
PHD STUDENT IN THE DOCTORAL SCHOOL – CALL FOR APPLICATIONS

Position: PhD student in Earth and environmental sciences

Unit of the project realization: Faculty of Natural Sciences – University of Silesia in Katowice

Unit realizing the PhD student education: Doctoral School at the University of Silesia in Katowice
in cooperation with European University consortium – Transform4Europe

Research will be carried out in the frame of the project “**Experimental remediation techniques of the soil and water environment in the area of groundwater pollution sources**”.

Duration of the scholarship: 48 months

Scholarship amount: 3466,90 PLN / 5340,90 PLN (after mid-term evaluation)

PhD supervisor: dr hab. Dominika Dąbrowska, prof. UŚ

Project description:

The doctoral dissertation will consist of a series of scientific publications on research methods of remediation of areas located in the vicinity of soil and water environmental pollution sources. The properties of selected plants and chemical compounds, that may be involved in the purification of the aquatic environment, will be analyzed. The dissertation will use hydrogeological, geo- and biochemical methods. The whole will be complemented by a statistical analysis of the obtained research results. All publications will be interdisciplinary.

The project will be implemented in cooperation with partner universities within the consortium “Transform4Europe”. Part of education will be realized in one of the partner European universities.

Requirements:

1. MSc in natural sciences.
2. Fluency in English (both spoken and written).
3. Good knowledge of the basics of chemistry, hydrology, hydrogeology and environmental protection. Skills in working with GIS systems, hydrological modeling or programming are welcome.

Required documents:

1. A written outline of a research proposal (up to 4500 characters) including methodology, research goals, and bibliography.
2. A list of the candidate’s scientific publications.
3. A CV focused on research and academic experience.

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4. A copy of the MSc diploma (or a declaration of obtaining a diploma no later than September 10, 2024).
 5. One letter of recommendation.

Candidates should register in IRK system (<https://irk2.us.edu.pl/>) and select „Admission to the Doctoral School at the University of Silesia in Katowice – ADMISSION FOR PROJECTS” and choose the right project title.

Documents should be delivered till **31.05.2024** through IRK system.

In case of any questions, before the formal application please contact to the Doctoral School (szkola.doktorska@us.edu.pl).

Documents will be rated by the commission, led by the project leader. Admission can be carried out both in Polish and in English. Meeting will be organized on **07.06.2024** in the Doctoral School office / on-line. Final decision will be sent to candidates via IRK system until **14.06.2024**.