

#4863

Public Notice - International Selection Procedure
PhD Scientific Researcher Recruitment (Initial Stage Researcher)

FCiências.ID/2025/DL57/cE3c/1

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 Scientific Researcher with a PhD degree, in the category of Initial Stage Researcher, of the FCiências.ID. Choose a career Career, within the scope of the project “WISEGUM: O uso de água em plantações de *Eucalyptus globulus* - explorar a coexistência de espécies lenhosas e as implicações para uma gestão sustentável” (Ref. 2023.15372.PEX), financed by Fundação para a Ciência e a Tecnologia, I.P. through national funds in the framework of the Call for Exploratory Projects in All Scientific Fields 2023, 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 degree* in Biology or related areas, specialising in Ecology, and fully comply with the following requirements:

- a) Proven experience in studies of the ecology of *Eucalyptus globulus* - information provided in the CV and/or motivation letter;
- b) Experience in participating in projects in the area of Plant Ecology - information provided in the CV and/or motivation letter;
- c) Knowledge of stable isotope techniques and methodologies - information provided in CV and/or motivation letter;
- d) Proven scientific experience in the above-mentioned subjects, demonstrated by the quality and number of scientific articles (minimum of 3) published in peer-reviewed scientific journals - 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) Experience in carrying out work on the Ecology and Management of *Eucalyptus globulus* - information provided in the CV and/or motivation letter;
- b) Aptitude for data processing in R, statistics and scientific writing, demonstrated by publication as 1st author in international scientific journals - information provided in the CV and/or motivation letter;
- c) Proven experience in collaborating and participating in national and/or international scientific projects in the scientific areas of this call, namely focused on Plant Ecology and Ecological Restoration, demonstrated by participation in project teams, and/or co-authorship of scientific publications and/or co-authorship of project reports - information provided on the CV and/or in the letter of motivation;
- d) Experience in organising scientific events (e.g. workshops, congresses, symposia) - information provided in the CV and/or motivation letter;
- e) Knowledge of sample preparation techniques for stable isotope analysis, in particular water extraction (via CVD) and preparation of organic matter samples (e.g. leaves and soils) - information provided in CV and/or motivation letter;
- f) Motivation and aptitude to carry out field work, in particular soil and plant sampling and plant ecophysiology measurements - information provided in CV and/or motivation letter;

- g) Proven experience in dissemination activities in the scientific area(s) of this competition - information provided in the CV and/or motivation letter;
- h) Proficiency in Portuguese and English (written and spoken) - information provided in the CV and/or letter of motivation.

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

In eucalyptus plantations, the complex interactions and water use strategies between different types of plantations (i.e. coexistence or not with other woody species) and associated with contrasting climatic conditions are not yet fully understood. In addition to the amount of water used, there is a gap in knowledge about which water sources species depend on. In this context, water source use patterns are a crucial topic to be studied in eucalyptus plantations. The WiseGUM project aims to: determine the preferred water source, whether competition for water resources occurs when other woody species coexist; and assess how the use of water sources influences plant vitality under different climatic conditions. This project aims to evaluate the dynamics of water resources between *E. globulus* and other (native) woody species that coexist and their seasonality in contrasting climatic conditions. Through collaboration between CE3C-FCUL and RAIZ, and focussing on Portuguese plantations, tasks will be carried out aimed at understanding i) the seasonal use of water sources by woody species, assessing partitioning between species, ii) studying the ecophysiological responses and water use strategies of woody vegetation, determining physiological dependence on specific sources, and iii) proposing suggestions for sustainable management alternatives in these systems.

The work plan to be carried out includes the following tasks:

- 1) Organisation of data characterising the sampling sites, implemented in three eucalyptus groves and two contrasting climatic zones in Portugal;
- 2) Preparation for and participation in project meetings and subsequent actions;
- 3) Collecting soil and plant samples and carrying out physiological measurements on plants at the study sites;
- 4) Laboratory preparation of samples for isotopic analyses (of water using the CVD method; and of leaves using grinding and encapsulation);
- 5) Data processing, modelling and statistical analysis (including multivariate approaches, and isotopic data processing);
- 6) Integration of data and development of results, including publication of results in refereed scientific journals and other media;
- 7) Participation in dissemination, communication and stakeholder involvement activities (including the preparation and organisation of the final project workshop).

The work plan is included in tasks 2, 3 and 4 of the WiseGUM project

V. Composition of the Jury

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

- President - Cristina Máguas;
- 1st Member of the jury - Cristina Antunes;
- 2nd Member of the jury – Helena Trindade;
- 1st Alternate Member of the jury - Sergio Chozas;
- 2nd Alternate Member of the jury - Ana Quintela.

VI. Place of work

Work will be developed at the facilities of Research Center CE3C – Centre for Ecology, Evolution and Environmental Changes, 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 March 2025, and will last until the Work Plan referred to in section IV is completed. It will have an expected duration of 7 months, will not exceed the limits set in the RCD.

VIII. Monthly Allowance

The gross monthly salary corresponds to 2.351,53 Euros, on an exclusive regime, which complies with one of the Levels of the Salary Table (NTS) for a Initial Stage Researcher, in step 1 level 33, 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. 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 (5) 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.
3. Based on the assessment of the candidates' scientific and curricular background in the last five (5) years, each member of the jury presents a justified proposal for admission (final classification equal to or greater than 50%) or exclusion (final classification below 50%) 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 field of the competition - 30%;
 - b) Motivation letter - 25%;
 - c) Participation in scientific projects in the field of the competition - 25%;
 - d) Activities to publicise and organise scientific events (e.g. workshops, congresses or symposia) in the scientific area(s) of this competition - 20%;
 - e) Interview, if deemed necessary by the jury - 10%.
6. The jury may decide to interview the 3 best ranked candidates [in criteria a) to d) of no. 5], 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 d) will correspond to 90% of the final classification and the interview will correspond to 10%.
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 the 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. 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@fciencias-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 17th of February 2025 to the 28^h 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.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. Motivation letter - compulsory;
 - v. 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*;
 - vi. 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 14th of February 2025.