

Reference: **BII/CESAM/ClimACT/2023**

NOTICE FOR THE AWARD OF GRANTS IN THE SCOPE OF R&D PROJECTS AND INSTITUTIONS

A tender is hereby opened for the award of one **Starting Research Grant** under the R&D project ClimACT - Future Climate Atlas for Portugal for climate change impact and mitigation research, with the reference 2022.01896.PTDC, under the following conditions:

1. Scientific Area: Environmental Sciences and Engineering

2. Funding Source: Portuguese Foundation for Science and Technology (FCT-MCTES), through national funds (PIDDAC).

3. Admission Requirements: Students enrolled in undergraduate, integrated master's or master's degree in Environmental Engineering, Meteorology, Computational Engineering, or similar areas, in order to obtain initial scientific training integrated in research projects. Preference factors are interest in air quality modelling and air quality data analysis, experience in geographic information systems and programming.

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 for enrolment in an undergraduate degree, integrated master's or master's degree.

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 5 of the Research Grant Regulations of the Foundation for Science and Technology. The SRG(s) cannot be awarded to those who have already benefited from research grants directly or indirectly funded by FCT, awarded under the terms of the Research Fellow Statute and of no. 5 of article 5 of the aforementioned Regulation.

5. Work plan: Carrying out atmospheric and climate simulations with the WRF numerical weather forecast model; analysis of the climate change signal in several meteorological and climate variables (temperature, precipitation, wind, heat waves, fire risk indexes, surface solar radiation, among others); elaboration of scientific articles and communications in scientific conferences; support to other activities and research tasks of the research group where the candidate will be integrated.

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) & Centre for Environmental and Marine Studies (CESAM), of the University of Aveiro, under the scientific supervision of Doctor Alexandra Monteiro and co-supervision of Doctor David Carvalho.

8. Duration of the grant: The grant duration will be 6 months, starting in September of 2023, and may be renewed until the end of the funding period, but may in no case last more than one year, according to the terms of nos. 3 and 4 of article 5 of 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).

9. Amount of monthly maintenance allowance: The amount of the grant corresponds to €541.12, 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 methods to be used will be the following: Documental Curricular Evaluation (100%), where the items mentioned below will be evaluated with their respective valuation indicated in parentheses:

- Academic background (academic qualification and respective classification) (25%);
- Knowledge and experience in the area of air pollution and data analysis (50%);
- Knowledge and experience in geographic information systems and programming (python, javascript, R and/or other languages) (25%).

The jury reserves the right to exclude candidates who do not reach the minimum final score of 10 points, on a scale of 0-20 points, as well as not awarding the grant in case none of the candidates meet the desired profile.

If there are several candidates with equal or higher scores of 16 points (on a scale of 0 to 20) in the Documental Curricular Evaluation criterion, the jury will conduct an interview with this group of candidates. In this case, for the purpose of deciding on the scholarship award, the candidates from this group will be ranked according to the weighted average of the score obtained in each of the 2 criteria, as expressed by the following formula: Final Score = 0.6 x Documental Curricular Evaluation + 0.4 x Interview.

11. Composition of the Selection Jury: The jury responsible for the selection will be composed of: Dr. David Carvalho (Chair), Dr. Alexandra Monteiro (full), Professor Ana Isabel Miranda (full), Doctor Carla Gama(alternate) and Doctor Vera Rodrigues (alternate), all from the University of Aveiro.

12 Deadline for applications and how to submit applications: The call is open from 1 to 20 June 2023, and only applications submitted within the deadline will be admitted.

Applications must be formalized by sending the application form for research grants, available at Research fellows - sgrh - Universidade de Aveiro (<http://www.ua.pt/pt/sgrh/bolseiros>), accompanied by the following documents: a letter of application mentioning the title and reference of the project, describing the candidate's motivation, Curriculum Vitae adapted to these notice selection criteria, dated and signed, certificate of qualifications with final average and obtained classifications, proof of legal residence in Portugal (non-EU candidates only), motivation and cover letter. They shall also indicate the e-mail address to which by such indication they accept to be notified for all purposes within this procedure.

Applications should be sent by e-mail to cesam-concursos@ua.pt with Cc to alexandra.monteiro@ua.pt (in the Subject of the message the following reference of this Notice must be included)

13. Form of publication/notification of results: The final results of the evaluation will be published through an ordered list, by final mark obtained, posted on DAO's subweb at University's website, 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 the 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 December 2023 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 \(ua.pt\)](https://ua.pt/research-fellows-sgrh).

University of Aveiro, May 23, 2023


