

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

### 1 Research Fellowship for Master 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 HAZARDOUS/IDL, PTDC/CTA-GEO/0798/2020, financed by Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC), under the following conditions:

1. **Scientific Area:** Geospatial Engineering
2. **Requirements for admission:** a completed first cycle of higher education in Geospatial Engineering or alike. The candidate must have executed projects, even if academic projects in Aerotriangulation, Photogrammetry, LiDAR and Cartographic Production by stereophotogrammetry. The candidate should have experience in following software: for stereophotogrammetry, for GIS and for databases.
3. **Additional optional skills and qualifications:** The candidate should be preferably in the last phase of the master course and intend to make his/her master thesis over the theme of the actual project.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a master's degree in Geospatial Engineering or other in the area of Geospatial Engineering.
5. **Work plan:** Study of the evolution of several 'fajãs' in the Azores archipelago using historical aerial photography and UAV coverage. Acquisition of aerial coverage from various epochs and their organization in a database. Preparation of the ground control coordination mission on site. Georeferencing of coverages by aerotriangulation. Generation of digital terrain models (automatic or interactive process) for the various epochs. Stereorestitution of feature lines. Comparative analysis of the state of fajãs in various historical periods and in the current period.
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 16<sup>th</sup> 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 12<sup>th</sup> 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 Departamento de Engenharia Geográfica, Geofísica e Energia under the scientific supervision of Professor Paula Maria Ferreira de Sousa Cruz Redweik.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin on October 2021. The fellowship contract may be potentially renewed for until the end of the project, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
9. **Monthly allowance:** The fellowship amounts to € 835.98, 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*.

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The fellowship will be paid monthly by bank transfer.

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV (50% for the 1st cycle average and 50% for the experience defined in 2.) and in case the jury considers necessary, an interview will be held to the three best classified candidates. In this case, the final note will be a weighted average of the CV analysis note (75%) and the interview note (25%).
11. **Selection Committee:** President: Prof. Dra. Paula Maria Ferreira de Sousa Cruz Redweik (DEGGE-FCUL); 1st Member: Dr. Rui Manuel do Amaral Branco de Oliveira Quartau (IH); 2nd Member: Prof. Dra. Cristina Maria de Sousa Catita (DEGGE-FCUL) ; Substitute Member: Prof. Dra. Ana Cristina Navarro Ferreira (DEGGE-FCUL).
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 01/09/21 to 14/09/2021 .
14. **Application:** Applications should be sent via e-mail to [pmredweik@fc.ul.pt](mailto:pmredweik@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. e. other documents considered relevant for the CV analysis.
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](mailto: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>.