

V.N. Karazin Kharkiv National University, Ukraine

PhD student profile



Polina Ponomarenko is presently enrolled in a Ph.D. program at V.N. Karazin Kharkiv National University, specifically at the Karazin Institute of Environmental Sciences in Ukraine. Her academic pursuits center around investigating thermal regime formation in major urban areas and exploring climate shifts induced by heat islands. Additionally, she participated in the "Kharkiv-York Partnership Towards a Zero Pollution Environment in Post-War Ukraine" summer school held in York, Great Britain in 2023.

Academic interest:

- Landscape-ecological planning
- Heat islands
- The formation of thermal regime of cities
- Climate change
- Landscape planning

Research experience:

Types of land use in the city
Study of urban territorial structure Atmospheric air pollution

PhD topic:

Constructive and geographical mechanisms of adaptation to climate change in strategic planning of urban development

PhD supervisor:

Prof. Nadiya Maksymenko - Doctor of Sciences (Geographic), Full Professor, Head of the Department of Environmental Monitoring and Protected Areas Management of the Karazin Institute of Environmental Sciences, V. N. Karazin Kharkiv National University.