

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

1 (one) Post Doctoral Research Fellowship (BIPD)

1 Post Doctoral Research Fellowship(s) (BIPD) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “Anomalous Moisture Transport for Hydrological Extremes in a Changing Climate”, “DRI/India/0098/2020”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme International Cooperation – SR&TD Projects Portugal India 2020, under the following conditions:

1. **Scientific Area:** Earth Sciences
2. **Requirements for admission:**
 - a) PhD degree in Earth Sciences or related fields, with a specialty in climatology and/or extreme events and climate modelling;
 - b) To hold a PhD degree obtained in the three years prior to the date of submission of the application for the fellowship;
 - c) Post-doctoral research is carried out in a different host entity from the one where the research work that led to the attribution of PhD degree was carried out.
3. **Additional optional skills and qualifications:** 1) Proven scientific and/or professional experience in the areas of numerical modelling, extreme events and extreme precipitation atmospheric forcings; 2) Experience in the acquisition and processing of large databases; 3) Demonstrated knowledge of programming languages (e.g. Python); 4) Fluency in English (written and spoken).
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas.
5. **Work plan:** The work plan to be executed includes the following tasks:
 - 1) Treatment, modelling and analysis of meteorological data; 2) Analysis and quantification of extreme precipitation and temperature events in India and the Iberian Peninsula; 3) Analysis of the characteristics and drivers of extreme precipitation and temperature events in present climate and in a perspective of climate change; 4) Identification of large-scale patterns and teleconnections that contribute to the occurrence of extreme precipitation and temperature events; 5) Development of statistical models for short- and medium-term forecasting of extreme precipitation and application of metrics to evaluate the quality of forecasts; 6) Evaluation of the capacity of CMIP6 simulations to reproduce the main mechanisms of atmospheric moisture transport responsible for the occurrence of extreme precipitation and temperature events in present and future climate; 7) Preparation and participation in regular project meetings and subsequent actions; 8) Publication of results in scientific journals with refereeing and other means; 9) Participation in the activities of dissemination, communication and involvement of project agents. The work plan is included in tasks 3, 4, 5 and 6 of the AMOTHEC 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.pt>), and FCiências.ID Fellowship Regulation, as approved on 12th May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCiências.ID](#)).
7. **Place of work:** The work will be developed at the Instituto Dom Luís (IDL) at the Faculty of Sciences of the University of Lisbon, Campo Grande, Lisbon, Portugal under the scientific supervision of Professor Ricardo Trigo.

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

8. **Fellowship duration:** This position is initially opened for 6 months due to start in July 2023. The fellowship contract may be potentially renewed for a further 15 months.

9. **Monthly allowance:** The fellowship amounts to € 1 741,00, 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.

10. **Evaluation and selection process:** Candidates will be assessed by curricular evaluation (60%), motivation letter (20%), and interview (20%).

Applicants whose application is scored with a final classification of less than 70 points are not eligible for granting a fellowship.

11. **Selection Committee:** President – Professor Ricardo Trigo; 1^o Effective member – Doctor Ana Russo; 2^o Effective Member - Professor Alexandre Ramos; 1^o Alternate Member- Professor Carlos Pires; 2^o Alternate Member - Professor 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 03/07/2023 to 14/07/2023 .

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

- a. Curriculum vitae;
- b. Certificate of completion of previous degree;
- c. Motivation letter;
- d. 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/>.

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

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, or the proof of registration in the academic degree or diploma requested on the call, can be dismissed during the application period and replaced by a declaration on their honour from the applicant. 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>.