

Date of publication of the job offer: 18 / 11 / 2022

Job title: Research Project- Database Manager (HUMA-2022-TSR04)

Job description

The successful candidate will work as for the project Mapping the Archaeological Pre-Columbian Heritage of South America (MAPHSA) led by Prof. Marco Madella at the CaSEs (Culture and Socio-Ecological Dynamics) research group, and she/he will be a member of the newly established UPF Centre for Digital Humanities at the Universitat Pompeu Fabra.

The project will draw from archival work, remote sensing, and on-ground survey to produce the first leading integrated database for the pre-Columbian archaeological heritage of South America that will be Open Access, available on a geospatial relational database, and serve as the primary resource for heritage protection and research repository for the continent.

The tasks and responsibilities of this position are as follows:

- Development of the project's database architecture and structure
- Constant maintenance and customization of the database, adapting it to the particularities of the South American archaeological data
- Integration of the database into Arches (<https://www.archesproject.org/>)
- Performing database maintenance, migration, and upgrades
- Cooperation with database managers of other Arcadia-funded projects to establish common protocols, as well as with the Arches developers

Project and Institution that finance the contract

MAPHSA – Mapping the Archaeological Pre-Columbian Heritage of South America. Funded by the Arcadia Fund.

Official number reference

ARC-2203-4799

Information on the minimum requirements

- PhD in Computer Science, Information Technology, Data Science or related areas or PhD in Archaeology but with extensive experience on subjects below
- Experience with database development and maintenance
- Proficiency in SQL and/or NoSQL query languages
- Knowledge of Python or another programming language
- Proficiency of English, working knowledge of Spanish and/or Portuguese

Benefits of the opening

This position offers the opportunity to work in a highly international research group in one of the best universities in Spain. The project will allow for further training of the personnel in GIS software, spatial analysis and spatial statistic as well as working in a multi-national, highly stimulating research environment. The contract has a settlement payment at the end of the contract. This is a full-time position on a permanent contract with an estimated duration of 3 years.

The gross annual salary is 29.533.16 euros

Selection criteria

- The selection committee will evaluate the submitted CV together with the motivation letter.
- The selection process will consider the previous extensive experience of the applicant with archaeological or any other types of databases.
- Shortlisted candidates will be invited to an interview with the selection committee (either in person or via video call) that will be carried out both in English and Spanish languages.

Information on the application process

Candidates must attach their CV, a letter of motivation [in PDF format] and a photocopy of their DNI/NIE/Passport and a copy of the Doctorate Degree.

Applications are submitted through this [Interfolio Platform link](#).

Potential candidates are welcome to discuss their language skills and any other aspect of this job advertisement with Prof. Marco Madella.

The **selection committee** will be made up of:

PRESIDENT: Marco Madella

SECRETARY: Carla Lancelotti

COMMITTEE MEMBER 1: Simone Ventura

COMMITTEE MEMBER 2: Meritxell Canals Dueñas

Substitute committee

PRESIDENT: Santiago Zabala

SECRETARY: Daniele Cozzoli

COMMITTEE MEMBER 1: María Morrás Ruiz – Falcó

COMMITTEE MEMBER 2: Bianca Cabañero Iglesia

Deadline to submit applications

The deadline for applications is 10 calendar days from the day following publication of the announcement on Pompeu Fabra University website:

<https://www.upf.edu/web/humanitats/convocatories-obertes>

Contact

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