

NOTICE FOR THE AWARD OF GRANTS IN THE SCOPE OF R&D PROJECTS AND INSTITUTIONS (M/F)

A tender is hereby opened for the award of one (1) **Research Grant** (RG) in the scope of R&D projects ALICE - *Air pollution: a stressor for environmental justice*, with the reference 2022.04351.PTDC, under the following conditions:

- 1. Scientific Area:** Environmental Sciences and Engineering or related areas
- 2. Funding Source:** Foundation for Science and Technology, I.P./MCTES, through national funds (PIDDAC)
- 3. Admission Requirements:** Masters in Environmental Engineering or related areas, who are enrolled in a doctoral program.

Preferential selection factors include having experience in numerical modeling of air quality and/or programming languages such as Python or Fortran.

The proof of enrolment must be made available until the contract is awarded, and the candidate may attach a [declaration of honor](#) to confirm that they meet the requirements.

If the qualification has been conferred by a foreign higher education institution it must be **recognized by a Portuguese higher education institution**, under the terms of the provisions of article 25 of Decree-Law no. 66/2018, of August 16th, which approves the legal regime of recognition of academic degrees and diplomas of Higher Education, attributed by foreign higher education institutions, and of paragraph e) of no. 2 of article 4 of Decree-Law no. 60/2018, of August 3rd, and any formalities established therein must be fulfilled by the date of the hiring act.

4. Eligibility: Applicants are eligible if they comply with paragraph a) of no.1 of article 2, of the Research Fellow Statute as amended by Decree-Law no. 123/2019, of August 28th, as well as nos. 1 and 2 of article 6 of the Research Grant Regulations of the Foundation for Science and Technology.

5. Work plan: The main objective of the work is to investigate the relationship between exposure to air pollutants, health and socioeconomic indicators. The work plan includes the analysis of data from these 3 indicators already collected; the development of scripts for processing this data, and support in simulations with an air quality model on a local scale to obtain a map of air quality and exposure to air pollution for the project case study (Porto).

6. Applicable legislation and regulations: Statute of Scientific Research Grant Holder, as amended by Decree-Law no. 123/2019, of August 28th; Regulation no. 950/2019, of November 29th, published in Diário da República, no. 241, Series II, of December 16th (FCT, I.P. Research Grants Regulation); Decree-Law no. 66/2018, of August 16th (Legal regime for recognition of academic degrees and diplomas of higher education awarded by foreign higher education institutions).

7. Workplace: The work will be carried out at the Department of Environment and Planning (DAO) and at UI-CESAM of the University of Aveiro, under the scientific supervision of Doctor Alexandra Monteiro.

8. Duration of the grant(s): The grant duration will be 12 months, starting in 01/09/2024, and may be renewed up to the maximum limit of approved funding. Under no circumstances shall it exceed the limits defined in nos. 3 and 4 of article 6, of Regulation no. 950/2019, of November 29th, published in Diário da República, no. 241, Series II, of December 16th (Research Grants Regulation of FCT, I.P.).

9. Amount of monthly maintenance allowance: The amount of the grant corresponds to 1.259,64€, according to the table of monthly maintenance allowance amounts set out in Annex I of Regulation no. 950/2019, subject to any updates that may be applicable, under the terms of no. 2 of article 18 of Regulation no. 950/2019, of November 29th, published in Diário da República, no. 241, Series II, of December 16th (Research Grants Regulation of FCT, I.P.). The fellow may also be reimbursed for the amount corresponding to the Voluntary Social Security, in case of adherence to this plan.

10. Selection methods: The selection criteria, evaluated on a scale of 0 to 20 points, will be as follows:

1. Curricular Assessment (CA):
 - 1.1. Academic qualifications and curriculum vitae in the scientific area requested (70%);
 - 1.2. Preferential factors (20%);
 - 1.3. Application letter and motivation (10%).

Final assessment = AC (100%)

The Interview (E) selection method may be used if the jury does not consider itself duly qualified to decide based on the curricular evaluation. For the interview, the three best candidates classified in the curriculum evaluation will be called, considering all others excluded from the competition. In this case, the final assessment will be expressed on a scale of 0 to 20 points, using the following formula: Final assessment = Curricular Assessment (60%) + Interview (40%).

The jury reserves the right not to admit candidates with a rating lower than 10 points for interview, as well as not to award the scholarship to candidates who, at the end of the entire evaluation process, have been evaluated with less than 14 points (scale from 0 to 20 points) /or not granting the scholarship if none of the candidates match the desired profile.

11. Composition of the Selection Jury: Chair: Maria Alexandra Castelo Sobral Monteiro, Assistant Researcher with Habilitation of the Department of Environment and Planning; Permanent members: Ana Isabel Miranda Full Professor of the Department of Environment and Planning and Myriam Alexandra dos Santos Batalha Dias Nunes Lopes, Associate Professor of the Department of Environment and Planning; Alternate members: Carla Gama, Junior Investigator of the Department of Environment and Planning and Elisabete Maria Melo Figueiredo, Associate Professor with Habilitation of the Department of Social, Political and Territorial Sciences, all of the University of Aveiro.

12. Deadline for applications and how to submit applications: The call is open from 11 to 24 of July, 2024 and only applications submitted within the deadline will be admitted. Applications should be sent by e-mail to dao-bolsaseconcursos@ua.pt, with Cc to alexandra.monteiro@ua.pt and with identification of the reference number in the email subject.

Applications must be formalized by sending the Research Grant Application Form, available at [Research fellows - sgrh - Universidade de Aveiro \(ua.pt\)](#), accompanied by the following documents:

- 1) Curriculum Vitae; Qualification certificates;
- 2) Application letter mentioning the title and reference of the project, describing the candidate's motivation;
- 3) Declaration of honor stating that it meets the requirements;
- 4) Other supporting documents considered relevant.

The candidate should also indicate the e-mail address to be notified for all purposes within the scope of this procedure.

Failure to comply with the deadline for submission of the application, as well as the incorrect formalization of the application, result in the exclusion of the application.

13. Form of publication/notification of results: The final results of the evaluation will be published through unitary ranking list posted on the University's subweb-DAO page within 90 working days after the final date of submission of the application, and the successful candidate will be notified by email. For the purposes of prior hearing of interested parties, the deadline of 10 working days is set, as provided for in the Code of Administrative Procedure. At the end of the period for hearing the interested parties, and in the absence of any response from them, the list of candidates will become final. Candidates may lodge a complaint against the final decision within 15 working days, or appeal to the maximum executive body of the funding entity within 30 working days after notification of the final decision, in accordance with the provisions of article 12 of the Research Grants Regulation of the Foundation for Science and Technology.

14. Tender duration: The final ranking list of candidates will be valid until 31/10/2024 for the purpose of constituting a reserve list for selection.

The models of the grant contract and of the final report to be prepared by the grant holder and the supervisor are available at [Research fellows - sgrh - Universidade de Aveiro \(ua.pt\)](#).

University of Aveiro,

Doctor Alexandra Monteiro

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