

Research Studentships (Master or Integrated Master students)

Applications are open for 1 Research Studentship(s), within the framework of project/R&D institution **CERIS BASE 20-23/UIDB/04625/2020**, 1801P.00977.1.01, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Engenharia Civil e Minas; Engenharia Mecânica e Sistemas de Engenharia; Ambiente, Território e População

Admission Requirements: *To be enrolled at an integrated master or a master.*

Workplan: Develop and carry out research tasks focused on the main topics of the C3GEO project: A Community Carbon Calculator for GEOgraphically customized areas. The project aims to develop and apply methodologies for estimating carbon dioxide (CO₂) emissions at a community scale. Communities are defined as units smaller than municipalities but larger than individual buildings.

Specific roles will include:

- Collection and processing of data necessary for the implementation of the project, namely statistical and other data relating to the population and building stock, and to energy consumption and energy certification;
- Develop quantitative research work considering the objective of the project;
- Develop collaborative research with other members of the project team;
- Contribute to the organization of project events and activities (e.g., public presentations of results).

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://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at CERIS of Associação do Instituto Superior Técnico para a Investigação e o Desenvolvimento (IST-ID), under the scientific supervision of Doutor Rui Colaço.

Duration: The research fellowship(s) will have the duration of 4 months. It's expected to begin in July 2024. The contract is not renewable.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf), the amount of the monthly maintenance allowance is € 990,98, paid by Wire Transfer.

Selection methods: The selection methods will be the following:

- Curriculum assessment, where the candidate must demonstrate experience in collecting and processing data and using GIS tools. Previous experience in calculating the carbon footprint of products and services will also be valued;
- Individual interview for a maximum of five candidates. Candidates selected for the interview will be those who obtain the highest score in the curriculum evaluation;

with the respective valuation of 70% for the curriculum evaluation and 30% for the interview.



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Composition of the selection Jury: Rui Colaço, José Dinis Silvestre, Alexandre Bacelar Gonçalves.

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

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 19 until July 2, 2024.

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

Applications must be submitted to the email: ana.s.ramos@tecnico.ulisboa.pt



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