

## EURAXESS

## Job offer

JOB

PORTUGAL

[LNEC, I.P.](#) | Posted on: 7 April 2025**Research fellowship (RF) in the scope of the research project  
"CAMBER - Connected and Adaptive Maintenance for Safer Urban  
and Secondary Roads"**

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7 Apr 2025

## Job Information

Organisation/Company	LNEC, I.P.
Department	Human Resources and Facilities Services
Research Field	Geography
Researcher Profile	First Stage Researcher (R1)
Positions	Master Positions
Country	Portugal
Application Deadline	22 Apr 2025 - 23:59 (Europe/Lisbon)
Type of Contract	Not Applicable
Job Status	Not Applicable
Is the job funded through the EU Research Framework Programme?	Horizon Europe
Reference Number	Grant Agreement 101146800.
Is the Job related to staff position within a Research Infrastructure?	No

## Offer Description

1 - Title

### RESEARCH FELLOWSHIP (RF)

2 - Offer description

As per the terms laid down in *Regulamento de Bolsas de Investigação da FCT* (FCT Regulation for Research Fellowships), approved by [Law no. 40/2004](#) [↗](#), 18 August, as it stands, we announce the launching of a call for awarding a research fellowship (RF) in the scope of the research project "CAMBER - Connected and Adaptive Maintenance for Safer Urban and Secondary Roads"

3 – Financing source

European Union (482), through the European Horizon Program, with a cofinancing rate of 100%

#### 4 – Scientific area

Geography

#### 5 - Duration

The Grant shall be awarded for a 1-year period

#### 6 – Reserve list

A reserve list for selection shall be drawn up for a 6-month period as from the date of the final decision of this call.

#### 7 – Activity Regime

All the work shall be developed on an exclusive dedication regime, as per the provisions laid down in the Statute of the Research Fellow, approved by Law no. 40/2004, 18 August, as it stands, and in LNEC Regulation for Fellowships, available on LNEC website.

#### 8 - Work plan and objectives

Cooperating in the activities of the project CAMBER related to the development and maintenance of a digital twin based on geographic information systems (GIS), with application to road safety and maintenance. The research fellow will collaborate in the data integration and visualisation and road safety metrics in interactive maps. In this scope, the candidate will be evaluated as refers to her/his ability and experience in working with GIS, spatial analysis and development of predictive models in support to decision-making in city road management.

#### 9 - Location

Workplace: LNEC – National Laboratory for Civil Engineering, I.P.

Avenida do Brasil, 101 – 1700-066 Lisboa

Country: Portugal

Website: <https://www.lnec.pt> 

Email: [recrutamento@lnec.pt](mailto:recrutamento@lnec.pt)

The above activities shall be conducted at the Planning, traffic and Safety unit of the Transportation Department of LNEC, without prejudice to the possibility of performing temporary missions in Portugal.

#### 10. - Qualifications


Eligible applicants are holders of an MSc in Geography and like scientific fields, who are enrolled in a course that does not award an academic degree integrated in the educational project of a higher education institution and developed in association or cooperation with one or more R&D units.

The candidate must be able to work in multidisciplinary teams, and have the motivation and experience in research in the field of geographic information systems (GIS). Preference will be given to candidates with background in Geography and experience in spatial data processing and analysis, as well as in the development and application of GIS in support to road management.

#### 11 – Scientific supervision

The activities will be supervised by the Assistant Researcher Sandra Cristina Gil Vieira from the Planning, Traffic and Safety Unit.

## 12 - Monthly allowance

The Grant shall include a [monthly allowance](#)  in the amount of € 1,309.64. The Research fellow shall also be entitled to a specific social security system and to insurance against personal accidents at work.

## 13 - Selection methods and criteria

The evaluation of the applications shall be based on the Applicant's Merits (MC), and the following evaluation criteria shall be scored on a 0 to 20 scale.

Applicant's merits:

- Academic Background (PA) – scores of the academic degrees required by this call, namely degree (or equivalent) or MSc – 50%
- Professional Résumé (CP) – scientific and professional career – 30%
- Interview with the selection jury (ES) – 20%

Hence:

$$MC = (0.5 * PA) + (0.3 * CP) + (0.2 * ES).$$

The jury is entitled to decide not to award the Grant if the quality of the applicants is deemed below par.

## 14 - Selection jury

President:

Maria de Lurdes Baptista Costa Antunes, principal researcher.

Members

Sandra Cristina Gil Vieira, assistant researcher;

Carlos Pedro Pinto Lopes Almeida Roque, assistant researcher

Alternates:

Simona Fontul, assistant researcher

## 15 - Application documents

### 1. at the time of the application:

- Letter of motivation (maximum: one A4 page).
- Degree certificate, with indication of the partial scores and final classification.
- Document stating the score obtained in each curricular unit of the course the applicant is attending.

Foreign certificates shall be valid only if they are dully endorsed by an issuing entity, or if a recognition/equivalence document is produced stating that the foreign qualifications correspond to

the same Portuguese qualifications. The respective scores can only be used if they are officially converted to the Portuguese scoring scale (by *DGES – Direção Geral do Ensino Superior* or by a public higher education institution), even if the foreign classification corresponds to a 0 to 20 scale.

- Official document of enrollment in the degree course defined in paragraph 10 of the present notice.

Should the candidate be unable to produce such document, without any fault on his/her part, he/she may replace it by a sworn declaration stating that he/she has been enrolled in the said degree course and undertaking the delivery of the said document until the date of the awarding of the contract.

- Detailed Curriculum Vitae.
- Other documents (optional), such as letters of reference and supporting documents of internships or complementary courses considered as relevant for the purposes of this Grant

## **2. at the time of the awarding of the contract:**

- Official document stating that the applicant is enrolled in the degree course defined in 10.
- Necessary information for preparing the contract.

### **16 – Deadline for applications**

Between 08 to 22 April 2025


### **17 - Formalization of applications**

The applications shall be formalized by one of the following means:

- Electronic mail addressed to [recrutamento@lnec.pt](mailto:recrutamento@lnec.pt), until 24h00 of the last day of the stipulated time limit
- directly to the *Setor de Arquivo e Expediente Geral* of LNEC, at Avenida do Brasil, 101, 1700-066 Lisboa.
- registered letter with acknowledgement of receipt addressed to LNEC, I.P., Avenida do Brasil, nº101, 1700-066 Lisboa; the date of delivery considered for the purpose of compliance with the stipulated time limit being the date of registration

In the last two cases, the applications shall be delivered in a sealed envelope, bearing the following information on the outside: “Concurso para atribuição de uma bolsa de investigação (BI) FCT, no âmbito do projeto “CAMBER - Connected and Adaptive Maintenance for Safer Urban and Secondary Roads”.

### **18 - Notification of results**


The final score of each evaluation stage shall be advertised in a list sorted by the final score obtained, all applicants being notified by electronic mail. The results shall also be published on the [Recruitment](#)  page of LNEC's website.

### **19 - Deadlines and procedures for preliminary hearing, claims and appeals**

Once the provisional ranked list of the evaluation results has been communicated, applicants who have an unfavourable provisional decision may use their right to dispute it during the preliminary hearing phase (if requested), which takes place within 10 working days, according to the Administrative Procedure Code (CPA).

The final decision shall be disclosed after the analysis of applicants' arguments presented in the preliminary hearing. Final decision can be claimed within 15 working days or, alternatively, appealed to the Board of Directors, within 30 working days, after the communication of the final results, respectively.

## 20 - Further information

Additional information can be obtained by phone: +351 218 443 892 or +351 218 443 216 or by electronic mail to the address referred to in 17. The applicants living outside of Portugal can also refer to the portal [EURAXESS Portugal](#) .

## 21 - Standard fellowship contract

Available on the [Recruitment](#)  page of LNEC's website.

## 22 - Model of the final report to be prepared by the research fellow and supervisor

Available on the [Recruitment](#)  page of LNEC's website.

## Where to apply

<b>E-mail</b>	recrutamento@lnec.pt
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## Requirements

<b>Research Field</b>	Geography
<b>Education Level</b>	Master Degree or equivalent

## Additional Information

## Work Location(s)

<b>Number of offers available</b>	1
<b>Company/Institute</b>	LNEC - Laboratório Nacional de Engenharia Civil
<b>Country</b>	Portugal
<b>City</b>	Lisbon
<b>Postal Code</b>	1700-066 Lisboa
<b>Street</b>	Avenida do Brasil, 101
<b>Geofield</b>	



## Contact






State/Province	Lisbon
City	Lisbon
Website	<a href="http://www.lnec.pt/pt/">http://www.lnec.pt/pt/</a>
Street	Av. do Brasil, 101
Postal Code	1700-066
E-Mail	recrutamento@lnec.pt

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