

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

One Fellowship for a 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 OnOff (Coupling onshore and offshore tsunamis record: complementary tools for a broader perspective on tsunami events, “PTDC/CTA-GEO/28941/2017, ALG-01-0145-FEDER-028941”, financed by Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) and cofinanced by the European Regional Development Fund (ERDF) of the European Union, through the Programa Operacional Regional do Algarve of Portugal 2020 and other programs that may follow, under the following conditions:

1. **Scientific Area:** Earth Sciences, Geophysics and other related scientific areas
2. **Requirements for admission:** MSc in Geophysics, Earth Sciences or other related scientific areas; Proved experience in numerical modelling; Experience in Fortran, C++ and Python.
3. **Additional optional skills and qualifications:** experience in numerical simulation of tsunamis.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a PhD
5. **Work plan:** The workplan will consist on the application of inverse tsunami hydrodynamic models which will be validated by the sedimentological database compiled throughout project OnOff. Therefore, the workplan will consist of:
 - a) Analysis of the sedimentological database of tsunami imprints related with the 1755 event along the Atlantic basin;
 - b) Establishment of the physical parameters of tsunami waves that were responsible for the deposition of sedimentary evidences in different locations along the Atlantic basin.;
 - c) Application of an inverse numerical model that will allow correspondence between tsunami waves and the sedimentary deposits observed.;
 - d) Analysis and interpretation of possible tsunamigenic source areas.
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 Luiz of Faculdade de Ciências of Universidade de Lisboa under the scientific supervision of Professor Maria Ana Baptista e Rachid Omira.
8. **Fellowship duration:** This position is initially opened for four months and will begin on September 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.

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9. **Monthly allowance:** The fellowship amounts to € 1104,64 ,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.

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV (50%) and Motivation Letter (20%) and Interview (30%).

11. **Selection Committee:** President of the jury: Pedro Costa, Members of the jury: Maria Ana Baptista and Rachid Omira; Alternate members of the jury: Ivana Bosnic and Ana Nobre Silva

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 03/08/21 to 16/08/2021 .

14. **Application:** Applications should be sent via e-mail to ppcosta@dct.uc.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. Motivation letter

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 during 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>.