

EURAXESS

Job offer

JOB

PORTUGAL

[LNEC, I.P.](#) | Posted on: 31 March 2025

Research fellowship (RF), in the framework of the project "Geosustained - Sustainability assessment of shallow Geothermal systems for Lisbon. Characterization studies of the city soils thermal and thermomechanical behaviour"

Apply now [↗](mailto:recrutamento@lnec.pt?subject=Research_fellowship_(RF),_in_the_framework_of_the_project_'Geosustained_-_Sustainability_assessment_of_shallow_Geothermal_systems_for_Lisbon._Characterization_studies_of_the_city_soils_thermal_and_thermomechanical_behaviour') ([mailto:recrutamento@lnec.pt?subject=Research_fellowship_\(RF\),_in_the_framework_of_the_project_'Geosustained_-_Sustainability_assessment_of_shallow_Geothermal_systems_for_Lisbon._Characterization_studies_of_the_city_soils_thermal_and_thermomechanical_behaviour'](mailto:recrutamento@lnec.pt?subject=Research_fellowship_(RF),_in_the_framework_of_the_project_'Geosustained_-_Sustainability_assessment_of_shallow_Geothermal_systems_for_Lisbon._Characterization_studies_of_the_city_soils_thermal_and_thermomechanical_behaviour'))

[Add to Favorites](#)

**Status message**

Job Offer [Research fellowship \(RF\), in the framework of the project "Geosustained - Sustainability assessment of shallow Geothermal systems for Lisbon. Characterization studies of the city soils thermal and thermomechanical behaviour"](#) has been created.

**Warning message**

Offer saved as "Draft".

To publish your job_offer offer you have to click "Send for approval".

[View \(/jobs/331116\)](/jobs/331116) [Edit \(/node/331116/edit\)](/node/331116/edit)
[Delete \(/node/331116/delete\)](/node/331116/delete)

Apply

31 Mar 2025

Job Information

Organisation/Company	LNEC, I.P.
Department	Human Resources and Facilities Services
Research Field	Engineering » Civil engineering
Researcher Profile	First Stage Researcher (R1)
Positions	Other Positions
Country	Portugal
Application Deadline	30 Apr 2025 - 23:59 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time
Is the job funded through the EU Research Framework Programme?	Other EU programme
Reference Number	FCT - Reference PTDC/ECI-CON/1866/2021)

Is the Job related to staff position within a Research Infrastructure? No

Offer Description

1 - Title

POST-DOCTORAL RESEARCH FELLOWSHIP (BDP)

2 - Offer description

As per the terms laid down in the Statute of the Research Fellow, 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 framework of the project "Geosustained - Sustainability assessment of shallow Geothermal systems for Lisbon. Characterization studies of the city soils thermal and thermomechanical behaviour". (Reference PTDC/ECI-CON/1866/2021)

3 – Financing source

State Budget (100%)

4 – Scientific area

Civil Engineering/Geotechnics and related areas

5 - Duration

The Grant shall be awarded for a 6-month period, renewable up to the duration of the project.

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 the FCT Regulations for Studentships and Fellowships, which can be consulted on FCT and LNEC websites.

8 - Work plan and objectives

The research fellow shall contribute to the accomplishment of the tasks assigned to the Urban and Transportation Geotechnics Division, in line with the main R&D objectives: in particular:

- Assembly of triaxial testing equipment for conducting soil tests under non-isothermal conditions. Performing tests on geological formations in the city of Lisbon, including the processing, analysis, and reporting of the respective result.

9 - Location

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

Avenida do Brasil, 101 – 1700-066 Lisboa, Portugal

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

Email: recrutamento@lnec.pt

The activities shall be conducted at the Urban and Transportation Geotechnics Unit of LNEC.

10 - Qualifications

Eligible candidates are PhD holders in Civil Engineering/Geotechnics or related fields, whose degree has been issued in the last three years, and who show motivation for carrying out research tasks, in the fields mentioned in 8.

Due to the nature of the tasks to be accomplished, the candidates must be fluent in written and spoken Portuguese and English languages.

11 – Scientific supervision

The activities will be supervised by the senior researcher Ana Maria Carvalho Pinheiro Vieira from the Urban and Transportation Geotechnics Unit of the Geotechnics Department at LNEC.

12 - Monthly allowance

The Grant shall include a [monthly allowance](#) in the amount of € 1,801.00. The research fellow shall also be entitled to the applicable social security system and to insurance against personal accidents at work.

13 - Selection methods and criteria

The evaluation of applications will focus on the Merit of the Candidate (MC) and will be conducted in two phases: the first phase consisting of a *curriculum* evaluation (AC), and the second phase integrating a selection interview (ES).

Stage 1:

- Academic Background (PA) – scores of the academic degree required by this call – 60%;
- Professional Résumé (CP) – scientific and professional career – 40%;

$$AC = 0.6 \times PA + 0.4 \times CP$$

Stage 2:

- Curricular evaluation (AC) – 75%
- Interview with the selection jury (ES) – 25%

$$MC = 0.75 \times AC + 0.25 \times ES$$

14 - Selection jury

President:

João Paulo Bilé Serra, principal researcher;

Members:

Ana Maria Carvalho Pinheiro Vieira, senior researcher;

Carlos Manuel Pinto Pereira, assistant researcher;

Alternates:

Cláudia Filipa Cabeleira Narciso Pinto, Senior Technician (PhD) from the City Council of Lisbon;

José Alberto de Marques Lapa, invited associated professor from the University of Aveiro

15 - Application documents

1. at the time of the application:

- Letter of motivation (maximum: one A4 page).
- Degree certificate.

Foreign certificates shall be valid only if an issuing entity duly endorses them, 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.

- 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. Should the candidate be unable to produce a detailed *Curriculum Vitae*, 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 to deliver the said document until the awarding of the contract.**at the time of the awarding of the contract:**

- Necessary information for preparing the contract.

16 – Deadline for applications

Between 01 and 30 April 2025

17 - Formalization of applications

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

- electronic mail addressed to 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 postal registration considered for the purpose of compliance with the stipulated deadline.

In the last two cases, the applications shall be delivered in a sealed envelope, bearing the following information on the outside: como “Concurso para atribuição de uma bolsa de investigação pós-doutoral (BIPD), no âmbito da do projeto Geosustained: Avaliação da sustentabilidade de sistemas geotérmicos superficiais para Lisboa. Estudos de caracterização do comportamento térmico e termomecânico dos solos da cidade (NGUT – IP Ana Vieira)”.

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 ranked list of the evaluation results has been communicated, applicants may use their right to dispute it during the preliminary hearing phase, under the Administrative Procedure Code

(CPA).

The final decision can be claimed within 15 working days or appealed to the Board of Directors, within 30 working days, after the communication of the final results.

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 15. The applicants living outside 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

E-mail recrutamento@lnec.pt

Requirements

Research Field Engineering » Civil engineering

Education Level PhD or equivalent

Additional Information

Work Location(s)

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



Contact

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

Apply now [🔗 \(mailto:recrutamento@lnec.pt?subject=Research fellowship \(RF\), in the framework of the project "Geosustained - Sustainability assessment of shallow Geothermal systems for Lisbon. Characterization studies of the city soils thermal and thermomechanical behaviour"\)](mailto:recrutamento@lnec.pt?subject=Research%20fellowship%20(RF),%20in%20the%20framework%20of%20the%20project%20%22Geosustained%20-%20Sustainability%20assessment%20of%20shallow%20Geothermal%20systems%20for%20Lisbon.%20Characterization%20studies%20of%20the%20city%20soils%20thermal%20and%20thermomechanical%20behaviour%22).

 [Add to Favorites](#)

Share this page

-  X (formerly Twitter)
-  Facebook
-  LinkedIn
-  Whatsapp
-  More share options