



ARCHAÏOS

Archaeology, Culture & Heritage

JOB ADVERTISEMENT

JULY 20, 2021

ARCHAEOLOGIST, GIS ADMINISTRATOR

SAUDI ARABIA, ALULA VALLEY / FRANCE

Founded in 2017, Archaïos is a French scientific research company in the field of Heritage and Archaeology. Archaïos team, composed of researchers and PhD-students, brings together a wide variety of services and skills allowing it to be involved in several international projects: archaeological maps, heritage protection, research and development-based archaeological excavations, as well as training courses for local researchers. Archaïos prides itself in hiring highly qualified specialists in the techniques and research areas needed for the projects it proposes to obtain the best results.

As part of the « **Historical Investigation of Al-Ula Old Town – Multiscalar Documentation for Urban Dynamics** » or MuDUD project, coordinated and funded by AFALULA (Agence française pour le développement d'AlUla) in partnership with the RCU (Royal Commission for AlUla), Archaïos is recruiting an **Archaeologist, GIS Administrator** for the study of the Old Town of AlUla, in northwestern Saudi Arabia.

As a multi-year project implemented by Archaïos and under the leadership of Dr. Apolline Vernet, the Project Director, since early 2021, the MuDUD Project wishes, through a multidisciplinary approach, to apprehend the history of the Old Town of AlUla. Working within an international team of experts, the GIS Administrator is under the supervision of the Project Director and the Head of the 'Data Management' Research Department, in collaboration with the Project Manager.

The GIS Administrator will be asked to come to AlUla Old Town (Saudi Arabia) several times a year for 2-months field missions. Between each mission, they will be working either in Paris, at the Archaïos office, or remotely, depending on their place of residence.

JOB TITLE : Archaeologist, GIS Administrator, attached to the MuDUD Project at Archaïos

TYPE OF EMPLOYMENT : Permanent Contract

SALARY : Based on experience

EDUCATIONAL BACKGROUND : Master or PhD in Archaeology, or Geography with a background knowledge in Archaeology (minimum 5 years of professionally-oriented experience abroad)

TO APPLY : Please send a CV and a cover letter of 1000 words max. before September, 1st, 2021 via email with « MuDUD Candidacy - GIS Administrator Position » as the object of the email to these 4 addresses :

secretariat@archaios.fr, apolline.vernet@archaios.fr, benedict.khan@archaios.fr, remi.mereuze@archaios.fr

In order to evaluate your experience and abilities you are invited to join a field report and/or an article representative of your work.



MAIN MISSIONS

Under the supervision of Head of the 'Data Management' Research Department, the GIS Administrator in the field, will:

- Provide the spatial and geographical recording of the MuDUD Project's data
- Create maps related to the study of AIUla Old Town
- Propose spatial analyses exploiting the historical data coming from the MuDUD Project, especially geostatistical and temporal data, to understand the different components of the urban fabric (i.e. built environment, road network, and/or material culture)
- Ensure spatial data organization
- Accompany and coordinate the recording in the GIS of the field data collected by the archaeologists
- Work in close collaboration with the Database administrator and the archaeologists involved in the MuDUD project
- Keep in touch with the specialists taking part in the 'Data Management' Research Department's activities
- Respect the analysis schedules imposed by the project
- Adapt their methodologies to the specificities and constraints of the field.

In addition to their field responsibilities and activities, the GIS Administrator will be required to:

- Propose interpretative and/or temporal maps to highlight the urban evolution, following the Project's graphic chart guidelines
- Work in close collaboration with the other Research Departments of the Project: 'Abandonment Archaeology', 'Architecture', and 'Building Archaeology'
- Prepare and write, in English, regular reports of the activities in the field
- Demonstrate scientific rigor in the field reports, written in English
- Participate in the publication of the annual reports
- Attend field team meetings and project meetings
- Be a source of proposals and initiatives in the 'Data Management' Research Department, and in the project as a whole.

PROFILE

Member of the 'Data Management' Research Department, the GIS Administrator will actively participate in the smooth running of the MuDUD project as a whole, through true collegiality.

The GIS Administrator must:

- Master GeoPackages and GeoDatabase formats
- Master QGIS and ArcGIS
- Use QField
- Have a comprehensive knowledge of statistics (geospatial, tests)



- Know coordinates systems and geographic projection systems, as well as their conversions
- Have notions in Database processing and in form generation
- Have knowledge in SQL
- Have knowledge in spatial and geostatistical analysis
- Generate maps and edit them

To do so, the GIS Administrator must master:

- ArcGIS Pro
- QGIS
- R
- QField
- Illustrator/Inkscape

The GIS Administrator must also have the following qualities:

- Resiliency
- Good adaptability to fieldwork in difficult climate conditions (hot and arid)
- Capability to anticipate needs
- Capability to work in urgency and under tight deadlines when the situation arises
- Good at prioritizing tasks
- Diplomacy and discretion
- Resourcefulness and versatility
- Flexibility
- Knowing how to keep it cool in all circumstances, and being resistant to stress
- Being able to work in an intercultural environment
- Having at least a B1 level in English
- Knowing and speaking a little Arabic would be a real plus
- International Driver's license (desired)

Archaïos will take the plane ticket, the housing and the food in charge for each field mission.

Does the prospect of working with our team motivate you? Then join us by applying to this offer.

