

Job ID: OeAI145TEC121

The Austrian Archaeological Institute (OeAI) of the Austrian Academy of Sciences (OeAW), Austria's leading non-university research and science institution, is offering a position as a

GEODESIST (F*M)

(full-time / 40 hours per week)

from March 01, 2022 for the duration of 1 year with the option to extend indefinitely.

The OeAI places an emphasis on field archaeology with the stated goal of pursuing and further developing interdisciplinary research approaches and innovative methods for central questions concerning the history of humanity. In numerous national and international projects of the ÖAI, geodetic and geo-information scientific aspects play a crucial role.

The aims of the geodetic work at the OeAI are the imparting of fundamental geodetic concepts, consultation with the deployment of geodetic instruments and methods, as well as the application of geographic information systems (GIS) and the production of maps and illustrations. A long-term project is the continuous further development of a geo-information system based on web technologies, in collaboration with the researchers at the Institute.

The creation and maintenance of precise geodetic networks, as well as the cartographic capturing of archaeological-historical evidence and findings in their topographical context, constitute the focus of the field work activities on excavations and at archaeological surveys.

Your tasks:

- Independent conception and implementation of archaeological-geodetic projects (creation of geodetic reference networks, digital documentation of archaeological evidence and findings, GIS / WebGIS as well as implementation of new technologies) in Austria and abroad, in coordination with the respective research groups
- Planning and execution of inputs from UAS for photogrammetric recordings and ALS-deployment
- Evaluation of 3D scan data
- Collaboration with the unit Digital Archaeology and Classics (DAC) with regard to the establishment of metadata standards as well as the long-term archiving of geospatial research data

Your profile:

- Completed degree course in geodesy / geo-information
- Experience in the application of classical surveying methods (total station, GNSS), as well as in 3D surveying by means of 3D-laser scanner, 3D-object scanner and photogrammetry
- Experience in working with UAS of all classes (C0-C4)
- Familiarity with relevant software (CAD, ESRI-products, QGIS, Agisoft Metashape) and internet-based GIS-service architectures (e.g. ArcGIS Server, VertiGIS WebOffice)
- Willingness for (longer) stays at the sites of operation of the OeAI in Austria and abroad
- Flexibility in the carrying out of projects under challenging circumstances, and capacity for teamwork as well as independent work
- Interest in the research emphases of the OeAI

For this position we offer an annual gross salary of € 41.490,96 according to the collective agreement of the Austrian Academy of Science. Depending on qualification and experience, the salary can be negotiated.

We would be delighted if we have aroused your interest in this position and invite you to submit an informative application in writing, enclosing all relevant documents (an curriculum vitae and a letter of motivation) via e-mail to: oeai-personal@oeaw.ac.at (mentioning Job ID: OeAI145TEC121) **no later than January 30, 2022.**

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.