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#### 1. Descrição do cargo/posição/bolsa 1. Job description

**Job:**  
Professor Auxiliar

**Job/Fellowship Reference:** INVEST\_AUXI\_GEO/MATERIAIS

**Main research field:** Engineering

**Sub research field:** Materials Engineering

#### Job summary:

**VACANCY FOR A RESEARCH FELLOW - Auxiliary Researcher for the scientific area of ?? Materials Science or Geological Engineering**

#### Job description:

#### VACANCY FOR A RESEARCH FELLOW

**Auxiliary Researcher for the scientific area of ?? Materials Science or Geological Engineering**

#### Edital nº 674/2019 (2ª série), de 27 de maio

By order dated March 13<sup>th</sup> 2019 of the Rector of the University of Évora is open, for a period of 30 working days, from the date of publication of this notice in the Diário da República, without prejudice to disclosure in the Public Employment Platform, on the Internet sites of the Foundation for Science and Technology, and on the electronic page of the University of Évora (UÉ), in Portuguese and English languages, international documental competition for the recruitment of an Auxiliary Researcher for the scientific area of ?? Materials Science or Geological Engineering or related area, for the Institute of Research and Advanced Training, a constant place in the personnel map of this University in the modality of employment contract in public functions for an indefinite period. The present tender is governed by the provisions set forth in articles 9, 10 and 15 of Decree-Law no. 124/99, of April 20, which approved the Statute of the Career of Scientific Research, hereinafter referred to as ECIC.

Pursuant to Article 9 (h) of the Constitution, the Public Administration, as an employer, actively promotes a policy of equality of opportunity between men and women in accessing employment and professional advancement, scrupulously taking care to avoid any discrimination.

Interested parties are informed that this tender is covered by Decree-Law no. 57/2016, of August 29, amended by Law no. 57/2017, of July 19, as part of the Program for Stimulating Scientific Employment financed by FCT, after approval in the Contest Stimulus to Scientific - Institutional Employment.

In accordance with the provisions of articles 16 to 27 of the ECIC and other applicable legislation, the following provisions shall be observed:

1- General and special admission requirements:

1.1. General requirements: those defined in article 17 of the General Labor Law in Public Functions (LTFP), approved by Law no. 35/2014, of June 20.

1.2. Special requirements: those defined in article 10 of the ECIC, that is, individuals with a doctoral degree in the scientific area of ??the contest or, even, those who, although of diverse area, have relevant scientific curriculum in this area and also the auxiliary researchers of another institution, of the scientific area of ??the

contest or, even, those that, although of diverse area, possess relevant scientific curriculum in that area.

1.3. If the PhD has been awarded by a foreign higher education institution, the candidates are admitted to the procedure, according to paragraph e) of paragraph 2 of article 4 of Decree-Law nº 60/2018, of 3<sup>th</sup> August. The registration/recognition of the degree in Portugal is

effected after the end of the tender, under the terms defined in Decree-Law nº 66/2018, of 16<sup>th</sup> August; that registration/recognition is a necessary step for contracting.

2- Place of work: Laboratory LITHOS (Colégio Luis António Verney) in Évora.

3- The gross monthly remuneration corresponds to the index 195, level 1, of the category of auxiliary researcher, as mentioned in Annex I of the ECIC.

4- Formalization of applications:

The applications are submitted through an application addressed to the Rector of the University of Évora, under the following terms and conditions:

4.1. The application must contain, among others, the following elements:

- a) Identification of the tender;
- b) Identification of the candidate by full name, date and place of birth, nationality, civil identification number and expiration date, profession, marital status, residence and mailing address, electronic and telephone contact;
- c) Indication of the category and institution in which provides service, when applicable;
- d) Indication of the degrees held by the candidate;
- e) Mention that the candidate declares that the elements or facts contained in the application are true.

4.2. The application is accompanied by the following documentation:

- a) Certificate (s) proving the ownership and date of the degree and title required for the application;
- b) Certificate / declaration of time of service issued by the service if there is a connection to the public function;
- c) Two paper copies, duly signed and dated, and one in digital format (pdf) of the curriculum vitae of the candidate indicating his / her scientific work where, in accordance with Article 16 (3) of the ECIC, , professional experience and training, outreach and technology transfer, scientific supervision and management that are considered relevant to the competition, namely, identifying the activities developed in the different aspects that, according to Article 5 of the ECIC, of functions to be performed by an auxiliary investigator.

In the curriculum vitae, up to five works which the candidate considers most representative for the development and evolution of the scientific area in which the competition is open and for which a brief justification of his contribution should be presented;

- d) Two paper copies and one in digital format (pdf) of the scientific articles published in international journals mentioned in the curriculum vitae and other works that the candidates consider relevant for the jury's consideration;
- e) Other diplomas or certificates of the courses referred to in the curriculum vitae;
- f) Certificate attesting to the physical robustness and the psychic profile, indispensable to the exercise of the functions;
- g) Updated mandatory vaccination report.

4.3. The documents referred to in points (f) and (g) of the preceding paragraph may be replaced by a declaration given in the application, where, in separate paragraphs, the candidate must define his precise situation with respect to the content of each of those subparagraphs.

4.4. In the application or in a separate document, candidates must declare, under commitment of honor, their precise position as regards the content of each of the following points:

- a) Nationality;
- b) Compliance with military duties or civic service, when required;
- c) Not be inhibited from exercising public functions or prohibited for the exercise of the functions to which he/she is applying.

4.5. Failure to comply with the deadline for submitting the application, as well as the failure to present or submit the documents referred to in points a) to e) of paragraph 2.2 of this notice, determine the exclusion of the application.

4.6. The application and the other application documents must be presented in Portuguese in person during normal business hours at the address indicated below, or sent by registered post by the end of the deadline, to the University of Évora, Division of Human Resources, Administrative Services, Largo da Senhora da Natividade, Apartado 94, 7002-554 Évora.

4.7. By decision of the Jury, the candidate may be requested to provide additional documentation on the submitted curriculum, as well as public hearings of the admitted candidates.

5 - Jury of the contest:

5.1. The jury of the contest has the following composition:

President: Rector of the University of Évora

Vowels:

Doutor José António Paulo Mirão, Prof. Auxiliar com agregação da Universidade de Évora;

Doutora Rita Maria Ferreira Fonseca, Profª Auxiliar da Universidade de Évora;

Doutor António Santos Silva, Investigador Auxiliar do Laboratório Nacional de Engenharia Civil;

Doutor João Manuel Oliveira Mimoso, Investigador Coordenador do Laboratório Nacional de Engenharia Civil;

Doutor Rui Jorge Cordeiro Silva, Prof. Auxiliar da Universidade Nova de Lisboa.

5.2. In the exercise of her competence, the Rector may delegate the presidency of the jury to a Vice-Rector, a Director of Organic Unit or a Director of Research Center.

5.3. The Rector appoints the Secretary of the Jury of the tender, among a University worker.

6- Formal evaluation of applications: The Secretary of the competition will inform the candidates of the admission or non-admission of the competition, which will be based on the fulfillment or non-fulfillment by them of the general and special requirements in point 1 of this notice and the correct or incorrect formalization of the candidatures according to point 4 of this notice. The excluded candidates are notified for the hearing of the interested parties, in accordance with the terms of the Code of Administrative Procedure.

7- Methods and evaluation criteria:

7.1. The Jury will respect the rules of operation established in the ECIC.

7.2. This invitation to tender is, in accordance with Article 9 (a) and Article 10 (2) of the ECIC, a documental competition that will constitute an assessment of the candidates' curriculum vitae and scientific work, and the Jury, in accordance with (2) and (3), decide to conduct an interview in order to obtain clarification of elements contained in the curricula of the admitted candidates.

7.3. The Jury may decide to exclude candidates who, in absolute merit and considering the overall curriculum in their scientific, technical, professional and performance aspects in other activities relevant to the university's mission, do not fall within the scientific area or areas to which respect the tender or do not reach the level of quality compatible with the category for which it was opened. In this case, the candidates will be notified by the Secretary of the jury deliberation, for the purposes of the prior hearing.

7.4. In the evaluation of candidates admitted on absolute merit, the following criteria shall be used:

a) Quality of the scientific and technical work of the candidates, with a weighting factor of 40% considering:

a.1) Scientific publications: a parameter that takes into account books, chapters of books, articles in scientific journals and in international conference proceedings of which the candidate was author or co-author, considering: Its nature; The impact factor and the number of citations; The scientific / technological level and innovation; Diversity and multidisciplinary; International collaboration; The importance of contributions to the advancement of the current state of knowledge. The importance of the works that have been selected by the candidate as more representative, namely as regards their contribution to the development and evolution of the scientific area for which the competition is open;

a.2) Coordination and participation in scientific projects: parameter that takes into account the participation and coordination of scientific projects by the candidate, subject to competition on a competitive basis, considering: Territorial scope and its dimension; The technological level and the importance of the contributions; Innovation and diversity;

a.3) Creation and strengthening of laboratory resources: a parameter that takes into account the participation and coordination of initiatives by the candidate that have resulted in the creation or reinforcement of experimental laboratory infrastructure to support research;

a.4) Recognition by the international scientific community: parameter that takes into account Prizes of scientific societies; Editorial activities in scientific journals; Participation in editorial bodies of scientific journals; Coordination and participation in program committees of scientific events; Holding of invited lectures in scientific meetings or in other institutions; Participation as a member of scientific societies of competitive admission and other similar distinctions;

a.5) Authorship and co-authorship of patents taking into account their nature, territorial scope, technological level and the results obtained.

b) Provision of service to the community and transfer of technology, with a weighting factor of 10% considering:

b.1) Industrial and intellectual property;

b.2) Publications of scientific and technological divulgation: parameter that takes into account the articles in magazines and national conferences and other publications of scientific and technological diffusion, taking into account their professional and social impact;

b.3) Provision of services and integrated consultancy in institutional mission: a parameter that takes into account participation in activities involving the business community and the public sector, taking into account the type of participation, size, diversity, technological intensity and innovation;

b.4) Services to the scientific community and society: a parameter that takes into account the participation and coordination of scientific and technological dissemination initiatives and taking into account the nature and results achieved by them, when carried out: the organization of congresses and conferences; of the media; of companies and the public sector.

c) Professional Experience and Training, with a weighting factor of 40% considering:

c.1) Level and adequacy of the degrees and academic qualifications and professional qualifications as well as the professional experience of the candidate to the exercise, of functions of auxiliary researcher in the scientific area of the contest, particularly in the parameters and / or topics considered preferential namely in characterization and preparation

of geological materials (sediments, ores and rocks) including chemical analysis, physical analysis (porosity, permeability, etc) and mechanical testing (compression, flexion, abrasion, etc) and in-situ environmental analysis.

d) Contributions in activities of scientific orientation, which was given a weighting factor of 10% considering:

d.1) Supervision of students, trainees and research fellows: a parameter that takes into account the orientation of doctoral students, master's and undergraduate students, trainees and research fellows taking into account the number, the quality, scope and scientific / technological impact of the resulting publications, theses, dissertations and final course papers, distinguishing especially the awarded works and the international recognition;

d.2) Vocational training actions: a parameter that takes into account the participation and coordination of technological training actions directed at companies and the public sector, taking into account their nature, technological intensity and results achieved;

7.5. The ordering of the candidates results from the weighted average of the quantitative classifications obtained in each of the evaluation parameters, within a scale of 0 to 100 points.

8 - Voting order and methodology:

8.1. The order of the candidates must be based on the evaluation made on the basis of the evaluation criteria and parameters and corresponding weighting factors contained in this notice.

8.2. The Jury can only deliberate when at least two thirds of its members are present and when the majority of the members present are external.

8.3. Before the voting begins, each member of the jury presents a written document, which will be attached to the minutes, with the ordering of the candidates, duly substantiated, considering for that purpose the one mentioned in the previous number.

8.4. In the various votes, each member of the jury must respect the order presented, and no abstentions are allowed.

8.5. In the ranking of the candidates each member of the Jury will place the candidates in descending order of the scores obtained.

8.6. It is with the signed and ordered list of the candidates that each member of the Jury participates in the votes for the first place, for the second place, and so on, until the final ordering of all the candidates admitted in absolute merit.

8.7. In the process of ranking the candidates, all decisions of the Jury are taken by absolute majority.

8.8. If, in each vote, the absolute majority is not reached by any of the candidates, it shall be repeated, successively, to the exclusion of the least voted candidate until an absolute majority of one of the candidates is obtained. In the event of a tie to the position of least voted, a vote or tie-vote shall be held to decide which candidate to exclude.

9- Stakeholder participation and decision:

9.1. The final ordering is notified to the candidates, in order to hold the hearing of the interested parties, pursuant to article 121 of the Code of Administrative Procedure.

9.2. At the hearing of the interested parties, the jury will evaluate the allegations, if any, and approve the final ordering list of the candidates. In the absence of allegations from the candidates, the final ordering is deemed to be automatically approved.

University of Évora, May 14<sup>th</sup> 2019, The Rector, Ana Costa Freitas (Phd)

**Vacant posts:** 1

**Type of contract:** Permanent

**Job country:** Portugal

**Job city:** Évora

**Job company/institute:** Universidade de Évora

**Application deadline:** 10 Julho 2019

*(The Application's deadline must be confirmed on the Job Description)*

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## 2. Dados de contactos da organização 2. Organization contact data

**Organization/institute:** Universidade de Évora - UE

**Address:**

Largo dos Colegiais 2  
Évora - 7004-516 Évora  
Portugal

**Email:** [drhsc@uevora.pt](mailto:drhsc@uevora.pt)

**Website:** <http://www.uevora.pt/>

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**3. Habilitações académicas**  
**3. Required education Level**

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**4. Línguas exigidas**  
**4. Required languages**

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**5. Experiência exigida em investigação**  
**5. Required research experience**

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