

ANNOUNCER'S FORM

INSTITUTION: Central Mining Institute- National Research Institute

CITY: Katowice

POSITION: Assistant Professor (full-time employment)

SCIENTIFIC FIELD: environmental engineering, mining and power engineering

ANNOUNCEMENT DATE: 12.09.2024

TENDER SUBMISSION DATE: 04.10.2024

WEBSITE LINK: www.gig.eu

KEYWORDS: assistant professor, mining and environmental hydrology

Workplace:

Central Mining Institute – National Research Institute

Department of Geology, Geophysics and Surface Protection

Katowice, Plac Gwarków 1

Description of the tasks performed at the position:

- 1) Implementation of the objectives included in the research and development plans of the Institute.
- 2) Conducting scientific activities in the field of mining and environmental hydrogeology.
- 3) Implementation of the Institute's activities within the framework of tasks of particular importance to the state, in particular in the area of hazard assessment and hydrogeological monitoring in mining and post-mining areas.
- 4) Creation of new research topics, including initiation of work on the development of new research methods in mining and environmental hydrogeology and for the benefit of general, environmental, mining and industrial safety.
- 5) Initiation and implementation of research projects and research and development works.
- 6) Undertaking actions aimed at obtaining funds for research

Requirements for the candidates:

- 1) PhD in the field of engineering and technology,
- 2) Documented experience in carrying out research in the field of general, mining and environmental hydrogeology, including, the assessment of hydrodynamic conditions in the vicinity of open-cast and underground mines and the assessment of the environmental impact of mining activities and mine closure.
- 3) Documented scientific achievements in the field of hydrogeology, including mining hydrogeology.
- 4) Participation in the work of expert commissions assessing hydrogeological conditions and hydrogeological hazards.
- 5) Knowledge of software for modelling groundwater filtration processes (e.g. MODFLOW), programs for analysing and visualizing spatial data (e.g. QGIS, Surfer) and graphic programs (e.g. Corel, Grapher).
- 6) Knowledge of English language at least at B-2 level confirmed by a certificate.
- 7) Documented experience in implementing research and development projects, including international projects.

List of required documents:

- 1) application for employment as a professor assistant,
- 2) CV,
- 3) Copy of doctoral diploma,
- 4) description of professional experience,
- 5) information on the candidate's scientific interests and current achievements in research and development (list of publications, obtained patents, participation in national and international research projects, etc.),
- 6) copies of documents confirming the fulfilment of the competition requirements;

- 7) candidate's declaration on the acceptance of the contest terms and conditions and a personal survey of a candidate applying for employment.

Tender submission term and location:

Job offers with the full set of documents should be e-mailed to rekrutacja@gig.eu; filed personally at the GIG General Administrative Office or mailed to: Central Mining Institute - National Research Institute, 40-166 Katowice, Plac Gwarków 1 Poland by 04.10.2024r.

The tenders should be marked as: 10/2024 – Assistant Professor -BH
Estimated selection end date; November 2024

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