

(BL246/2023-IST-ID)

### Research Studentships for Students Master

Applications are open for one Research Studentship, within the framework of “GRAVITY” project (2022.02093.PTDC), financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

**Scientific Area:** Civil Engineering / Environment and Energy

**Admission Requirements:**

- a) Be enrolled in a master’s degree in Conservation Biology;
- b) Solid knowledge in citizen science platforms for biodiversity recording;
- c) Being comfortable with traditional sampling methods of birds and arthropods;
- d) Having experience in citizen science programs and environmental outreach.

**Workplan:** Evaluation of the Contribution of Green Roofs/Walls to Urban Biodiversity with the support of Citizen Science. The main tasks are:

- a) Collecting biodiversity data on green roofs and walls in the city of Lisbon, with a focus on arthropods and birds, using the BioDiversity4All platform;
- b) Analysis of vegetation planted or occurring spontaneously on green roofs and walls – species and community structure;
- c) Identification of the characteristics of green roofs - size, proximity to other green areas, to be part of a green corridor;
- d) Comparison with other structures - proximities, similar areas (urban gardens/grey covers);
- e) Modeling the collected biodiversity data to assess the contribution of green roofs and walls to urban biodiversity;
- f) Comparing citizen science and systematic data;
- g) Evaluating how green roofs and walls contribute to the green infrastructure of the city of Lisbon;
- h) Dissemination/Communication.

**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 Faculdade de Ciências, Universidade de Lisboa, under the scientific supervision of Prof<sup>a</sup> Maria Cristina Matos Silva (IST) and co-supervision Doutora Patricia Maria Nunes Tiago (FCUL).

**Duration:** The research fellowship will have the duration of 6 months, eventually renewed for a maximum period of 12 months.

**Monthly maintenance allowance:** According to the values for Research Fellowships awarded by FCT in Portugal ([https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM\\_2023.pdf](https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdf)), the amount of the monthly maintenance allowance is €930,98, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** Curricular evaluation (100%) or curricular evaluation (50%) and interview (50%) for situations of more than one candidate with the same curricular classification.

**Composition of the selection Jury:** Prof<sup>a</sup> Maria Cristina Matos Silva, Prof. Vítor Faria e Sousa and Doutora Patrícia Maria Nunes Tiago

**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 September 13 until 26 September, 2023.

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: [pmtiago@ciencias.ulisboa.pt](mailto:pmtiago@ciencias.ulisboa.pt)