Institut Català d'Arqueologia Clàssica

JOB OFFER

To fill a position of a technical support person specialised in field methodologies and instruments, and geospatial and computational technologies applied to landscape archaeology (code G017.203)

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1. Presentation

The Catalan Institute of Classical Archaeology (ICAC) is a public research institution created by the Government of Catalonia and the Rovira i Virgili University. The ICAC aims to research, provide training and disseminate the protohistoric, classical and late ancient cultures of the Mediterranean and beyond. The Institute is considered a research centre in Catalonia, identified as a CERCA centre. The ICAC is based in Tarragona and is made up of a team of about 60 people including research staff, research support staff and management and administration staff.

The hiring of a technical support person is required in order to develop technical applications of remote sensing, digitization, computational analysis, as well as conducting fieldwork including the documentation and collection of topographical, geomorphological, sedimentological and archaeological data in international projects.

Below are listed the characteristics, requirements, and procedure that will be followed to resolve this call.

2. General characteristics of the offer

2.1. **Job**: Support Technician
2.2. **Job Category**: B1
2.3. **Work centre**: plaça d'en Rovellat, s/n, Tarragona.
2.4. **Working day**: full of 37.5 hours per week from Monday to Friday.
2.5. **Salary**: €2,583.32 gross per month for 14 payments
2.6. **Duration**: approximately 13 months, conditioned by the duration of the allocated budget.
2.7. **Number of jobs:** 1
2.8. **Type of contract**: permanent employment for a specific line of research
2.9. **Call:** public offer.
2.10. **Procedure:** ordinary.
2.11. **Regulations**: Law 14/2011, of 1 June, on Science, Technology and Innovation; The measures to promote the reconciliation between work, family and personal life and gender equality in this job will be attached to the employment contract and can be consulted on the ICAC website, here.

3. Minimum requirements to participate

3.1. Master's degree in the field of archaeology.
3.2. Accreditable experience in the execution of specific tasks and in the use of the methodologies and scientific and technical tools described in the section of *Functions of the job.*

4. Job Functions

4.1. Prepare, organize and participate in fieldwork campaigns, carrying out the following tasks:

- Technical leadership in fieldwork in international projects, mainly in the Mediterranean area (Catalonia, Greece, Italy, France, among others), with training and supervision tasks for students.
- Collection and analysis of field data, including the management of systematic intensive prospecting, excavation and environmental archaeology and geoarchaeology teams.
- Organization and development of topographic documentation tasks, including the management of advanced topographic instruments and the establishment of geospatial infrastructures in areas where they are underdeveloped.
- Aerial graphic documentation with UAV and subsequent image processing.

4.2. To carry out tasks of management, treatment and geospatial analysis applied to landscape archaeology studies. More specifically, the functions to be carried out will include:

- Creation and management of Geospatial Databases using GIS tools for landscape archaeology studies.
- Processing and analysis of historical and modern cartographic sources, aerial images, LiDAR and satellite data (Multi-spectral and SAR), as well as the integration of new geospatial data funds.
- Creation and processing of photogrammetric models.

4.3. Develop tasks related to computational archaeology:

- Maintenance and preparation of the server to facilitate access, management and distribution of the computational tasks of the research group.
- Prepare the operation of the algorithms developed to guarantee their operation in different types of parallel computing, including cloud computing, in own servers and in HPC computing.

4.4. Preparation of technical reports, scientific publications and other materials and results of scientific dissemination.

4.5. Management and maintenance of the field instruments of the computational archaeology and geoarchaeology and environmental archaeology teams, and of the technical and computer material of the computational archaeology laboratory.

4.6. Support and technical training within the framework of the GIAP's research projects and advanced training activities. Specifically, it will support, among others, the following research projects:

- MEDLANDS. *Genesis of Trans-Mediterranean Cultural Landscapes: A Multidisciplinary Study of How Greek Colonization Transformed Land Use and Socio-Environmental Interactions* - PID2024-159127NB-I00.
- HUM-DYNLANDS. *Mediterranean Cultural Landscapes: Integrated and Comparative Analysis of Long-Term Settlement and Occupation Dynamics in High Mountain Environments and Coastal Plains* – PID2024-159956NB-I00.
- MEDLAB-Abdera. *MEDiterranean Landscape Archaeology LaBoratory: Abdera Summer School*
- DIPAX. *Landscape Archaeology Interdisciplinary research program in the region of Abdera and Xanthi.*
- Four-year project PASTMont 2026-29: *PASToralism, landscape and paleoenvironment in western MONTseny (2026-2029)*

- Four-year project La Nou de Gaià in antiquity: *Social archaeology, research and dissemination (2026-2029).*

4.7. Collaboration in the coordination and development of research synergies, as well as in the development of GIAP's research lines in Geospatial and Computational Archaeology, Geoarchaeology and Environmental Archaeology.

5. It will be valued

5.1. Academic training and scientific specialization
5.2. Creditable experience in research projects and fieldwork
5.3. Competences in geospatial archaeology and remote sensing
5.4. Competencies in computational archaeology
5.5. Scientific production
5.6. Other merits

6. Submission of applications

6.1. Interested persons who meet the requirements can submit the application by email to the rrhh@icac.cat address of the Catalan Institute of Classical Archaeology. The email will consist of:

6.1.1. Subject: you must write "ICAC call G017.203" in the *Subject* section of the email.
6.1.2. Body of the message: in the section reserved for the text of the message, it will be necessary to include the surname and first name, the NIF, the contact telephone number, the academic qualification, in addition to stating the willingness to participate in this job offer.
6.1.3. Attached documents:
6.1.3.1. A PDF of the qualifications required in the call (section 3. Minimum requirements to participate).
6.1.3.2 A PDF of the *applicant's CVA*, preferably filling in the template attached to this call or in a similar format containing equivalent information.
6.1.3.3. A PDF containing the supporting documents that correspond to the merits alleged in the CV.

6.2. With regard to training, it is necessary to specify in all cases the hours of duration of the courses and the type of certification obtained (attendance, attendance with advantage,...); with regard to knowledge of languages, the corresponding certificate

must be provided, specifying the level achieved in accordance with the classification of the Common European Framework of Reference for Languages (CEFR).

6.3. The deadline for submitting applications ends on **25 November 2026 at 11.59 p.m.**

6.4. Applications that do not meet the minimum requirements will not be considered.

7. Selection procedure

7.1. The Evaluation and Selection Committee (hereinafter, CAS) will evaluate the applications based on the CVs received. The CAS will score out of a maximum of 100 points and in accordance with the following sections:

7.1.1 **Academic training and scientific specialization** (0-10 points):

- Have a doctoral degree with a doctoral thesis related to landscape archaeology
- Specialization in landscape archaeology, geospatial and computational archaeology, geoarchaeology and/or environmental archaeology

7.1.2. Accredited experience in **research and fieldwork projects** (0-30 points) – Qualitative evaluation according to the following criteria:

- Experience in participating in research projects in landscape archaeology in the Mediterranean area, both in coastal contexts and in inland areas (river valleys, middle and high mountains, among others).
- Experience in archaeological fieldwork, especially in intensive and systematic prospecting, archaeomorphology, topography and graphic documentation.
- Experience in the planning, organization and technical leadership of archaeological campaigns, especially in international projects developed in the classical Mediterranean (Italy, Greece, Egypt, among others).

7.1.3. Competences in **Geospatial archaeology and remote sensing** (0-25 points) – Qualitative evaluation according to the following criteria:

- Experience in the application of remote sensing and geospatial analysis techniques to archaeological research, especially in the analysis of multispectral satellite images and SAR for the identification of archaeological structures and geoforms, particularly in fluvial environments.
- Experience in the generation and analysis of digital elevation models (DEM/MDT), photogrammetric models and other cartographic products derived from geospatial data.
- Experience in geomorphological analysis applied to archaeology and heritage using InSAR techniques and processing tools such as SNAP (Sentinel Application Platform, ESA).

- Experience in the processing, processing and integration of different geospatial data sources, including historical cartography, aerial photography, multispectral satellite imagery and LiDAR data.
- Advanced mastery of software specialized in geographic information systems (GIS), remote sensing and photogrammetry, such as QGIS, Google Earth Engine, ENVI, Agisoft Metashape or other equivalent tools.

7.1.4. **Competencies in computational archaeology** (0-15 points) – Qualitative evaluation according to the following criteria:

- Basic experience in programming languages applied to archaeological and geospatial research.
- Mastery of computer tools for image processing, graphic drawing, photogrammetry and 3D modeling.

7.1.5. **Scientific production** (0-5 points) – Qualitative evaluation according to the following criteria:

- Capacity to prepare and write technical reports, specialised documentation and contribution to scientific publications.
- Experience in the communication and dissemination of research results in academic settings, including contributions to national and international congresses, seminars, workshops and scientific meetings.

7.1.6. **Other merits** (0-15 points) – Qualitative evaluation according to the following criteria:

- Knowledge and mastery of languages, especially English and Italian.
- Have the necessary official qualification or qualification for the piloting of unmanned aerial vehicles (UAVs).
- Other relevant merits:
  - Have a B driver's license
  - Capacity to work autonomously and decisively, as well as to integrate into multidisciplinary teams and collaborative and international research projects.
  - Ability to organize, plan and resolve technical and logistical incidents, especially during the development of fieldwork in environments with limited geospatial infrastructures.
  - Others

7.2. If it deems it appropriate, the CAS may request the documentation it deems necessary to verify the alleged merits, at any time during the processing of the application. Failure to provide the required documentation within the requested period may result in the suspension of the application.

7.3. If the CAS deems it appropriate, it may interview applicants who have obtained up to a maximum of 20 points of difference with respect to the applicant who has

achieved the highest score. In the interview, the CAS will assess more accurately the merits and abilities determined in the call. The maximum score of the interview will be 25 points, which must be added to the points obtained in the assessment of the rest of the merits. If the score of the interview requires it, the maximum score of 100 points provided for in the offer may be exceeded.

7.4. Applications that have not obtained 60 points in the evaluation cannot be selected nor can they be part of the reservation list.

7.5. The selection procedure will be carried out after the closing of the admission of applications and is expected to be resolved throughout the month of November 2026. The date of incorporation will be December 2026.

7.6. In compliance with art. 9.1.e) of Law 19/2014, of 29 December, on transparency, access to public information and good governance, the name and surname of the person selected for the job offered will be published in the resolution of the concession that will be uploaded to the ICAC website, section Working at the ICAC, unless the selected person exercises the right of opposition and informs the ICAC that there is a special circumstance that legally justifies its publication.

8. Personal data

8.1. With the formalisation and submission of the application, the applicants accept the Terms and Conditions of the offer and give their consent for the processing of the personal data that are necessary to take part in the call and for the rest of the processing of the selection process or other actions derived from it, in accordance with current regulations.

8.2. The personal data contained in the application will be processed in the Selection and provision of jobs activity, with the following specifications:

8.2.1. Identification of the activity: Selection and provision of jobs.

8.2.2. Data controller: Catalan Institute of Classical Archaeology (ICAC); plaça d'en Rovellat, s/n, 43003 Tarragona, telephone (+34) 977 24 91 33, info@icac.cat, www.icac.cat.

8.2.3. Data Protection Officer: delegatpd@icac.cat, Catalan Institute of Classical Archaeology, Plaça d'en Rovellat, s/n, 43003 Tarragona, telephone (+34) 977 24 91 33.

8.2.4. Purpose of the processing of personal data: selection and provision of jobs through public announcements.

8.2.5. Legal basis: consent, mission carried out in the public interest provided for in Royal Legislative Decree 5/2015, of 30 October, approving the revised text of the Law on the Basic Statute of Public Employees.

8.2.6. Recipients: publication on the ICAC website of the procedures of the selection process, in accordance with current regulations; the applicant will be informed that their data will be published on the ICAC website; the persons who access the information by application of the principle of active publicity provided for in the transparency regulations; the competent public administrations in this area, in compliance with the applicable legal obligation. Personal data will not be transferred outside the European Union.

8.2.7. Rights of the interested parties: the personal data provided may be accessed, rectified or deleted, objected to its processing and requested its limitation, by sending an express request to delegatpd@icac.cat .

8.2.8. Period of retention of personal data: the calendar for the conservation and disposal of documents of the Administration of the Generalitat de Catalunya will be complied with.

8.2.9. Complaint: in the event that the rights of the applicant with regard to the protection of their personal data are violated, especially when they have not obtained satisfaction in the exercise of their rights, they may file a complaint with the competent Data Protection Control Authority through their website: www.apdcat.cat.

9. Monitoring of the call in accordance with the principles for hiring ICAC staff

9.1. This call is for compliance with the principles approved by the ICAC within the framework of the OTM-R programme for the accreditation of the HRS4R. These principles are included in the document entitled Principles for hiring ICAC staff and which can be consulted on the Institution's website.

9.2. In compliance with the aforementioned principles, this call will be evaluated in accordance with the procedure established in the aforementioned document.

9.3. Special mention should be made of the principles that ensure fair and transparent recruitment based on equal opportunities in employment; to avoid discrimination in the recruitment of staff on the basis of gender, marital status, sexual orientation, disability, nationality, political or religious beliefs, or any other type of discrimination, and to comply with the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers promoted by the European Commission to ensure fair and transparent recruitment.

Director
Tarragona, on the date of the digital signature
(G017.203-OTT-T-GIAP-arq-cmpt-geospc.adm)