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Job offer

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[LNEC, I.P.](#) | Posted on: 19 March 2025

Research fellowship (RF) in the scope of the research program E2I SAFEPORT - Risk and Safety on Ports and Maritime Structures

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19 Mar 2025

Job Information

Organisation/Company	LNEC, I.P.
Department	Human Resources and Facilities Services
Research Field	Engineering » Civil engineering Engineering » Mechanical engineering
Researcher Profile	First Stage Researcher (R1)
Positions	Bachelor Positions
Country	Portugal
Application Deadline	20 Apr 2025 - 23:59 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time
Is the job funded through the EU Research Framework Programme?	Not funded by a EU programme
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 do LNEC* (LNEC 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 program E2I SAFEPORT - Risk and Safety on Ports and Maritime Structures

3 – Financing source

LNEC own revenue

4 – Scientific area

Maritime Hydraulics

5 - Duration

The Grant shall be awarded for a 1-year period (for graduates or masters enrolled in a course issuing no academic degree) or 2 years (for candidates enrolled in MSc studies)

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

The aim of the work is to carry out numerical and physical modelling studies to assess the agitation, stability, overtopping and pressures on maritime structures in port and coastal areas. The impact of climate change will also be assessed.

The work plan is as follows:

- Literature review
- Application of numerical and physical models to assess the agitation, stability, overtopping, flooding and pressures on maritime structures in port and coastal areas, for current, storm or climate change scenarios. Implementation of video technologies
- Data Analysis and processing based on new technologies for video and photo processing
- Producing articles, papers, reports, technical notes and other documents, in close collaboration with the other members of the NPE.

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

The above activities shall be conducted at the Ports and Maritime Structures unit of the Hydraulics and Environment Department of LNEC, without prejudice to the possibility of performing temporary missions in Portugal.

10 - Qualifications

Eligible candidates are:

- Graduates or students enrolled in MSc studies in one of the following engineering fields: Civil, Mechanical, Environmental, Geographical, Naval or Technological Physics Engineering, Marine Sciences, Marine Geology or related areas;
- Graduates or masters in one of the mentioned fields and enrolled in a course issuing no academic degree integrated in an educational project of a higher education institution.

The candidates must be fluent in Portuguese and possess a good command of English.

Experience in physical modelling and on python language is preferential.

11 – Scientific supervision

The activities will be supervised by the Senior Researcher, Conceição Juana Espinosa Morais Fortes, from the Ports and Maritime Structures unit.

12 - Monthly allowance

The Grant shall include a [monthly allowance](#) in the amount of €1,118.00 or €1,395.00 and a daily food allowance of € 6.00, depending on the Grant fellow being Graduate or Master. The Grant 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:

Laura Maria Mello Saraiva Caldeira, President of the Board of Directors, principal researcher.

Members

Eduardo Manuel Cabrita Fortunato, principal researcher;

Maria do Rosário Silva Veiga, principal 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 duly 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.

- 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 March 20 to April 20, 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 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), in the framework the research program E2I SAFEPORT - Risk and Safety on Ports and Maritime Structures.

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

E-mail recrutamento@lnec.pt

Requirements

Research Field Engineering » Civil engineering

Education Level Bachelor Degree or equivalent

Research Field Engineering » Civil engineering

Education Level Master Degree 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

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