

ANNOUNCER'S FORM

INSTITUTION: **Central Mining Institute- National Research Institute**

CITY: Katowice

POSITION: **Professor (full-time employment)**

SCIENTIFIC FIELD: **environmental engineering, mining and power engineering**

ANNOUNCEMENT DATE: **21.02.2025**

TENDER SUBMISSION DATE: **10.03.2025**

WEBSITE LINK: www.gig.en.eu

KEYWORDS: professor, environmental engineering, waste management

Workplace:

Central Mining Institute – National Research Institute

Department of Environmental Monitoring

Katowice, Plac Gwarków 1

Description of the tasks performed at the position:

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- 1) Conducting scientific activities, including research and publishing in the area of creating new solutions in waste management.
- 2) Monitoring progress in world science in the field of research topics and initiating new topics of scientific research.
- 3) Carrying out research in the field of environmentally safe production technologies and use of innovative materials from waste, including developing documentation of research and development and research and service works, expert opinions, patents.
- 4) Improving the methodology of synthesis and research of zeolite materials and geopolymers
- 5) Preparing and managing research projects in the field of broadly understood waste management with particular emphasis on the following topics: recovery of useful elements from waste; development of innovative materials based on waste combustion products (zeolites, geopolymers, artificial graphite, etc.) for use in degraded areas, in construction and agriculture; use of fly ash from biomass in construction and agriculture; technical, social and environmental aspects of waste management.
- 6) 6. Publishing the results of own scientific research, research within research projects and statutory works.

Requirements for the candidates:

- 1) Academic title: professor of engineering and technical sciences.
- 2) Scientific competence in creating new solutions in waste management.
- 3) Authorship and co-authorship of pro-ecological waste management technologies.
- 4) Documented scientific achievements (patents, implementations, projects, technological guidelines) in the field of developing innovative technologies for industrial waste management.
- 5) Publication achievements on topics related to the required scientific competences.
- 6) Experience in preparing, implementing and managing Polish and international research projects and experience in managing and implementing orders on topics from the area of required scientific competences.
- 7) Experience in leading a research team.

List of required documents:

- 1) application for employment as a professor,
- 2) CV,
- 3) copies of documents confirming education, including copy of the diploma of academic title of professor,
- 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) 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 10.03.2025r.

The tenders should be marked as: 1/2025 – Professor SC

Estimated selection end date; April 2025