

### Research Studentships (PhD students)

Applications are open for 2 (two) Research Studentship(s), within the framework of project GeoARMUR “Geospatial AI for Resilience Management and Urban Recovery” (2023.17276.ICDT-15277), with the financial support of FCT/MCTES through national funds and, when applicable, co-financed by the FEDER, under the Partnership Agreement PT2020, under the following conditions:

**Scientific Area:** Geosciences or Environmental and Global Change or Civil and Mining engineering or Marine Sciences

**Admission Requirements:** Applicants must hold a Master’s degree (validated or certified in Portugal) in a relevant field such as Civil Engineering, Environmental Sciences, GIS or Geoinformatics, or related areas. Candidates will be assessed according to the project team’s needs regarding geospatial data and remote sensing for analysis, interpretation, and application in environmental or territorial studies. Preference will be given to candidates with aptitude for working in disaster risk management environments supported with GIS and Machine Learning, basic programming skills (e.g., Python, R, or similar languages), and demonstrated experience in writing technical and/or scientific-technical reports, including data documentation, analysis outputs, and project deliverables. Strong teamwork and communication skills are also essential, as the selected candidates will work collaboratively in a multidisciplinary environment and contribute actively to group discussions, project planning, and implementation.

**Workplan:** The research students will support activities of the GeoARMUR project aimed at enhancing the resilience of critical infrastructure in urban areas. The main tasks will contribute to several key project deliverables, including the development of the conceptual framework for risk assessment, stakeholder engagement, and the creation and maintenance of the open data repository: covering data debugging, metadata preparation, and documentation. The students will also support all additional tasks required for the dissemination of results, including the preparation of scientific papers, contributions to the web platform, and the development of project reports.

**Legislation and Regulations:** Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on <https://dre.pt/application/file/a/127230968>.

**Workplace:** The work will be developed at CERIS of Instituto Superior Técnico, Alameda, under the scientific supervision of Nuno Marques Almeida, Maria Paula Mendes and Ana Silva.

**Duration:** The research fellowship(s) will have the duration of 12 months. It is expected to begin in January 2026 and may be eventually renewed up to the maximum of 24 months, including the duration of the initial contract.

**Monthly maintenance allowance:** According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2025/>), the amount of the monthly maintenance allowance is € 1.309,64 EUR, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: curriculum evaluation (50%), individual interview (50%). If the applicants do not demonstrate the required expertise, the jury may decide not to select any candidate and cancel the call.

**Composition of the selection Jury:** Nuno Marques de Almeida, Maria Paula Mendes, Rui Pedro Carrilho Gomes.

**Announcement/ notification of the results:** The final evaluation results will be communicated to all applicants by email.



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**Deadlines and procedures of complaint and appeal.** A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

**Application deadline and formalization:** The call is open from December 23, 2025 until January 8, 2026.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at an academic degree course (PhD); v) motivation letter;

Applications must be submitted to the email: [mpaulamendes@tecnico.ulisboa.pt](mailto:mpaulamendes@tecnico.ulisboa.pt)



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