



UNIVERSIDADE DE ÉVORA

MED – MEDITERRANEAN INSTITUTE FOR AGRICULTURE, ENVIRONMENT AND DEVELOPMENT

SCHOLARSHIP FOR BSc PROFESSIONAL OR MSC STUDENT - 1 VACANCY

8th of November of 2023

A call for tenders is open for 1 Scholarship for a motivated individual with a Bachelor's degree or currently attending a Master's program within the scope of the sub-project "*Towards a mechanistic experimental-modelling approach to quantify the carbon balance of irrigated olive groves in Alentejo: Expanding the current monitoring program and exploring different soil-water C-dynamics modelling approaches*", within the Project "MED: Base Funding 2020-2023", reference UIDB/05183/2020, financed by national funds through FCT/MED/UÉvora, under the following conditions:

Scientific area: Physical Geography, Engineering, or similar area.

Admission requirements:

- (1) BSc in one of the following areas: Geography, Water Resources Engineering, Environmental Engineering, or a similar area.
- (2) Professional or academic experience in hydrology, soils, or water quality.
- (3) Demonstrated analytical capacity (e.g., Excel, Python, R or Matlab).
- (4) Driver's Licence of vehicles of type B.
- (5) Candidate should be comfortable with both English and Portuguese, written and spoken.

As set forth in FCT Research Scholarship Regulation No. 950/2019 of December 16, 2019, articles 3 and 6, candidates for "BI" (Research Grants) must comply as a rule condition for the award of the scholarship, the effective inclusion in study cycles leading to the attribution of academic degrees or in courses not leading to an academic degree. Courses that do not confer an academic degree correspond to the courses provided for in subparagraph e) of paragraph 3 of article 4 of Decree-Law No. 74/2006 of 24 March and must be developed in a higher education institution in association with at least one R&D unit, including a course plan in one or several research areas of the unit.

Work plan: The researcher will be integrated into the research teams of the SUSTAINOLIVE and SOLVO/SOLVIT projects and will contribute to the following tasks:

- 1) Support field monitoring campaigns, particularly those focused on mass and carbon balances,



UNIVERSIDADE DE ÉVORA

- 2) Review existing prediction methods for water and carbon balances,
- 3) Apply a tool for the prediction of mass and carbon balances, and
- 4) Support the drafting of a research paper.

Applicable legislation and regulations: The granting of the Research Scholarship will be carried out upon the signing of a contract between the University of Évora and the scholarship holder, as set in the template [former.fct.pt/apoios/Minuta_Contrato_Bolsa.docx](https://www.fct.pt/apoios/Minuta_Contrato_Bolsa.docx), pursuant to the Research Scholarship Statute (Law No. 40/2004 of August 18 and Decree-Law No. 123/2019 of August 28) and in accordance with the legislation and Regulation of Research Grants of the Foundation for Science and Technology, IP in force, regulation nº950/2019 of December 16, 2019: <https://files.dre.pt/2s/2019/12/24100000/0009100105.pdf> and other applicable rules.

Place of work: The work will be developed at MED-Mediterranean Institute for Agriculture, Environment and Development and CHANGE located at the Mitra Campus of the University of Évora, under the scientific guidance of Professor Diogo Costa (MED-EU), Doctor Sérgio Prats Alegre (MED-EU), and Professor José Muñoz (MED-EU).

Duration of the scholarship(s): The scholarship will have a duration of 4 months, starting tentatively on January of 2024. The scholarship contract may be renewed depending on budget availability.

Amount of monthly maintenance allowance: The amount of the scholarship corresponds to €930.98, according to the table of scholarships awarded directly by FCT, I.P. in Portugal (https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdf), payments being made monthly by check or bank transfer.

Selection methods: The selection methods to be used will be the following:

- (1) Academic background – 30%
- (2) Relevance of professional experience to the proposed activities of this project – 70%
- (3) If necessary, the jury will interview the 5 candidates with the highest scores. At this stage, the following evaluation metrics will be used:
 - a. Prospects of personal and professional benefit – 25%
 - b. Communication skills and motivation to join the research team – 40%
 - c. English skills – 25%
 - d. Individual interview – 10%

In case none of the candidates in the competition meets the appropriate profile, the jury reserves the right to close the competition without selecting a candidate. In case of a tie, in order to select the first-placed candidate, the candidates with the same classification will be submitted to an interview in which the following aspects will be assessed:

- ability to express themselves and communicate;



UNIVERSIDADE DE ÉVORA

- motivation for teamwork;
- expectations of personal and professional development;
- verification of the professional experience stated on the CV;
- verification of level of knowledge of the En

Composition of the Selection Jury:

President – Professor Dr. Diogo Costa

1º Jury – Dr. Sérgio Prats Alegre

2º Jury – Professor Dr. José Muñoz Rojas

1º Jury backup – Professor Dr. António Antunes Martins

2º Jury backup – Dr. Maria Rivera

Advertising/notification of results: The final results of the evaluation will be publicized, through an ordered list alphabetically, by final grade obtained or otherwise posted in a visible and public place at MED-UE, being the candidate approved notified through email, official letter or other).

To ensure the right of prior hearing of interested parties, the Final Classification project will be announced by any written means to all interested parties.

After communicating the provisional list of the results of the evaluation, candidates have a period of 10 working days to express their opinion in a preliminary hearing of interested parties.

Application deadline and submission of applications: The tender is open from the 15th of November 2023 to the 6th of December 2023, and the results of the selection will be published by the 31st of December 2023.

Applications must be formalized, obligatorily, by sending an application letter with the following documents:

- 1) Curriculum Vitae
- 2) Certificate of qualifications,
- 3) Motivation letter
- 4) One recommendation letter

For the purposes of the application, the evidence may be replaced by a declaration of honour signed by the candidate, but the failure to demonstrate that evidence, in the contracting phase, possession of the required degree on the deadline for application or the non-presentation of proof of enrolment in the study cycle or non-degree course, for scholarships with this component, imply the cancellation of the candidate's application.



UNIVERSIDADE DE ÉVORA

Academic degrees obtained in foreign countries require registration by a Portuguese Institution in accordance with Decree-Law no. 66/2018, of August 16 and Ordinance No. 33/2019, of January 25th.

The presentation of the certificate is mandatory for the signing of the contract. More information can be obtained at: <https://www.dges.gov.pt/pt/pagina/recognition?plid=374>

Applications must be sent by email to:

Professor Diogo Costa
MED, University of Évora
e-mail: diogo.costa@uevora.pt