

PhD Position with a working Title: Exploration of the Mining Landscapes in the West Osogovo Mountains Using LIDAR

We are very happy to announce a fully financed 4-year PhD position within the project **‘Peek under the Canopy. Mining Landscapes in the West Osogovo Mountains’**. The PhD candidate is expected to focus on the refinement of non-destructive remote sensing techniques used for the exploration of mining landscapes, with a special focus on the utilization of LIDAR imagery to identify remains connected with mining activities. The examined area is situated in the NE part of the Republic of North Macedonia and it is known for its rich polymetallic ore deposits, probably exploited since Prehistory.

The successful candidate will become a member of a multi-disciplinary research team of specialists focusing on the reconstruction and examination of spatial and temporal development of mining installations, settlements and communications in the macro-region of the Osogovo Mountains and its supra-regional connections.

The candidate should have MA degree in archaeology (latest at the beginning of the position), experience with the utilization of geographic information systems including remote sensing techniques, basic understanding of data structures and spatially referenced databases. In the field, an experience with archaeological or geological prospections and systematic field surveys is expected. The candidate does not need to be versed in the historical or environmental background of this specific area, nor is expertise in mining archaeology an essential requirement. However, willingness to gain a deeper understanding of these aspects in the course of the PhD study is a prerequisite.

The position requires readiness to conduct ground control in the field, good ability to cooperate and work in the team as well as good communication skills.

The project will be based at the Department of Classical Archaeology at the Charles University in Prague.

The PhD position includes travel allowances covering the field work as well as participation at international conferences.

Degree: PhD in Classical Archaeology

Anticipated start of the PhD study is the 1st of October 2025.

Supervisor of the thesis: Dr. phil. Barbora Weissova (Project Director)

(<https://ukar.ff.cuni.cz/en/about-us/staff/barbora-weissova/>)

For more information about the project, see

<https://ukar.ff.cuni.cz/en/research/projects/balkans/peek-under-the-canopy-mining-landscapes-in-the-west-osogovo-mountains/>



If you have any questions about the position, please do not hesitate to contact us.

If you are interested to apply, please send following documents to the email address weissova@arup.cas.cz

- Curriculum Vitae
- Motivation Letter
- Diplomas
- 2 Recommendation Letters

Deadline for the Application: 28.2.2025

We are looking forward to welcoming you in the team!