FORM FOR EMPLOYERS

INSTITUTION: AGH University of Krakow

DEPARTMENT: Faculty of Geo-Data Science, Geodesy, and Environmental Engineering

CITY: Krakow

POSITION: assistant in a group of research and teaching staff **DISCIPLINE:** Civil engineering, geodesy and transport

POSTED: 27.01.2025 **EXPIRES**: 27.02.2025

WEBSITE https://www.agh.edu.pl/o-agh/praca-w-agh

KEY WORDS: geodesy, Earth orientation parameters, prediction **DESCRIPTION** (field, expectations, comments, requirements):

The employed person will be responsible for conducting didactic classes and participating in scientific research conducted at the Department of Integrated Geodesy and Cartography.

The Department is currently conducting research related to the influence of various physical phenomena on the Earth's rotation, which includes issues related to, among others, the forecast of Earth Orientation Parameters and the analysis of their changes over time.

Preferred candidates are those who can demonstrate publications in the field of the use of various methods of Earth Orientation Parameters perdiction, time series analysis and the study of changes in the Earth's rotation. Knowledge of mathematical modeling tools and methods and their application in the study of the Earth's rotation will be a significant asset.

REQUIREMENTS:

- 1) completed master's degree in "Geodesy and Cartography" or related field,
- preferred PhD or PhD student with doctoral dissertation progress of at least 90% or PhD student after a midterm evaluation completed with a positive result (dissertation progress of at least 90%),
- 3) completed didactic course,
- 4) Principal Investigator or participant in research projects financed by the National Science Centre or the National Centre for Research and Development and foreign institutions,
- 5) scientific achievements in civil engineering, geodesy and transport discipline documented by publications in journals included in the list of scientific journals and peer-reviewed materials from international conferences, announced by the Minister of Science,
- 6) active participation in domestic and foreign scientific conferences or symposia,
- 7) completion of at least 2 scientific internships in foreign institutions,
- 8) proficiency in English at a level of at least B2 (for candidates whose native language is not English),
- 9) proficiency in Polish at a level of at least C1 (for candidates whose native language is not Polish),
- 10) fluent knowledge of tools and methods of mathematical modelling of time series; knowledge of various prediction methods; knowledge of issues related to the Earth's rotation; ability to predict and analyze Earth Orientation Parameters.

A candidate may be a person who meets the following requirements specified in the Act on Higher Education:

- has the qualifications specified in the Act,
- has full legal capacity,
- has not been punished by a final court judgement for an intentional crime,
- enjoys full public rights.

DOCUMENTS REQUIRED:

- 1) application, CV, personal questionnaire,
- 2) list of scientific achievements,
- 3) copies of diplomas and other certificates confirming qualifications,
- 4) document confirming knowledge of English at a level of at least B2 (for candidates whose native language is not English),

5) document confirming knowledge of Polish at a level of at least C1 (for candidates whose native language is not Polish.

DOCUMENTS MUST BE SUBMITTED:

Complete documentation must be sent to the following email address: elatom@agh.edu.pl or sent to the address: Sekretariat Biura Dziekana Wydziału Geodezji Górniczej i Inżynierii Środowiska, al. Adama Mickiewicza 30, 30-059 Kraków, paw. C4, p.113).

The AGH University will be the candidate's main place of employment.

The AGH University of Krakow does not require you to provide any information or data other than those resulting from the applicable law (name/names, surname, date of birth, contact details, education, professional qualifications, and employment history). However, if you choose to include your photograph or any other information, please fill in and attach this statement of consent to the processing of personal data, which constitutes an attachment to this information.

The controller of your personal data processed in order to carry out the recruitment process for the above-mentioned position is the AGH University of Krakow, al. A. Mickiewicza 30, 30-059 Krakow. You can read all information concerning the processing of your personal data on the website of the AGH University of Krakow after going to the "Personal data protection" tab (https://www.agh.edu.pl/en/personal-data-protection).

The University reserves the right not to settle the competition without providing any reason or justification. Winning the competition is not tantamount to ensuring the candidate's employment. The result of the competition serves solely as a recommendation to the Rector in this regard. The final decision concerning the employment will be made by the Rector.

Following the selection process, the candidate who qualified for employment is obliged to provide a certificate from the National Criminal Register (the criminal record certificate should be up-to-date, i.e. issued no sooner than 1 month before its submission at the AGH University) and shall be subject to the verification process in the Sex Offender Register - the Restricted Access Register.