



Reference: Edital BI/2023/CESAM/PTDC/ASP-SIL/3504/2020

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 ModelEco - Modeling ecosystem fluxes with time-since-wildfire from remotely sensed vegetation indices and meteorological data, PTDC/ASP-SIL/3504/2020, under the following conditions:

1. Scientific Area:

Environmental Sciences and Engineering, Remote Sensing, Physics, Geology, or related areas

2. Financing Source:

Portuguese Foundation for Science and Technology (FCT, I.P. – MCTES) through national funds (PIDDAC).

3. Admission Requirements: Master degree in Environmental Engineering, Remote Sensing, Physics, Geology, or related areas, enrolled in a non-academic degree course integrated into the educational project of the University of Aveiro.

(Consult courses: [Cursos - Universidade de Aveiro \(ua.pt\)](https://www.ua.pt) e [Formação na UA - formacao - Universidade de Aveiro](https://www.ua.pt))

If the Masters 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 in the wording given by Decree-Law no. 123/2019, of August 28th, and also the provisions of article 9 of the Scientific Research Grant Regulations of the University of Aveiro. The duration of the RG is, as a rule, annual, extendable to a maximum of two years, in the case of master's degrees, integrated master's degrees and non-degree courses, and the respective duration, including renewal, may be consecutive or interpolated, pursuant to no. 5 of Article 9 of the above mentioned Regulation.

5. Work plan: Conduct tasks related with work packages 2 and 4 of the ModelEco project proposal, namely: vegetation mapping based on field data, drone and satellite imagery; support the writing of scientific articles.



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 Centre for Environmental and Ocean Studies (CESAM) and Department of Environment and Planning, of the University of Aveiro, under the scientific supervision of Doctor Bruna R.F. Oliveira

8. Duration of the grant: The grant duration will be of 3 months, starting on November 1st 2023, and may be renewed for additional periods of 3 months, up to the maximum limit of approved funding. 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 €1199.64, 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:

- (i) Curriculum analysis (85%): Academic qualifications (20%); Proved experience and availability to perform field work, namely in forested areas (25%); Proved experience in GIS tools (25%); Proved experience in remotely sensed and vegetation data analysis and treatment (20%); Previous scientific publications (10%).
- (ii) Availability to start functions (15%).

The jury reserves the right to exclude candidates that do not achieve a final classification of 10 out of 20 points (weighed i) and ii)) and to not to fill the place in the competition if it considers that there are no candidates who meet the requirements of the same.

If necessary to proof the merit of the candidates, the best candidates (2 to 5) with a final score higher than 10 points (weighed i) and ii)) will be called for an interview. In this case, the new final score will be 75% for items i) and ii), and 25% for the interview.

11. Composition of the Selection Jury:

President: Doctor Bruna R.F. Oliveira, Researcher at University of de Aveiro;

1st member: Doctor M.G. Pereira, Professor at University of de Aveiro;

2nd member: Doctor Nuno A.F. Vaz, Professor at University of de Aveiro;



1st substitute member: Doctor J. Jacob Keizer, Researcher at University of de Aveiro;

2nd substitute member: Doctor Glória C.C.C. Pinto, Professor at University of de Aveiro.

12 Deadline for applications and how to submit applications: The call is open from September 27th 2023 to October 13th 2023, and only applications submitted within the deadline will be admitted.

Applications must be formalized by sending a letter of application (<https://www.ua.pt/file/68703>) 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 recognition of the degree by a Portuguese higher education institution (if applicable); proof of enrollment in non-degree course or declaration of honor (according to the admission requirements); proof of legal residence in Portugal (non-EU candidates only); Cover and motivation letter specifying how the candidate meets the admission, eligibility and assessment criteria, and information on availability to start duties; Preferably 1 or 2 recommendation letters with contact of issuer. 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 bruna.oliveira@ua.pt

13. Form of publication/notification of results: The results of the evaluation shall be made public no later than 90 working days after the closing date for submission of applications and shall be notified to the applicants. The candidates are informed, in a prior hearing, under the terms established in the Code of Administrative Procedure, of the probable meaning of the final decision, and may, within 10 working days of this notification, express their opinion on this decision. The final results may be appealed to the Rector, to be submitted within 10 working days from the respective notification.

14. Tender duration: The final ranking list of candidates will be valid until 01 february 2023 for the purpose of constituting a reserve list for selection.