

The Department of Seismology at the Institute of Geophysics Polish Academy of Sciences in Krakow seeks outstanding candidates to fill a position at the **Assistant Professor** level

The Department of Seismology IGF PAS has gained a high profile at the international level in developing the methods to assess the hazards associated with the exploitation of resources.

The department's mission is to advance understanding of processes that govern the earthquake generation during the different geo-resources exploitation technologies. Within this mission, **we seek enthusiastic scientists who can develop the internationally recognized research line in the field of anthropogenic seismicity.** We are especially **interested in the research of detecting the transition from stable to unstable fracturing induced by geo-energies operations involving fluids.** This process is investigated from the numerical simulations to the natural experiments and production reservoirs of georesources.



Requirements:

- Ph.D. in geophysics, Earth sciences, or physics
- Experience in the paper publishing and proposal writing shown by a track record of publications and conducted projects
- Excellence programming skills (Matlab, Python)
- Publishing experience in peer-review ISI journals
- Participation in research and/or technical projects
- Fluency in spoken and written English

In case of any further queries relating to the role's responsibilities, please contact:
Professor Beata Orlecka-Sikora
email: orlecka@igf.edu.pl

Application documents:

- CV with particular emphasis on information on the scientific, educational and organizational achievements
- Motivation letter
- Document certifying that the PhD degree was awarded
- Other documents that the candidate considers important for the recruitment process

We are looking forward to receiving your application by the 1st of May through the online application form:

e-mail: kariera@igf.edu.pl

or by post:

Human Resources Department of the IGF PAS
64 Księcia Janusza, 01-452 Warsaw, Poland

