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CALL FOR THE SELECTION OF TEMPORARY RESEARCH PERSONNEL TO CARRY OUT SPECIFIC SCIENTIFIC AND TECHNICAL RESEARCH PROJECTS.

The COIE is requested to make a public call for the selection of temporary research personnel to carry out specific scientific and technical research projects to be funded, in accordance with the following:

RULES

FIRST.- PURPOSE OF THE CALL

The purpose of the call is the selection of research personnel (No. of post offered 1), to carry out the Project 'Scientific-technical basis for a climate change adaptation digital twin of the Spanish coast Proyect. TED2021-131885B-I00 financed by MCIN/ AEI /10.13039/501100011033 and by the EU NextGenerationEU/PRTR', whose principal investigator is Mr / Mrs. Iñigo Javier Losada Rodríguez of the department / institute Institute of Environmental Hydraulics and its funding will be covered by the budget application 05.56.00.NT25.541A.643.56 corresponding to the following modality MCIN/ AEI /10.13039/501100011033 and by the EU NextGenerationEU/PRTR

SECOND.- FUNCTIONS AND TASKS OF THE POSITION

FUNCTIONS: Scientific programming in the field of numerical modelling of coastal processes.

TASKS: Code generation and optimisation in different programming languages; Support in the implementation of artificial intelligence techniques and assimilation of observations; Support in the implementation of code/developments on supercomputers and parallelisation; Development of hardware/software based on the Internet of Things (IoT) for the monitoring of the natural environment.

THIRD.- POSITION CATEGORY AND QUALIFICATION REQUIRED

RESEARCHER - UNIVERSITY DEGREE responsibility IV

Master's Degree in Mathematics and Computer Science

Master's Degree in Telecommunication Engineering

University Master's Degree in Data Science / Master in Data Science

FOURTH.- REQUIREMENTS FOR APPLICANTS

Applicants must meet the following requirements:

1) Have Spanish nationality or have the nationality of a member state of the European Union or be from any of the states in which, by virtue of international treaties established by the E.U. and ratified by Spain, the free movement of workers is applicable. Likewise, applicants with a nationality other than that mentioned above may submit their application, provided they can prove that they are in possession of a work and residence permit at the time the contract is formalized.

2) To be in possession of the qualification required in this call. Documents issued abroad that are to be used in this procedure must be legalized in accordance with the current regulations (Management circular number 134).

3) Persons who have had an employment contract for access to the Spanish science, technology and innovation system, governed by article 22 of Law 14/2011 of 1 June on Science, Technology and Innovation of a duration equal to or greater than 5 years, taking into account the duration of this job offer, may not participate in the selection process.

4) Programming skills in Matlab and Python. Interest in artificial intelligence techniques and IoT systems.

FIFTH.- APPLICATIONS

In addition to registering for the offer through UC Placement Agency Portal (https://web.unican.es/agenciacolocacion), applicants must submit the following documentation to the department/unit within the 5 working days, counting from the day following its publication, or send all scanned by e-mail (jesus.arriaga@unican.es), indicating the offer to which it refers:

- 'Application form for calls for selection of research personnel', completed. Available on the web site of the placement agency.

- Photocopy of the National Identity Card, or equivalent document.

- Photocopy of the degree or proof of having paid the corresponding fee for issuance of the degree.

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- Academic and professional curriculum vitae and supporting documents of the submitted merits.

SIXTH .- DURATION

In order to proceed with the formalisation of the contract once the selection process has been passed, the selected person must meet the requirements established in Article 15.5 of Royal Legislative Decree 2/2015, of 23 October, which approves the revised text of the Workers' Statute Law (modified by Royal Decree-Law 32/2021, of 28 December).

This contract will be for a fixed term and is linked to the execution of a temporary programme financed by funds for the execution of the Recovery, Transformation and Resilience Plan or temporary programmes financed by European Union funds and is signed in accordance with the provisions of the fifth additional provision of Royal Decree-Law 32/2021, of 28 December, on urgent measures for labour reform, the guarantee of employment stability and the transformation of the labour market, will be for 6 monthsFull-time fixed-term contract, and may be extended until the end of the programme or project and the existence of credit.

SEVENTH.- REMUNERATION

The employee's salary will be 12339 (gross salary including the proportional part of the extraordinary payments during the contract).

EIGHTH.- MERITS ASSESSMENT

Once the deadline for the presentation of applications has expired, the Selection Committee shall proceed to evaluate the merits based on the documentation provided, and may agree, if deemed convenient, to conduct a personal interview with all or some of the candidates.

NINTH.- EVALUATION COMMISSION

The evaluation committee will be made up of the following persons:
Mr/Mrs Losada Rodriguez, Íñigo
Mr/Mrs Toimil Silva, Alexandra
Mr/Mrs Álvarez Cuesta, Moises

In Santander on October 31, 2023

Signed by the Project Responsible

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ANNEX I

MERITS TO BE VALUED

OTHER OFFICIAL QUALIFICATIONS:

Degrees in Computer Engineering - Telecommunications Technology Engineering or in Industrial Electronics and Automation Engineering would be an asset. Up to 5 points

EXPERIENCE IN RELATION TO THE WORK TO BE PERFORMED:

Programming skills in different languages (Matlab, Pyhton...). The academic transcript with the grades of the subjects taken shall be provided. Up to 35 points

COMPLEMENTARY TRAINING:

LANGUAGES:

English. CEFR Levels: B2 - 5 points; C1 – 8 points; C2 – 10 points. Documentary evidence must be provided.
Up to 10 points.

OTHER MERITS:

PERSONAL INTERVIEW:

Interviews will be held with registered candidates.. Up to 50 points