

**PUBLIC NOTICE FOR A RESEARCH FELLOW POSITION**

**Reference IPC-IIA/GreenCities /BM**

**PRBI/5/2026**

IPC/ i2A is now accepting applications for a Master's Research Grant within the scope of the project entitled “GreenCities: Mitigating climate change through urban green spaces: nature-based solutions for carbon-neutral cities”, with the operating code 2024.14803.MIT, funded under the Exploratory Projects Call within the MIT Portugal 2024 Program, of the Portuguese Foundation for Science and Technology, under the following conditions:

**1. The aims of the research fellow position are:**

- 1) Development of a database in Geographic Information Systems
- 2) Assessment of urban carbon emissions
- 3) Potential carbon sequestration in urban green spaces
- 4) Recommendations for the planning of urban green spaces

**Generic Scientific Area:** Environmental Engineering

**Specific Scientific Area:** Environmental Engineering, Urban Planning, Landscape Architecture, Geoprocessing

**2. Requirements:**

- Master's degree in Environmental Engineering, Urban Planning, Landscape Architecture, Geoprocessing, or related fields;
- With experience in:
  - a) Spatial data analysis (ArcGIS or Quantum GIS)
  - b) Remote sensing data analysis- Master's degree in the topic of Agriculture, Environment or similar
  - c) Fieldwork
  - d) Teamwork
- Be enrolled in a doctoral degree or in a course that does not lead to an academic degree but is integrated into the educational project of a higher education institution.

Mod. 612\_02

If enrolled in a non-academic course, the applicant may not exceed, with the conclusion of the scholarship contract in question, including possible renewals, an accumulated period of two years in that type of scholarship, followed or interpolated, in accordance with Article 6(5) of the FCT Regulation.

### **3. Work Plan:**

The planned work encompasses the collection and analysis of spatial data (e.g., land use maps) and its compilation into a GIS database, assessment of carbon emissions by economic sector using available databases, fieldwork to assess the soil carbon sequestration potential in green space, and laboratory work to quantify carbon in plant and soil samples. The work also includes the analysis and dissemination of the results generated within the project. The project is based on the study Coimbra city.

### **4. Scholarship Length:**

The scholarship, on an exclusive basis, has a duration of 4 months, renewable, on an exclusive regime, according to the Research Grant Regulations of the Polytechnic Institute of Coimbra – Order No. 5963/2020, of 01/06, with a planned start date until the end of January 2026.

### **5-Monthly Maintenance Allowance:**

1 309,64 euros, The scholarship, on an exclusive basis, has a duration of 6 months, renewable, on an exclusive regime, according to the Research Grant Regulations of the Polytechnic Institute of Coimbra – Order No. 5963/2020, of 01/06, with a planned start date of February 2026.

### **6. Workplace:**

The work will be developed mainly at Escola Superior Agrária de Coimbra, under the supervision of Dr. Carla Sofia Santos Ferreira.

### **7. Selection Criteria:**

- Curriculum evaluation (30%);
- Work experience in GIS (40%);
- Experience with remote data analysis (5%);

Mod. 612\_02



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- Fieldwork experience (5%);

- Laboratory work experience (5%);

- Publication of scientific articles and presentations at scientific events (10%);

- Candidate's motivation to participate in the project (5%).

An interview may be conducted if necessary to break a tie between candidates and/or to request clarifications regarding professional experience.

## **8. Jury of Selection:**

The committee responsible for the selection process will be composed of Dr. Carla Sofia Santos Ferreira (President), Professor Dr. António José Dinis Ferreira and Dr. Paula Ferreira (Members), as full members, and Dr. Anne-Karine Boulet and Dr. Verónica Costa Oliveira, as alternate members.

## **9. Documents to be submitted:**

Candidates must access and register on the website: [https://www.ipc.pt/bupc/concursos/form/concursos\\_bolseiros](https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros) to submit the application, selecting the procedure for which they intend to apply.

Applications must be delivered exclusively in digital format, in portable document format (pdf), with the exception of documents whose delivery is scheduled in other digital formats.

The application process is carried out by completing the sections available at the aforementioned website.

The application must be accompanied by the following documents:

- Copy(ies) of the Qualification Certificate(s);
- Proof of registration in a course;
- Motivation letter;
- Curriculum vitae with date and signature;
- Identification, residence, number of identification document and fiscal number.
- Declaration under commitment of honor, in which, if enrolled in an ongoing not conferring academic degree, the applicant does not exceed, with the conclusion of the scholarship contract in question, including possible

renewals, an accumulated period of two years in that type of scholarship, followed or interpolated, in accordance with Article 6(5) of the FCT Regulation

#### **10. Deadline of Applications Submission:**

The application period will be of 10 working days, starting on 26/01/2026 a and ending on a 06/02/2026.

#### **11-Legislation and applicable Regulation:**

The award of this fellowship is based on:

- Law No. 40/2004, of August 18, in its current wording (Statute of the Scientific Research Grant Holder);
- Order No. 5963/2020, of June 1, in its current wording (Research Grant Holder Regulations of the Polytechnic Institute of Coimbra)

The grant contract template and the final reports to be prepared by the grant holder and the coordinator are those contained in the annexes to the Research Grant Holder Regulations of the Polytechnic Institute of Coimbra, mentioned above.

#### **12. Information of Results:**

All candidates will be notified by e-mail. According to the terms of the Administrative Procedure, the applicants will have 10 working days, after the release of the results, to pronounce themselves under the frame of the prior hearing.

#### **For further information please contact:**

Dr. Carla Sofia Santos Ferreira (cferreira@esac.pt), indicating the reference of fellowship (mandatory): IPC-IIA/GreenCities /BM.

Coimbra, 23th January 2026