

CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

1 (one) Research Fellowship (BI) for PhD Student

1 Research Fellowship(s) (BI) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “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”, “2022.09185.PTDC” “DOI: <https://doi.org/10.54499/2022.09185.PTDC>”, funded by the Fundação para a Ciência e a Tecnologia, I.P. through national funds under the programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Earth Science or similar
2. **Admission requirements:** Bachelor degree in Statistics, Mathematical, Environmental Engineering, Oceanography, Geophysics or similar areas; and MSc in Statistics, Mathematical, Environmental Engineering or similar.
3. **Additional optional skills and qualifications:** Experience in remote sensing and statistical modelling of extreme phenomena. Experience in research projects, especially focused on the analysis of the impacts of extreme events. Experience in programming in R/RStudio, Matlab, Mathematica or Python. Candidates with proven experience in modelling will be valued. Having an article published in this area will be frankly appreciated.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a PhD course.
5. **Work plan:** The work plan to be executed includes the following tasks:
 - 1) Application of a composite approach in the analysis of extreme weather events, fires and pollution from the current perspectives of climate change;
 - 2) Preparation and participation in regular project meetings and subsequent actions;
 - 3) Publication of results in peer-reviewed scientific journals and other means;
 - 4) Participation in the activities of dissemination, communication and involvement of project agents.
 - 5) Management of the project's web page;
 - 6) Preparation of project reports.The work plan is included in tasks 5 and 7 of the DHEFEUS project.
6. **Legislation framework:** Research Fellowship Holder Statute, in accordance with Law 40/2004, of 18 August, in its current version and the FCT Regulation for Research Studentships and Fellowships, in its current version (Reg. 950/2019 published in DR on 16th December: <https://dre.pt/application/file/a/127230968>, or at the FCT website: <https://www.fct.pt/apoios/bolsas/regulamento.phtml>), and FCIências.ID Fellowship Regulation, as approved on 12th May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCIências.ID](https://www.fciencias.id/regulamento-de-bolsas-de-investigacao-cientifica-da-fciencias.id)).
7. **Place of work:** The work will be developed at the Instituto Dom Luiz, Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Ana Russo.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in February 2025.
9. **Monthly allowance:** The fellowship amounts to € 1259,64, according to [table values](#) of the fellowships awarded directly by the FCT, IP. The fellowship holder will have a personal accident insurance and can ensure the right to social security through adherence to the voluntary social insurance scheme, if not covered by any other social protection scheme, pursuant to *Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social*. The fellowship will be paid monthly by bank transfer.

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10. **Evaluation and selection process:** Candidates will be assessed by

A - Candidate's academic merit (academic qualification) - 30%;

B - Previous experience to perform the required functions - 70%:

(b1) Experience in applications of satellite observations in Meteorology, or Earth Sciences - 25%;

(b2) Experience in satellite applications - 25%;

(b3) Experience in programming - 20%;

(b4) Scientific publications, including articles in indexed journals and conference proceedings (15%);

(b5) Presentations and dissemination of scientific results (15%).

If necessary, an interview will be carried out with the 2 (two) best candidates. If there is an interview, the sum of the evaluations obtained in A and B will correspond to 80% of the final evaluation and the interview to 20%.

Applicants whose application is scored with a final classification of less than 50 points are not eligible for granting a fellowship.

11. **Selection Committee:**

President - Doutora Ana Russo;

1st Effective member - Professora Doutora Célia Gouveia;

2nd Effective member - Professor Doutor Ricardo Trigo;

1st Alternate member - Professor Doutor Carlos Camara;

2nd Alternate member - Professor Doutor Pedro M. Soares

12. **Publication/notification of results:** All the candidates will be notified by e-mail, sent by the call holder, with the selection meeting minutes enclosed.

13. **Deadlines:** This call for applications is open from 24/01/2025 to 06/02/2025 .

14. **Application:** Applications should be sent via e-mail to acrusso@fc.ul.pt, by attaching the following documents:

- a. Curriculum vitae;
- b. Certificate of completion of previous degree ^{Note 1, 2};
- c. Other documents considered relevant.

15. **Processing of personal data:** FCIências.ID – Associação para a Investigação e Desenvolvimento de Ciências, as the controller under the General Data Protection Regulation, collects and processes the personal data requested in the context indicated in paragraph 14., under the legitimate interests in ensuring the award of the research fellowship to candidates with the indicated profile.

The personal data will be kept for the period necessary for the execution of the purposes for which they are intended, being ensured the processing and protection in an appropriate and diligent way, the confidentiality and integrity of these data, through appropriate technical and organizational measures.

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 the transfer of personal data to countries outside the European Union and/or international organizations is necessary, compliance with the applicable legal provisions is ensured.

You have the right to request access, rectification, elimination, limitation of processing, the right to object and also data portability (if technically feasible), through the e-mail address: dpo@fciencias-id.pt. You also have the right to lodge a complaint with the National Data Protection Commission.

For more information, we recommend consulting the Internal Rules of Data Protection of FCIências.ID - Association for Research and Development of Sciences at <https://fciencias-id.pt/>.

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16. **Time limits for the appeal procedure:** In case of negative decision, the candidates have 10 business days, after the date of announcement of the results of the candidates' evaluation, to pronounce their disagreement in accordance with the *Código do Procedimento Administrativo*. Appeals against the final decision may be submitted to the Administration Board of FCIências.ID (fciencias.id@fciencias-id.pt) within 15 business days after the notification date.

Note 1: The documents that prove the entitlement of the academic qualifications and diplomas can be dismissed during the application period and replaced by a declaration on their honour from the applicant ([Minuta PT](#), [Minute EN](#)). Their delivery is mandatory for the fellowship contractualization.

Note 2: Please note that - higher education degrees and diplomas awarded by foreign higher education institutions need to be recognized by a Portuguese higher education institution, pursuant to the [Decree-Law nr. 66/2018](#) (August 16) and the [Ministerial Order nr. 33/2019](#) (January 25). The presentation of the recognition certificate is mandatory for contract signature. More information can be obtained at: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.