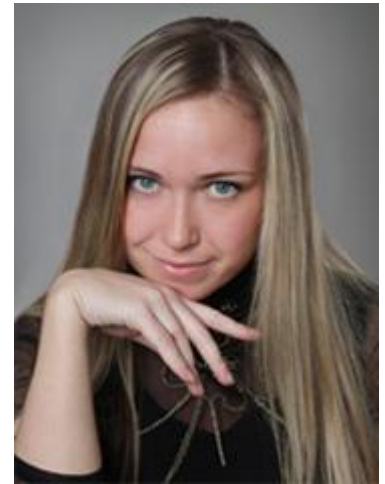


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Main courses:

- ✓ General Hydrology
- ✓ Physical Geography of Ukraine
- ✓ Assessment of Natural Conditions and Resources
- ✓ Fundamentals of Rational Nature Management
- ✓ Geography of Recreation and Tourism
- ✓ Local History and Regional Tourism

Research overview:

- ✓ hydrogeomorphological studies,
- ✓ use of GIS in expeditions,
- ✓ methodological approaches,
- ✓ pedagogical technologies,
- ✓ competence approach,
- ✓ educational practices,
- ✓ geography of recreation and tourism,
- ✓ development of tourist routes.

Main publications:

- ✓ Borysenko, K.(2015). Use of geographic information systems in the process of professional training for the field of education. Public Administration: Reform Strategy 2020: Sb. theses XV International sciences Congress, 304-306.
- ✓ Borysenko, K. (2016). Technological aspects of the organization of educational practice of future geography teachers in the classical university. Problems of engineering and teacher education, 54-55, 216–223.
- ✓ Borysenko, K. (2017). Formation of special competences of future geography teachers in the process of educational practice: the regional aspect. Problems of engineering and teacher education, 56-57, 114-122.
- ✓ Borysenko K. B. (2018). The practical training of geographers at V. N. Karazin Kharkiv National University. *Modern scientific research: proceedings of XVII International scientific conference* Morrisville, USA: 119-120.
- ✓ Borysenko, K. (2018). The methodological component of the integrated competence formation of the future geography teacher. Science and Education a New Dimension. Pedagogy and Psychology, VI (66), 162, 12–18.

- ✓ Lunyachek V., Sinna O., Borysenko K. and Popov V. (2019). Optimizing the method of hydrological and geomorphological research as a tool for the formation of special competencies of a modern geographer. Problems of continuous geographical education and cartography, (29), 6-16. <https://doi.org/10.26565/2075-1893-2019-29-01>.
- ✓ Lunyachek, V.; Borysenko, K.; Varenko, T. (2020). Educational training for future geography teachers: Ukrainian perspective. Geosaberes, Fortaleza, v. 11, p. 406– 422. ISSN 2178-0463. Available at: <<http://www.geosaberes.ufc.br/geosaberes/article/view/941>>. doi: <https://doi.org/10.26895/geosaberes.v11i0.941>.
- ✓ Borysenko K.B., Popov V.S., Oblokhina P.O. (2021). Elevation modeling of an area of the Siverskyi Donets riverbed (near Haidary village, Chuguyevskiy district, Kharkiv region). Visnyk of V. N. Karazin Kharkiv National University, Series "Geology. Geography. Ecology", (55), 128-140. <https://doi.org/10.26565/2410-7360-2021-55-10> <https://periodicals.karazin.ua/geoeco/article/view/18395> Web of Science
- ✓ Borysenko K. B., Ievlevleva Yu. V. Use of information and computer technologies during geography lessons. (2021). Collection of Scientific Papers No. 33, XXXIII of the International Scientific and Practical Internet Conference «Humanitarian Space of Science: Experience and Prospects» in Pereyaslav, Ukraine. 159–164.

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ORCID ID <https://orcid.org/0000-0002-7435-6857>

Profile Research Gate <https://www.researchgate.net/profile/Kateryna-Borysenko-3>

In 2014 successfully passed the **English exam** as a part of her postgraduate training program.

More information:

1) Since 2009, has been leading educational practices of the Department. Since 2009, in charge of the hydrological part of educational natural science practice in the village of Haydary (Zmiiv district). Since 2012, Head of educational professional practice (interregional part of the Carpathians).

2) Organizes weekend expeditions at the Department of Physical Geography and Cartography. Since 2019, has been appointed as the guarantor of the bachelor's training program «Geography, Natural Science and Sports and Tourism Work". Has a certificate of instructor of children and youth tourism.

3) Consultant of the Professional Development project (Professional Development of Education Workers) aimed at finding innovative ways to improve the qualifications of education workers in the conditions of diversification of relevant services. Expert of the National Agency for Quality Assurance of Higher Education, specialty 106 Geography.

4) Participated in scientific projects:

- ✓ Geoinformation Processing of Bathymetric Survey Data of Sections of the Lyakhova and Balaklika Rivers in the Area of Balaklia, Kharkiv region (2020)
- ✓ Hydrological, Geomorphological, Geoecological Research of Water Bodies of the Kharkiv Region Using Cartographic and Geoinformational Technologies (2021)