo Tomé (IDL);
- 1st Alternate Member of the jury - Ana Moreno (IPMA);
- 2nd Alternate Member of the jury – Alexandra Silva (IPMA).

VI. Place of work

Work will be developed at the facilities of Research Center IDL – Institute Dom Luiz, with regular visits to. IPMA - Portuguese Institute for the Ocean and Atmosphere, in Lisboa.

VII. Contract Duration

The full-time indefinite duration fixed-term employment contract, is expected to start in February 2025, and will last until the Work Plan referred to in section IV is completed. It will have an expected duration of 17 months , will not exceed the limits set in the RCD, including an initial experimental trial period of 30 days.

VIII. Monthly Allowance

The gross monthly salary corresponds to 1.442,57 Euros , on a full-time regime , which complies with one of the Levels of the Salary Table (NTS) for a Research Technician, in step 5 level 16, equivalent to the same level of the Single Remuneratory Table, as approved by Government Order No. 1553-C/2008, of December 31st, in its current version, on which legal discounts will apply, plus holiday and Christmas allowances, as well as food allowance in the amount and conditions set out for workers with a legal employment relationship under the Labour Code.

IX. Evaluation of applications

1. Failure to comply with the Admission Requirements implies the non-admission of candidates in absolute merit.

2. The final classification of candidates is given on a scale of 0 to 100%.

3. Based on the assessment of the candidates' scientific and curricular background in the last five years, each member of the jury presents a justified proposal for admission (final classification equal to or greater than 60%) or exclusion (final classification below 60%) for each candidate, according to the evaluation criteria referred to in no. 4.

4. Evaluation of the relative merit of candidates, will rely on the following criteria:

   a) Knowledge and experience in programming in Python, Matlab, or R (30%);
   b) Knowledge and experience in analyzing ocean and/or atmosphere data (30%);
   c) Degree in meteorology and/or oceanography (20%);
   d) Motivation letter (10%);
   e) Scientific publications in the area of the competition (10%);
   f) Interview if considered necessary by the jury – 20%.

5. The jury may decide to interview the 3 best ranked candidates [in criteria a) to e) of no. 4], for clarifications and improved explanations of curricular elements. If there is an interview, the sum of the classification obtained in the evaluation criteria a) to e) will correspond to 80% of the final classification and the interview will correspond to 20%.

6. The jury shall deliberate by means of a roll-call vote based on the evaluation criteria.

7. Minutes of the jury meetings are drawn up, summarizing all relevant elements considered by jury members, as well as their individual votes and justifications.

8. After completion of the evaluation process, the jury will draw up a ranking of successful candidates with their classifications.

9. Hiring will be decided by the Chairman of the Board of Directors of FCiências.ID, based on the final jury recommendation.

10. The evaluation results will be published on the website of the FCiências.ID ("Concursos" tab). The candidates will be individually notified of the evaluation results by e-mail sent to the address indicated in the "Personal Data" section of the submitted form.

11. With the notification referred to in no. 10, the hearing phase of interested parties referred to in Article 121 *et seq.* of the CPA will begin, and last for ten working days.

12. The possible pronouncement of the candidate in a prior hearing must be addressed to the President of the jury and submitted in writing to concursos@fciencias-id.pt. The President of the jury will convene a jury's meeting to produce the final decision, within thirty working days.

13. Within five working days of the final jury decision, the Chairman of the Board of Directors of FCiências.ID will approve it and the candidates will be notified.

14. The communication between FCiências.ID (concursos@fciencias-id.pt) and the candidates will be electronic and will comply with the following rules:

   a) At the time of electronic submission of any document - namely in the case of no. 12 - the candidates must generate proof of "sent message".
   b) FCiências.ID will send an email message acknowledging documents received to the email address used by the candidates, within two working days.
   c) In case of absence of a confirmation receipt by FCiências.ID – showing the possibility of technical problems that should neither be the responsibility of the candidate nor FCiências.ID - the candidates should contact FCiências.ID, with the proof referred to in point (a), to ensure delivery and proper receipt of the documents concerned.

X. Processing of personal data

1. FCiências.ID - Associação para a Investigação e Desenvolvimento de Ciências, as the responsible for processing the personal data, in accordance with the General Data Protection Regulation, collects and processes the personal data requested in the context the job application, under paragraphs b) and c) of Article 6.1 of the General Data Protection Regulation (RGPD).

2. The personal data shall be kept for the period necessary for the execution of the purposes for which they are intended, and the processing and protection, in an appropriate and diligent manner, of the confidentiality and integrity of such data shall be ensured through appropriate technical and organisational measures.

3. Personal data may be transmitted to third parties, namely the entity funding the research project, solely for the purposes specifically established. In this sense, whenever necessary the transfer of personal data to countries outside the European Union and/or international organizations, compliance with the applicable legal provisions shall be ensured.

4. You have the right to request access, rectification, erasure, limitation of processing, the right to object and also data portability (if technically feasible) by sending an e-mail to: dpo@fciências-id.pt. You also have the right to lodge a complaint with the National Data Protection Commission.

5. For more information, we recommend that you consult the Internal Rules of Data Protection of FCiências.ID - Association for Research and Development of Sciences at https://fciencias-id.pt/.

XI. Compliance with public policies

1. FCiências.ID actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, disadvantaged or deprived of any right or exempt from any duty due to, inter alia, ancestry, age, sex, sexual orientation, marital status, family status, economic situation, education, social origin or condition, genetic heritage, reduced working capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological beliefs and trade union membership.

2. Under the terms of D.L. No. 29/2001, of February 3rd, a disabled candidate has a preference in equal classification, which prevails over any other legal preference. Candidates must declare their respective degree of disability, the type of disability and the means of communication / expression to be used in the selection process, under the terms of the above-mentioned diploma.

XII. Submission of Applications

1. The present call will be open from the 24th of January 2025 to the 6th of February 2025 .

2. The application and all the required documents must be submitted in Portuguese or English.

3. Applications will be submitted online, through the electronic platform of FCiências.ID http://concursos.fciencias-id.pt.

4. On the electronic platform, applicants will complete a mandatory section on Personal Data [name, address, date of birth, contact email, nationality and scientific identifiers] and upload files with the documents listed below:

   i. Detailed *curriculum vitae* in PDF format - *mandatory;*
   ii. A motivation letter clearly demonstrating that the candidate has an adequate profile for the position and fully complies with the Admission Requirements - *mandatory*;
   iii. Reference letter(s) (maximum 1) - *optional;*
   iv. Digital copies of documents proving formal academic degrees required in the call and/or other scientific and professional qualifications - original documents must be provided in case of actual recruitment - *mandatory*;
   v. Other documents that candidates consider relevant for the assessment of their scientific merit, or to declare the personal situation in the cases covered in section XI-2 of this Notice - *optional*.

5. By decision of the Chairman of the Board of Directors of FCiências.ID, candidates who do not submit the documents identified in no. 4 will not be admitted to the call. In case of doubts, the Chairman may also invite candidates to substantiate specific data or statements with official supporting documents, before accepting the candidates' submission.

This Public Note was approved by the jury on the 23rd of January 2025.