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Universidade de Évora - UE

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

Job:

Investigator

Job/Fellowship Reference: Investigador - Área científica de Ciências da Terra e do Ambiente

Main research field: Not available

Sub research field:

Job summary:

By order dated 05/06/2020 of the Rector of the University of Évora, it was deliberated to open an international selection contest for the position of doctor for the exercise of scientific research activities in the scientific area of Earth and Environmental Sciences, specialization in Remote Sensing under a fixed term public service work contract regime with the duration of three years, possibly renewable for periods of one year up to a maximum duration of six years, pursuant to Decree-Law No. 57/2016, of 29 August and the Regulation for the Evaluation of the Performance of Doctoral Researchers at the University of Évora, published by Order No. 7123/2019 (2nd series), of August 9, for the purposes provided for in the first clause, in order to carry out the functions of researcher, including: The Mediterranean Institute for Agriculture, Environment and Development (MED) is committed to the development of a research domain focused on the use of Earth Observation Satellite technology to better assess and support the sustainability of the Mediterranean agriculture, forestry, and ecosystems. Through the synergy of multiple disciplines (ecology, plant physiology, soil science, hydrology, climatology, and geo-computation sciences), the successful applicant will be responsible to promote and conduct applied research in cutting-edge remote sensing and geospatial methodologies for better understand how climate and land use changes can alter the structure, function, productivity and resilience of the Mediterranean ecosystems. In addition, the successful applicant is expected to lead/contribute to: i) the development of national and international project proposals; ii) PhD supervision; iii) organization of advanced courses in the field of remote sensing and geospatial sciences; iv) collaborate with other MED researchers in order to promote interdisciplinary activities internally; and v) stimulate research collaborations with other national and international research institutions focused on remote sensing applications in dryland ecosystems. The selected candidate may have to ensure 4 hours of weekly classes in curricular units that may be distributed to them.

Job description:

ANNOUNCEMENT OF OPENING OF AN INTERNATIONAL SELECTION CONTEST PROCEDURE FOR CONTRACTING A DOCTOR UNDER ARTICLE 23 OF THE DECREE-LAW N.º 57/2016, OF 29TH AUGUST. Universidade de Évora. Aviso (extracto) nº10074/2020, de 6 de julho. 1. By order dated 05/06/2020 of the Rector of the University of Évora, it was deliberated to open an international selection contest for the position of doctor for the exercise of scientific research activities in the scientific area of Earth and Environmental Sciences, specialization in Remote Sensing under a fixed term public service work contract regime with the duration of three years, possibly renewable for periods of one year up to a maximum duration of six years, pursuant to Decree-Law No. 57/2016, of 29 August and the Regulation for the Evaluation of the Performance of Doctoral Researchers at the University of Évora, published by Order No. 7123/2019 (2nd series), of August 9, for the purposes provided for in the first clause, in order to carry out the functions of researcher, including: The Mediterranean Institute for Agriculture, Environment and Development (MED) is committed to the development of a research domain focused on the use of Earth Observation Satellite technology to better assess and support the sustainability of the Mediterranean agriculture, forestry, and ecosystems. Through the synergy of multiple disciplines (ecology, plant physiology, soil science, hydrology, climatology, and geo-computation sciences), the successful applicant will be responsible to promote and conduct applied research in cutting-edge remote sensing and geospatial methodologies for better understand how climate and land use changes can alter the structure, function, productivity and resilience of the Mediterranean ecosystems. In addition, the successful applicant is expected to lead/contribute to: i) the development of national and international project proposals; ii) PhD supervision; iii) organization of advanced courses in the field of remote sensing and geospatial sciences; iv) collaborate with other MED researchers in order to promote interdisciplinary activities internally; and v) stimulate research collaborations with other national and international research institutions focused on remote sensing applications in dryland ecosystems. The selected candidate may have to ensure 4 hours of weekly classes in curricular units that may be distributed to them. 2. Applicable legislation: Decree-Law no.

57/2016 of 29th August, which approves the doctor hiring regime destined to stimulate scientific and technological employment in all areas of knowledge (RJEC). General Public Service Labour Law (LTFP), approved in annex to Law no. 35/2014 of 20 June, under its current wording. 3. Pursuant to article 16 of Decree-Law no. 57/2016 of 29th August, this contest procedure shall be exempt from authorization by the Government members in charge of the areas of Finances and Public Administration, namely that mentioned in nº 3 of article 7 of the LTFP; from obtaining a prior favourable opinion from the Government members in charge of the areas of Finances and Public Administration, mentioned in nº 5 of article 30 of the LTFP, and the recruitment process for workers in a requalification position, mentioned in article 265 of the LTFP. 4. Pursuant to article 13 of the RJEC, the contest selection panel has the following composition: President: Rector of the University of Évora. Members: Doutora Maria Teresa Pinto Correia, Professora Catedrática da Universidade de Évora Doutor Gottlieb Basch, Professor Associado da Universidade de Évora; Doutor Artur Gil, Professor Auxiliar da Universidade dos Açores; Doutor José António Tenedório, Professor Associado da Universidade Nova de Lisboa; Doutor Carlos Alberto Correia Guerrero, Professor Auxiliar da Universidade do Algarve 5. The place of work is situated in the R&D Unit MED (Mediterranean Institute for Agriculture, Environment and Development) of the University of Évora. 6. The monthly remuneration to be paid is 3.201,39€ corresponding to auxiliar researcher, 1st salary position in agreement with the Estatuto da Carreira de Investigação Científica, Decreto-Lei nº 57/2016 and in the Decreto Regulamentar nº 11-A/2017, from 29th December. 7. Any national, foreign and stateless candidates who hold a doctorate degree recognized in Portugal, in scientific area or domain of the call or those with a doctoral degree in a different scientific area but have a relevant scientific curriculum in the area, with the doctorate degree for more than 5 years, and a scientific and professional curriculum whose profile is suited for the activity to be performed can submit their applications. The candidates must have: Expertise in remote sensing applications in Mediterranean ecosystems; Experience in programming in R/Python (or other languages) for remote sensing data processing; Expertise in designing and implementing advanced statistical approaches for Big Data analysis (e.g. machine learning algorithms); Experience in accessing and processing satellite EO data archives using cloud computing platforms (e.g. Google Earth Engine); Experience in field-data collection for calibration and validation of remote sensing-derived products; Experience in different remote sensing applications (e.g. agriculture, forestry, biodiversity conservation, etc.); Good track record of scientific publications in ISI recognized journals, demonstrating scientific competence and independence; Diversified work experience, including international experience and collaborations with different research teams within MED or with teams in similar scientific domains. If the candidate is not Portuguese or English native speaker, he/she must have language skills level C1 of the Common European Framework of Reference for Languages in, at least, one of these languages. If the candidate is not Portuguese or English native speaker, he/she must have language skills level C1 of the Common European Framework of Reference for Languages in English. If the candidate does not is not a native Portuguese speaker, he/she must add a certificate of his/her level of Portuguese or a declaration of his/her willingness to learn Portuguese in order to be able to express him/her self in written and spoken language, after 12 months of the start of the contract. 8. General contest admission requirements are those specified in article 17 of the LTFP and special requirements are those specified in the previous section. 9. Pursuant to article 5 of the RJEC, selection is to be made based on the evaluation of the scientific and curricular career of the candidates. 10. The evaluation of the scientific and curricular career focuses on relevance, quality and up-to-dateness: a) Of the scientific, technological, cultural or artistic production in the last five years, deemed most relevant by the candidate; b) Of research activities, applied or based on practical work, and collaboration with private enterprises and/or public administration, developed in the last five years, and considered of greatest impact by the candidate; c) Of knowledge extension and dissemination activities developed in the last five years, namely in the context of the promotion of culture and scientific practices, considered of greatest relevance by the candidate; d) Of science, technology and innovation programme management activities, or experience in observing and monitoring the scientific and technological or higher education system in Portugal or abroad. e) Research plan for 4 years in applied remote sensing, with its contributions to the aims of one or more Thematic Lines of MED; f) Interview, in case the evaluation committee considers the relevance of listening to the candidates. The interview includes a presentation by the candidates of their experience and of their strategic project proposal for their work in the R&D Unit; 11. The five-year period mentioned above can be extended by the panel, if requested by the candidate, whenever the suspension of scientific activities is founded on socially protected grounds such as paternity leave, long-term serious illness, and other legal situations of unavailability to work. 12. In the application of the criteria referred to in point 10, the following parameters and weight factors are evaluated: Criterium a) with weight factor of 50%, which includes Criterium b) with weight factor of 10%; Criterium c) with weight factor of 5%; Criterium d) with a weight factor of 5%. Criterium e) with a weight factor of 20% Criterium e) Interview, with a weight factor of 10% In all cases relevance will be given to indicators and activities which fall in the area of Science Management and Cooperation and especially the themes referred to in point 1. 13. The interview referred to in point 12 comprises a discussion session by the candidates about the results of their research and the research program proposed. 14. The system of final classification is expressed on a scale of 0 to 100. 15. The panel shall deliberate by means of roll call vote justified under the adopted and disclosed selection criteria, with no abstentions allowed. 16. Minutes of panel meetings shall be elaborated and will include a summary of all occurrences, as well as of all votes cast by the members and their respective reasoning, and shall be provided to candidates whenever requested. 17. After concluding the application of the selection criteria, the panel will prepare an ordered list of approved candidates and their respective classification. 18. The panel's final decision will be validated by the head of the institution, who is also in charge of deciding about the contracting. 19. Formalization of candidatures: 19.1 Candidatures are formalized by way of an official request form, available at the e-mail address of the Administrative Services of the University of Évora, <http://www.sadm.uevora.pt>, sent to the President of the Jury, which includes the identification of this announcement (Ref. MED-03), full name, parents' names, ID card or Citizen Card number and date or civil identification number, taxpayer ID number, date and place of birth, marital status, occupation, residence and contact address, including email address and telephone. 19.2 The application for admission to the contest is accompanied by the following documents: a) Documents proving the fulfilment of the conditions set out in points 7 and 8 for admission to this contest, namely, certificate of the degrees and titles required and certificate of length of service; b) Curriculum Vitae of the candidate, indicating the outputs and works carried out and published, as well as the scientific, artistic and/or technological activities developed. The curriculum vitae must be prepared taking into account the evaluation parameters referred to in points 10 and 12; c) Copy of papers selected by the candidate as most representative of their curriculum vitae up to a maximum of 5. d) Research

plan for 4 years in applied remote sensing, with its contributions to the aims of one or more Thematic Lines of MED; 19.3 Candidates should submit their application request and supporting documentation, preferably in digital form, in PDF format, to the email drhsc@uevora.pt, in person at the Universidade de Évora – Divisão de Recursos Humanos (DRH), Serviços Administrativos, Largo da Sr.ª da Natividade, Apartado 94, 7002-554 Évora, Portugal, during working hours, or by mail to the same address. When submitted by mail, applications must be sent by registered mail with acknowledgement of receipt sent until the last day of application deadline, which is hereby set as 30 working days after the publication of this Announcement. 20. All candidates who formalize their applications in an improper way or fail to prove the requirements imposed by this contest are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting their statements. 21. False statements provided by the candidates will be punished by law. 22. A list of the candidates admitted and excluded as well as the final classification list is publicized on the webpage <http://www.sadm.uevora.pt>, and the candidates are notified by email with receipt of delivery. 23. Preliminary Hearing and Final Decision Deadline: Pursuant to article 121 of the Administrative Procedure Code, after notification, all candidates have 10 working days to respond. The panel's final decisions are pronounced within a period of 90 days, counted from the deadline for presentation of applications. 24. This contest is exclusively destined to fill this specific vacancy and can be terminated at any time until approval of the final candidate list, expiring with the respective occupation of the vacancy. 25. Non-discrimination and equal access policy: The University of Évora actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership. 26. Pursuant to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and this preference supersedes any other legal preference. Candidates must declare, on their honour, their respective disability degree, type of disability and communication/expression means.

Vacant posts: 1

Type of contract: Information not available

Job country: Portugal

Job city: Évora

Job company/institute: Universidade de Évora

Application deadline: 17 Agosto 2020

(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

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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