

## Dr. Nataliia Popovych

*curriculum vitae*

Ph.D. in Geography,  
Associate Professor of the Department of Physical  
Geography and Cartography  
School of Geology, Geography, Recreation and Tourism  
V. N. Karazin Kharkiv National University



### ➤ **Personal data**

Other names: Nataliia V. Popovych  
Date of birth: 29 December 1992  
Nationality: Ukraine

### ➤ **Contact information**

Job address: Department of Physical Geography and Cartography, School of Geology, Geography, Recreation and Tourism, V. N. Karazin Kharkiv National University, 4 Svobody sq., Kharkiv, 61022, Ukraine  
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Job e-mail: [n.v.popovych@karazin.ua](mailto:n.v.popovych@karazin.ua)

### ➤ **Education**

23.04.2019: Ph.D. degree awarded for the thesis «Mapping Provision for Regional Development Strategies (Case Study of Kharkiv region)» (specialty «Geographical Cartography», code 11.00.12)

11.2014 – 11.2017: Ph.D. student at the Department of Physical Geography and Cartography of V. N. Karazin Kharkiv National University

09.2013 – 06.2014: Master student at the School of Geology and Geography of V. N. Karazin Kharkiv National University

09.2009 – 06.2013: Undergraduate student at the School of Geology and Geography of V. N. Karazin Kharkiv National University

### ➤ **Employment**

02.2020 – present	Associate Professor	Department of Physical Geography and Cartography, Karazin University
10.2015 – 01.2020	Senior Lecturer	same place
08.2015 – 02.2019	Engineer of the educational laboratory	same place

### ➤ **Research interests**

- ✓ Geographical Cartography;
- ✓ GIS;
- ✓ Sustainable Development;
- ✓ Scientific Project Management;
- ✓ Teaching and Learning in Geography Education.

## ➤ **Honours and awards**

- ✓ Acknowledgement for preparing the student winner of the second round of the All-Ukrainian competition for student scientific works in Geography (2020);
- ✓ Acknowledgment of V. N. Karazin Kharkiv National University for preparing students at a high scientific level to participate in the annual scientific conference of students and postgraduates Geographical Research: History, Modernity, Prospects, dedicated to the memory of Professor G. P. Dubinsky (2021, 2023);
- ✓ Acknowledgment for the assistance in the organization of cooperation of V. N. Karazin Kharkiv National University with Hangzhou Normal University in education and on the occasion of the 218th anniversary of the foundation of Karazin University (2022).

## ➤ **References, Citations**

ORCID ID <http://orcid.org/0000-0003-4968-6296>

Research Gate <https://www.researchgate.net/profile/Nataliia-Popovych-3>

## ➤ **Main publications**

- ✓ Tang, Z., Wang, P., Li, Ya., Sheng, Yu., Wang, B., **Popovych, N.**, Hu, T. (2024). Contributions of Climate Change and Urbanization to Urban Flood Hazard Changes in China's 293 Major Cities Since 1980. *Journal of Environmental Management*, 353. <https://doi.org/10.1016/j.jenvman.2024.120113>
- ✓ Borysenko, K., **Popovych, N.**, Popov, V. (2022). Special Features of Conducting the Practical Training of Geography Students in a Remote Format. *Problems of Continuous Geographical Education and Cartography*, 35, 2022, 7–15. (in Ukrainian) <https://doi.org/10.26565/2075-1893-2022-35>
- ✓ **Popovych, N.**, Sinna, O., Nazarko L. (2022). Experience and Prospects of Mobile GIS Use for Practical Training of Geography Students. *Visnyk of V. N. Karazin Kharkiv National University, series «Geology. Geography. Ecology»*, 57, 184–194. <https://doi.org/10.26565/2410-7360-2022-57-14>
- ✓ **Popovych, N.**, Peresadko, V., Dzhyim, D. Development of Offshore Wind Energy of Ukraine in the Sea of Azov: the Geographical Aspect. (2021). *Visnyk of V. N. Karazin Kharkiv National University, series «Geology. Geography. Ecology»*, 54, 254–266. <https://doi.org/10.26565/2410-7360-2021-54-19>
- ✓ Peresadko, V., **Popovych, N.**, Martynenko, A. (2021). Historical and Geographical Mapping of Kharkiv Region in the XIX and XX Centuries. *Problems of Continuous Geographical Education and Cartography*, 33, 8–15. (in Ukrainian) <https://doi.org/10.26565/2075-1893-2021-33-01>
- ✓ **Popovych, N.**, Sinna, O., Peresadko, V. (2020). Cartographic and Geospatial Competences of Future Geographers: Foreign Experience and Domestic Realities. *Problems of Modern Education*, 11, 49–58. (in Ukrainian) <https://periodicals.karazin.ua/issuesedu/article/view/17647>
- ✓ **Popovych, N.**, Dzhyim, D., Agapova, O. (2019). Prospects for the Development of Offshore Wind Power Along the Coast of the Sea of Azov. *Problems of Continuous Geographical Education and Cartography*, 30, 6–14. (in Ukrainian) <https://doi.org/10.26565/2075-1893-2019-30-01>
- ✓ Agapova, O., **Popovych, N.**, Shulika, B., Peresadko, V., Fylenko, V. (2018). Research of the Spatial Aspects of Using Renewable Energy Sources for Sustainable Development of the

Territory. *Technology Audit and Production Reserves*, 6, 1(44), 50–58. <https://doi.org/10.15587/2312-8372.2018.149595>

- ✓ Reshetchenko, S., **Popovych, N.**, Shulika, B., Porvan, A., Cherkashyna, N. (2018). Evaluation of the Environmental Status of Agricultural Resources in the Territory of Ukraine under Conditions of Climate Change. *Technology Audit and Production Reserves*, 3, 3 (41), 21–32. <https://doi.org/10.15587/2312-8372.2018.134890>
- ✓ **Popovych, N.**, Peresadko, V., Sinna, O. (2018). The Use of GIS to Study Accessibility of the Urban Environment (Case Study of Secondary Cities Project). *Problems of Continuous Geographical Education and Cartography*, 82–88. <http://oaji.net/articles/2017/44831543320764.pdf>
- ✓ **Popovych, N.**, Peresadko, V. (2017). Cartographic Support for Territorial Development Strategies: Actuality, Present State and Perspectives. *Visnyk of V. N. Karazin Kharkiv National University, series «Geology. Geography. Ecology»*, 47, 139–144. (in Ukrainian) <https://doi.org/10.26565/2410-7360-2017-47-17>
- ✓ Utkina, K., Peresadko, V., Nekos, A., **Popovych, N.** (2015). State and Prospects of Waste Management within Framework of Kharkiv Region Development Strategy to the Year 2020. *Ukrainian Geographical Journal*, 4 (92), 58–63. (in Ukrainian) <https://doi.org/10.15407/ugz2015.04.058>
- ✓ Peresadko, V., **Popovych, N.**, Cherkashyna, N. (2015). History of Sustainable Development Strategies Creation and Their Classification. *Visnyk of V. N. Karazin Kharkiv National University, series «Geology. Geography. Ecology»*, 43, 148–152. <https://periodicals.karazin.ua/geoeco/article/view/5758>

#### ➤ **Selected conference papers**

- ✓ Hutchinson, S. M., Kruhlov, I., Gerasimenko, N., **Popovych, N.** (2023). Employing Virtual Field Trips as a Tool to Support Geography in Ukraine: the VFTs for UA Initiative. *Geographic Education and Science: Challenges and Progress: Materials of the International Scientific and Practical Conference Dedicated to the 140th Anniversary of Geography at Lviv University*. Lviv, Ukraine, 101–104.
- ✓ Chervanyov, I., Sinna, O., **Popovych, N.**, Zaliubovska, O., Ovcharenko, A. (2022). The Experience and Prospects of Landscape Mapping of Dvorichanskyi National Nature Park (Kharkiv region, Ukraine). *Abstracts of 2nd International Scientific Conference Landscape Dimensions of Sustainable Development: Science – Mapping – Planning – Governance*. Tbilisi, Georgia, 127–128.
- ✓ **Popovych, N.** (2021). Decentralization in Ukraine: Realities and Prospects. *Multidisciplinary Academic Research and Innovation: Abstracts of XXVII International Scientific and Practical Conference*. Amsterdam, the Netherlands, 173–175.
- ✓ **Popovych, N.** (2021). Quest Rooms and Possibilities of Their Usage in the Teaching of Geography. *Topical Issues of Practice and Science: Abstracts of XXVI International Scientific and Practical Conference*. London, Great Britain, 135–137.

#### ➤ **Computer skills**

- ✓ Operating systems: basic knowledge of Microsoft Windows;
- ✓ Desktop software: advanced knowledge of Microsoft Office and graphics editors;
- ✓ Scientific software: advanced knowledge of ArcGIS.

- **Language skills**
  - ✓ Ukrainian (native language);
  - ✓ Russian (fluent written and spoken);
  - ✓ English (Pearson Test of English General (B2)).
  
- **Advanced training**
  - ✓ Construction of Distance Learning Courses for Mixed Education System in Education Institutions: an advanced training in the Centre of Advanced Studies of the Institute of Advanced, Part-time and Distance Learning of V.N. Karazin Kharkiv National University (Kharkiv, Ukraine, 2021);
  - ✓ Modern Teaching Methods and Innovative Technologies in Higher Education: European Experience and Global Trend: an internship organized by the University of Finance, Business and Entrepreneurship (Sofia, Bulgaria, 2021);
  - ✓ Online Future Teaching Skills: a further training in teaching and writing didactics at the Centre for Teaching and Learning (ZLL) at the European University Viadrina (Frankfurt (Oder), Germany, 2023);
  - ✓ Advanced Academic Research and Teaching Exchange in Hangzhou Normal University Hangzhou, China, 11.2023-01.2024).
  
- **International projects**
  - ✓ Secondary Cities Project (2016);
  - ✓ Kharkiv-York Partnership Towards a Zero Pollution Environment in Post-War Ukraine (2023).
  
- **Summer schools**
  - ✓ Academic English and Digital Teaching Methods: a Spring School at the University of York Europe Campus CITY College (Thessaloniki, Greece, 2-9 April 2023);
  - ✓ Enabling Ukrainian Geography Teachers in Higher Education: a Summer School to Create Virtual Field Trips for Inclusive Field Skill Training (Vatra Dornei, Romania, 14-19 September 2023).
  
- **More information**
  - ✓ Educational Programme Leader: Cartography, Geoinformatics and Cadastre;
  - ✓ Responsible for the international cooperation of the School of Geology, Geography, Recreation and Tourism of V. N. Karazin Kharkiv National University.
  
- **Referees**

Head of Department: Dr. Anatolii Baynazarov  
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