

Reference: BI/CESAM/ClimACT/2024

NOTICE FOR THE AWARD OF RESEARCH GRANTS

A tender is hereby opened for the award of **1 Research Grant (RG)** 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: Web Communication and Technologies

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

3. Admission Requirements: Masters in Web Communication and Technologies, Computer Engineering or related areas, enrolled in non-academic degree courses integrated into the educational project of the University of Aveiro. Preference will be given to candidates with experience in: design and implementation of Web platforms, including prototyping, development and hosting on the Web, development of visualization systems for climate and meteorological data, manipulation of files in NetCDF format and their implementation on the Web, knowledge of programming languages such as JavaScript, React.js, HTML, CSS, knowledge of containerization and orchestration services such as Docker and software associated with geographic system information such as Geoserver, ArcGIS or THREDDS.

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: Are eligible candidates who comply with the provisions of paragraph a) of no. 1 of article 2 of the Research Fellow Statute, as amended by Decree-Law no. 123/2019, of 28 August, and with paragraphs 1 and 2 of article 6 of the Research Grants Regulations of the Foundation for Science and Technology. The RG awarded to graduates or masters who are enrolled in courses that do not confer an academic degree can only be awarded to those who do not exceed, with the conclusion of the scholarship contract in question, including possible renewals, a period accumulated two years in this type of scholarship, consecutive or interpolated, in accordance with paragraph 5 of article 6 of the aforementioned Regulation.

5. Work plan: investigation of interactive web visualization methods for climate and meteorological data; implementation and construction of interactive web platforms for visualizing of geo-referenced climate and meteorological data; support to other activities and research tasks of the research group where the candidate will be integrated.

6. Applicable legislation and regulations: Research Fellow Statute, as amended by Decree-Law No. 123/2019, of August 28th; Scientific Research Grant Regulation of the University of Aveiro, Regulation No. 292/2020, published in Diário da República No. 61, Series II, of March 26th; Decree-Law No. 66/2018, of August 16th (Legal regime of 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 Physics Department and Center for Environmental and Ocean Studies (CESAM) of the University of Aveiro, under the scientific supervision of Doctor David João da Silva Carvalho.

8. Duration of the grant: The grant duration will be of 6 months, starting in September 2024, and may be renewed for additional periods of 6 months, up to the maximum limit of approved funding (18 months). Under no circumstances shall it exceed the limits defined in nos. 5 and 6 of article 9, of Regulation no. 292/2020, of February 28th, published in Diário da República, no. 61, Series II, of March 26th (Scientific Research Grant Regulation of the University of Aveiro).

9. Amount of monthly maintenance allowance: The amount of the grant corresponds to €1,104.64, according to the table of values of monthly maintenance allowances, set out in Appendix III of the Scientific Research Grant Regulation of the University of Aveiro, subject to any updates that may occur and are applicable. 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: evaluation of the curriculum vitae (75%), motivation letter (10%) and interview (15%), in person or by videoconference. The jury reserves the right not to fill the place in the competition if it considers that there are no candidates who meet the requirements of the same.

11. Composition of the Selection Jury: The jury responsible for the selection will be composed by: Dr. David Carvalho (Chair), Dr. Susana Vaz (full), Professor Alfredo Rocha (full), Master Rui Silva (alternate) and Master Ricardo Vaz (alternate), all from the University of Aveiro.

12 Deadline for applications and how to submit applications: The call is open from 15 to 26 of July 2024, and only applications submitted within the deadline will be admitted.

Applications must be formalized by sending a letter of application accompanied by the following documents: Curriculum Vitae adapted to the this 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 david.carvalho@ua.pt and cesam-concursos@ua.pt

13. Form of publication/notification of results: The final results of the evaluation will be published through a list ordered by final grade obtained, posted on the University's website, within a maximum period of 90 working days after the final date of application submission, and the successful candidate will be notified through electronic mail, with a period of 10 working days being set for the purpose of prior hearing of interested parties, as provided for by the Code of Administrative Procedure. At the end of the period set for the hearing of interested parties and, in the absence of any response from them, the ranking list of candidates will become definitive. Candidates may lodge a complaint within 15 working days of the final decision, or appeal to the highest executive body of the financing entity within 30 working days after notification of the final decision, in accordance with the provisions of article 12 of the Regulation of Research Grants of the Foundation for Science and Technology.

14. Tender duration: The final ranking list of candidates will be valid until 31 of August 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, 17 of June 2024

David João de Silva Carvalho