

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

1 Research Fellowship for R&D Initiation for a Master Student

1 Research Fellowship(s) for R&D Initiation (BII) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “Time series multispectral image analysis”, financed by own funds from national entities, under the following conditions:

1. **Scientific Area:** Geospatial Engineering
2. **Requirements for admission:** Bachelor in Geospatial Engineering, knowledge in remote sensing, image processing and python programming.
3. **Additional optional skills and qualifications:** Enrolment on a Master’s Degree in Geospatial Engineering, good command of the English language.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Geospatial Engineering Master or equivalent
5. **Work plan:** The project aims to create a multispectral image composite using Landsat and Sentinel-2 satellites for multitemporal studies. The workplan is:
 - a) Study the state of the art for the creation of time series of multispectral images.
 - b) Development of a methodology to create “data cubes” in GoogleEngine environment or equivalent
 - c) Application of the methodology defined in the previous steps to the mainland national territory.
 - d) Analysis and validation of the data cubess.
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](https://www.fciciencias.id/regulamento-de-bolsas-de-investigacao-cientifica-da-fciciencias.id)).
7. **Place of work:** The work will be developed at the IDL, Instituto D. LUIZ, Faculdade de Ciências da Universidade de Lisboa. under the scientific supervision of Professor João Catalão Fernandes and Ana Navarro Ferreira.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in October 2022.
9. **Monthly allowance:** The fellowship amounts to € 875.98, according to [table values](#) of the FCiências.ID Fellowship Regulation.. 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 the quality of their CV (100%) and a possible interview. If the jury decides for an interview, it will be to the 3 best evaluated candidates on the CV and the assessment is: quality of the CV (60%) and Interview (40%).
11. **Selection Committee:** President of the jury: João Catalão Fernandes; Members of the jury: Ana Navarro Ferreira and João Calvão, alternate member of the jury: Fernando 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 30/06/2022 to 08/07/2022 .
14. **Application:** Applications should be sent via e-mail to jcfernandes@fc.ul.pt, by attaching the following documents:
 - a. Curriculum vitae - **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
 - b. Certificate of completion of previous degree;
 - c. other documents considered relevant
15. **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>.