U.PORTO
FEUP FACULDADE DE ENGENHARIA
UNIVERSIDADE DO PORTO

1 Research Grant Announcement (M/F)

Call open for applications for a research grant within the framework of project "Climate modeling studies of EDP Produção's Climate Change Adaptation Plan — MC1 Water resources, competing uses and the electricity sector", contractual title Process Sinergie 006340722, the following conditions:

Scientific Area: Civil Engineering

Admission requirements: Candidates who cumulatively meet the following two requirements may apply for this grant:

Requirement 1:

- To be a student enrolled in a PhD in the area of Civil Engineering, requirement to be proven at the time of signing the contract,

or

- To be enrolled in a non-academic degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units, requirement to be proven at the time of signing the contract.

And

Requirement 2:

- Hold a master's degree in Civil Engineering or similar areas, with a hydraulics and water resources component.

If the degree has been awarded by a foreign higher education institution, it must comply with the provisions of the Decree-Law no. 66/2018, of august 16th, and any formalities established there must be fulfilled until the time of signing the contract.

Work plan: Collaboration in the different tasks of the project in charge of the FEUP team, namely: preparation of input data for hydrological models, hydrological modeling in natural regime and modified regime and characterization of water uses competing with the hydroelectricity sector and definition of scenarios of its evolution associated with climate change scenarios.

Legislation and regulations: Law Nº. 40/2004, of 18th August, in its current wording (Statutes of Scientific Research Fellow) and Regulation of Research Grants of University of Porto, in force.

Work place: The work will be developed at the Department of Civil Engineering – Hydraulics, Water Resources and Environment Section of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Professor João Pedro Gomes Moreira Pêgo.

Grant duration: Initial duration of 6 months, with the predicted starting date in May 2023, on an exclusive basis eventually renewable but never exceeding the project duration.

If the recruitment procedures do not allow the grant to last for a minimum of 3 consecutive months, in accordance with paragraph 2 of article 10 of the Research Regulation of Research Grants of University of Porto, the scholarship will not be awarded.

The eventual renewal of the scholarship will be carried out as determined in article 10 of the Regulation of Research Grants of University of Porto

Stipend: The grant stipend amounts to 1.199,64€ according to the table of scholarship values of the Regulation of Research Scholarships of the University of Porto. The payment will be made by bank transfer.

Selection procedure: The evaluation of candidates results from a curriculum assessment (70%) and a professional selection interview (30%).

In the curricular evaluation, based in the merit of the candidates, the following factors will be considered:

a) Academic degree: Master in Civil Engineering, with specialization in Hydraulics and Water Resources Management - 7 points; Master's Degree in Civil Engineering, without specialization in Hydraulics and Water Resources Management – 5 points; Master's degree in related areas (with Hydraulics and Water Resources Management component) - 4 points;

b) Research experience: in the area of water resources management - 5 points; in related areas - 3 points; in other areas - 1 point. Maximum score for the candidate(s) with the longest period of experience. For the rest, the score will be given in proportion.

c) Experience in hydrological modelling: in 1 project/study - 1 point; in more than 1 project/study or more than 1 year of experience - 4 points. Maximum score for the candidate(s) with the longest period of experience. For the rest, the score will be given in proportion.

d) Experience with geographic information systems (ArcGIS and/or QGIS): in 1 project/study - 1 point; in more than 1 project/study or more than 1 year of experience - 2 points.

e) Domain of the English language, spoken and written (fluent – 2 points; intermediate/independent level – 1 point).

Candidates will be classified on a scale of 1 to 20 points. Candidates who score less than 15 points in the Curriculum assessment will not be admitted to the interview.

During the interview, topics related to the work plan will be discussed and less clear points on the candidate's CV will be clarified.

Scoreboard:

President: Professor João Pedro Gomes Moreira Pêgo

Effective member: Professor Francisco Manuel de Oliveira Piqueiro

Effective member: Doctor Juliana Marina Moreira Mendes

Supplementary member: Professor Joaquim Manuel Veloso Poças Martins

Advertisement of final decision: The results of the evaluation will be released to the candidates by email to the email address indicated in the application process.

Deadline for applications and form of presentation of the applications: The call is open from **17/05/2023 to 30/05/2023** (until 23h59m, GMT time).

Applications must be formalized by email to rmaia@fe.up.pt and to recursoshumanos@fe.up.pt, clearly stating the reference **FEUP - modelação climática**, and including the following pdf documents: Motivation letter (in English or Portuguese), Curriculum Vitae (in English or Portuguese), Copy of certificates evidencing academic degree (referring the classification of each separated or integrated degree), and other documents considered relevant by the applicant.