

#4225

Public Notice - International Selection Procedure

PhD Scientific Researcher Recruitment (Initial Stage Researcher)

FCiências.ID/2023/DL57/IDL/2

FCiências.ID - Associação para a Investigação e Desenvolvimento de Ciências, through its Chairman of the Board of Directors, hereby announces the opening of an international call for the recruitment of a Scientific Researcher with a PhD degree, in the category of Initial Stage Researcher, of the FCIências.ID Scientific Research Career, within the scope of the project DHEFEUS: Droughts, heatwaves, and fires: Exploring compound and cascading hazards and their impacts in air quality at the European scale under a climate change perspective (Ref. 2022.09185.PTDC), financed by Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC), in the form of an indefinite duration fixed-term employment contract, on an exclusive regime, according to the Portuguese Labour Code and Decree-Law No. 57/2016, of August 29th, as amended by Law No. 57/2017, of July 19th.

I. Admission Requirements

Portuguese nationals, foreign and stateless persons may submit applications to this selection procedure, provided they hold a doctoral degree¹ in Earth Sciences or similar areas with expertise in the field of climatology and/or extreme events and/or wildfires and/or climate change modelling, and fully comply with the following requirements:

- a) The PhD must have been granted at least 1 year ago;
- b) Demonstrated scientific and/or professional experience in the area of numerical modelling, extreme events and wildfire's atmospheric drivers - information provided in the CV and/or in the motivation letter;
- c) Experience in big data acquisition and processing - information provided in the CV and/or in the motivation letter;
- d) Experience in multivariate statistical analysis - information provided in the CV and/or in the motivation letter;
- e) Demonstrated in-depth knowledge of programming languages (e.g. Python) - information provided in the CV and/or in the motivation letter;
- f) Demonstrated scientific experience in the aforementioned topics by a minimum number of three (3) publications as 1st author in international scientific journals in the scientific areas of this call for applications - information provided in the CV and/or letter of motivation;
- g) Fluency in English language (written and spoken) - information provided in the CV and/or in the motivation letter.

¹ 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) R&D activity experience in compound events and wildfires - information provided on the CV and/or in the motivation letter;
- b) Experience in the participation in national and/or international scientific projects in the scientific areas of this call for applications - information provided on the CV and/or in the motivation letter;
- c) knowledge and expertise in Python programming language - information provided in the CV and/or in the motivation letter.

III. Applicable Law

1. Decree-Law No. 57/2016, of August 29th (RCD), in the wording conferred on it by Law No. 57/2017, of July 19th (RCD);
2. Portuguese Labour Code, as approved by Law No. 7/2009, of February 12th, in its current version (CT);
3. Regulatory Decree No. 11-A/2017, of December 29th;
4. Administrative Procedure Code, as published in Decree-Law No. 4/2015, of January 7th, in its current version (CPA).

IV. Work plan

The work plan to be executed includes the following tasks:

- 1) Pre-processing, modelling and analysis of climatic and non-climatic data;
- 2) Analysis of extreme weather events (single or compounded);
- 3) Analysis of wildfire characteristics and drivers;
- 4) Development of a compound events' approach to analyse weather, wildfires and pollution events under current and climate change perspectives;
- 5) Preparation and participation in project meetings and subsequent actions;
- 6) Publication of results in peer-reviewed scientific journals and other means;
- 7) Participation in dissemination activities, communication and involvement of project agents.

The work plan is included in tasks 1, 2, 3, 5 and 7 of project DHEFEUS.

V. Composition of the Jury

In accordance to article 13 of the RCD, the members of the jury are:

- President - Dr. Ana Russo;
- 1st Member of the jury - Professor Dr. Célia Gouveia;
- 2nd Member of the jury - Professor Dr. Ricardo Trigo;
- 1st Alternate Member of the jury - Professor Dr. Carlos Camara;
- 2nd Alternate Member of the jury - Professor Dr. Pedro M. Soares.

VI. Place of work

Work will be developed at the facilities of Research Center IDL – Institute Dom Luiz, in Campo Grande, Lisboa, Portugal.

VII. Contract Duration

The full-time indefinite duration fixed-term employment contract, on an exclusive regime, is expected to start in April 2023, and will last until the Work Plan referred to in section IV is completed. It will have an expected duration of 24 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 is stipulated in clause 1 a) of article 15 of the RCD, corresponding to level 33 of the Single Remuneratory Table, as approved by Government Order No. 1553-C/2008, of December 31st, in its current version, updated by the decree-law nr. 84-F/2022, of December 16th, being 2206,05 Euros, on an exclusive regime, 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. According to article 5 of the RCD, the selection of the candidates approved in absolute merit will rely on the evaluation of their scientific and curricular achievements in the last five years, taking into consideration the quality and relevance of the scientific production, and the professional activity indicated as more relevant by the candidate, within the scope of the project DHEFEUS.
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 75%) or exclusion (final classification below 75%) for each candidate, according to the evaluation criteria referred to in no. 5.
4. The final classification of candidates is given on a scale of 0 to 100%.
5. Evaluation of the relative merit of candidates, will rely on the following criteria:
 - a) Scientific publications in the area of this call - 40%;
 - b) Letter of motivation - 5%;
 - c) Participation in scientific projects in the area of this call - 30%;
 - d) Assessment of the references provided by the candidate - 5 %;
 - e) Knowledge dissemination activities, namely in the context of promoting practices, organization of courses, seminars and conferences for promotion and dissemination in the area of this call - 10%;
 - f) Interview - 10%.
6. The jury will interview all the admitted candidates, in order to obtain additional information and/or clarifications and improved explanations of curricular elements
7. The jury shall deliberate by means of a roll-call vote based on the evaluation criteria.
8. Minutes of the jury meetings are drawn up, summarizing all relevant elements considered by jury members, as well as their individual votes and justifications.
9. After completion of the evaluation process, the jury will draw up a ranking of successful candidates with their classifications.
10. Hiring will be decided by the Chairman of the Board of Directors of FCiências.ID, based on the final jury recommendation.
11. 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.
12. With the notification referred to in no. 11, the hearing phase of interested parties referred to in Article 121 *et seq.* of the CPA will begin, and last for ten working days.
13. 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.
14. 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.
15. 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. 13 - 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. 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.

XI. Submission of Applications

1. The present call will be open from the 16th of March 2023 to the 29th of March 2023.
2. The application and all the required documents may be submitted in Portuguese or English.
3. Applications will be submitted online, through the electronic platform of FCIências.ID (<http://concursos.fcencias-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. Up to five publications relevant for the objectives of the Work Plan - *mandatory*;
 - iv. Digital copies of documents proving formal academic degrees (PhD) 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 X-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 15th of March 2023.