

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, water treatment, wastewater management

Workplace:

Central Mining Institute – National Research Institute

Department of Water Protection (SN)

Katowice, Plac Gwarków 1

Description of the tasks performed at the position:

- 1) Conducting and implementing research and service works in the field of environmental engineering, in particular in the field of water and sanitary engineering, including hydraulic modeling of streams and water and sewage networks and hydrological phenomena, as well as management of mine water discharges,
- 2) Conducting research and research and development work, and participating in the work of national and international research teams,
- 3) Publishing research results,
- 4) Establishing and maintaining cooperation with national and foreign research institutions and water sector companies in the field of creating new solutions in water and sewage management.

Requirements for the candidates:

- 1) PhD in the field of engineering and technology,
- 2) Experience in conducting hydro-morphological studies and hydraulic modelling of rivers confirmed by the implementation of works in this field,
- 3) Proficient knowledge of GIS systems, especially ArcGIS and QGIS software.
- 4) Experience in modeling sewage systems using computer models (e.g. SWMM),
- 5) Experience in the practical application of water law, including expert studies in the above-mentioned scope.
- 6) Documented scientific achievements in the field of environmental engineering, management, sustainable development and revitalization (scientific papers, publications, completed courses/training),
- 7) Documented experience in the preparation and implementation of national and/or international research and research and development projects,
- 8) Documented experience in the preparation and implementation of research and development or expert work in the field of environmental engineering,
- 9) Good knowledge of English – documented by a certificate at least at B2 level,

List of required documents:

- 1) application for employment as an assistant professor,
- 2) CV,
- 3) copy of the doctoral diploma,
- 4) description of professional experience,
- 5) brief 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: 9/2024 – Assistant Professor -SN
Estimated selection end date; November 2024