

PERSONAL INFORMATION



TETIANA KHVOROST

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<https://itf.snau.edu.ua/en/chairs/department-of-occupational-safety-and-physics/staff-of-the-department-of-occupational-safety-and-physics/tatiana-khvorost-ph-d-associate-professor/>

💬 Replace with type of IM service WhatsApp + 38 066 2718083

Sex Female | Date of birth 06/09/1983 | Nationality Ukrainian

LINKS TO RESEARCH
PROFILES ON WEB
PLATFORMS

Scopus Author ID: 57204932035

Web of Science Researcher ID: W-1084-2018

ORCID <https://orcid.org/0000-0002-8863-8126>

Research Gate <https://www.researchgate.net/profile/Tatiana-Khvorost>

Google Scholar <https://scholar.google.com.ua/citations?user=oMO-IPYAAA&hl=ru>

WORK EXPERIENCE

01.09.2025 till present

Associate Professor at the Engineering-Technological Faculty

Sumy National Agrarian University, 160 H.Kondratieva Str., Sumy, 40021, Ukraine

<https://snau.edu.ua/>

▪ Teaching and scientific activity in the sphere of Engineering management, Occupational Health and Safety, Workplace Ergonomics, Engineering Management, Time Management

▪ **Higher Educational Institution (Agricultural Sector)**

- Associate Professor (15.02.2017 – 31.08.2025) at the Engineering-Technological Faculty

- Associate Professor (01.09.2010 – 30.06.2018) at the Faculty of Economics and Management

- University instructor (01.09.2009 – 31.08.2010) at the Faculty of Economics and Management

Sumy National Agrarian University, 160 H.Kondratieva Str., Sumy, 40021, Ukraine
<https://snau.edu.ua/>

▪ Teaching and scientific activity in the sphere of Engineering management, Occupational Health and Safety, and International Management

Higher Educational Institution (Agricultural Sector)

Visiting professor at Department of Planning of Lifelong and Distance Learning

University of West Bohemia, Univerzitní 2732/8, 301 00 Pilsen, Czech Republic, Europ

<https://www.zcu.cz/en/index.html>

▪ Researcher. Research and analysis of digital content available in the Czech Republic to refugees for integration into society.

▪ Conducting mixed research using quantitative and qualitative methods which focused on the attitudes, opinions, experiences, and needs of refugees in connection with digital content available to them in the Czech Republic, including digital content provided by the University of West Bohemia in Pilsen

Higher Educational Institution

researcher of the "Problematic Research Laboratory of Integrated Rural Development", expert of the "Strategic Research Center"

Sumy National Agrarian University, 160 H.Kondratieva Str., Sumy, 40021, Ukraine

▪ Analysis of agricultural markets

Higher Educational Institution (Agricultural Sector)

EDUCATION AND TRAINING

01.09.2015 - 11.02.2017	Master Degree Program Subject Area «Mechanization in agriculture» Sumy National Agrarian University, Ukraine	7 EQF
15.11.2005 – 10.02.2010	PhD (Candidate of Economic Sciences) PhD award date 10.02.2010 Sumy National Agrarian University, Ukraine	8 EQF
1.09.2000 - 24.06.2005	Master of International Management Sumy Agricultural Institute (meanwhile Sumy National Agrarian University), Ukraine	7 EQF

PERSONAL SKILLS

Mother tongue(s) Ukrainian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
			Pearson B2		
Russian	C2	C2	C2	C2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ I can and I am used to work in the team. I'm energetic and enthusiastic about the work I start.

Organisational / managerial skills ▪ I am responsible for checking the quality of Moodle courses at the Occupational Safety and Physics Department. I was responsible for the organization of various workshops, conferences on the engineering- technological faculty

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Basic user	Basic user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificate(s)

▪ good command of office suite (word processor, spread sheet, presentation software)

Driving licence B

ADDITIONAL INFORMATION

Projects

International projects coordination:

- Local coordinator of the Erasmus+ Program. Key Action 1. Learning mobility for higher education students and staff 2022-2025 (Czech University of Life Sciences, SNAU)
- Local coordinator of international project of Czech University of Life Science in Prague, Sumy NAU, State University, Bila Tserkva NAU and Dnipro SAEU "Strenghtening AgriSciences in Ukraine: AgriSci-UA" (2024)

- Local coordinator of international project of Czech University of Life Science in Prague, Sumy NAU, State University, Bila Tserkva NAU and Dnipro SAEU "Empowering the Future of AgriSciences in Ukraine: AgriSci-UA" (2023)
- Local coordinator of international project of Czech University of Life Science in Prague, Sumy NAU, Dnipro State Agrarian and Economic University, Polissia National University, Chernihiv Polytechnic National University "Enhancement of the PhD student's potential for qualitative research in Ukraine" funded by the Ministry of Foreign Affairs of the Czech Republic (2022)
- Local coordinator of international project of Czech University of Life Science in Prague, Sumy NAU, State University, Bila Tserkva NAU and Dnipro SAEU "AgriSciences Platform for Scientific Enhancement of HEIs in Ukraine" funded by the Ministry of Foreign Affairs of the Czech Republic (2020-2021)

Participation in international projects:

1. Trainer for "Enhancement of Academic and Employment Potential of Ukrainian Young Refugees via Applied Digital Competences" (Future4Refugees) (KA210-YOU - Small-scale partnerships in youth), Erasmus+, West Bohemia University Pilsen, Czech Republic. Partner: Fundacja Ignatianum, Krakow, Poland. 2022-2024
2. Expert lecturer within the project ESF II, Department of Planning of Lifelong and Distance Learning, University of West Bohemia in Pilsen (design e-learning courses for Moodle) 1.04.-31.08.2022
3. Executor of the international project "Advancing Sustainable Agriculture in Ukraine" (Bern University of Applied Sciences, supported by the Swiss Agency for Development and Cooperation SDC and LLC "Nestlé Ukraine") duration: 2020- 2022
4. "Inter-University Cooperation as a Tool to Improve the Quality of Selected Universities of Ukraine" (joint international project of Czech University of Life Science in Prague, Sumy NAU, Sumy State University, Bila Tserkva NAU and Dnipro SAEU) (2019-2020).
5. "Support of young university capacity in education and research and science activities in Ukraine" (Czech University of Life Science in Prague and Sumy NAU, Sumy State University, Bila Tserkva NAU) under the financial support of Czech Development Agency under the financial support of Czech Development Agency (2019).
6. "Enhancement of Capacity Building Process in Quality of Education and Research at SNAU and SSU", jointly with Sumy State University, Czech University of Life Sciences Prague and under the financial support of Czech Development Agency. (2017)
7. "Support in Harmonization of Introduction of Bologna Principles at Ukrainian Agri-Universities, case study SNAU" jointly with Czech University of Life Sciences Prague and under the financial support of Czech Development Agency. (2015)

Funding received

- Individual grant within the framework "AgriSci-UA Platform: Strengthening Research Capacities and Deepening Collaboration Among Ukrainian Universities in Agricultural Sciences" Czech University of Life Sciences Prague (Faculty of Tropical AgriSciences) 12.11-19.12.2025
- Individual grant to participate in Mobility ERASMUS+ Staff Mobility For Training Czech University of Life Sciences Prague, 20.04-01.05.2025
- Individual grant to participate in Mobility ERASMUS+ Staff Mobility For Training Weihenstephan-Triesdorf University of Applied Sciences, Germany 11-15.11.2024
- Individual grant to participate in Mobility ERASMUS+ Staff Mobility For Training Czech University of Life Sciences Prague 05-15.06.2023
- Individual grant within the framework "Empowering the Future of AgriSciences in Ukraine: AgriSci-UA" Czech University of Life Sciences Prague 5-13.12.2023
- Individual grant within the framework Operational Programme Research, Development and Education, call „ 02_18_ 053 Mobility ZČU (Západočeská univerzita v Plzni, Czech Republic) of the project "CZ.02.2.69/0.0/0.0/18_053/0016927, supported by the European Structural Fund. 01.08.2022 – 31.12.2022
- Individual grant to participate in KA153-YOU - Mobility of youth workers project ERASMUS+ "I am nice as well" (X-periment in Overcoming Youth Bullying through Theater of the Oppressed Application), which will be held in Malta in September 2022.
- Mobility within the framework "Strengthening scientific capacities and cooperation of Ukrainian universities in AgriSciences" Czech University of Life Sciences Prague (Faculty of Tropical AgriSciences) October 2021

Publications

The most recent publications are:

1. Shuliak, M., Chepizhnyi, A., Khvorost, T., Sokolik, S., & Murchych, M. (2025). Determination of rational conditions for the movement of transport and technological units when using technological machines with driving wheels. *Technology Audit and Production Reserves*, 3(1(83), 20-27. <https://doi.org/10.15587/2706-5448.2025.329741>
2. Khvorost, T. V., Khursenko, S. M., Semeryna, O. V., & Vasylenko, O. O. (2025). INFLUENCE OF HARMFUL FACTORS OF THE WORKING AREA ON THE DEVELOPMENT TO OCCUPATIONAL DISEASES OF AGRICULTURAL WORKERS. *Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes*, (1 (59), 96-101. <https://doi.org/10.32782/msnau.2025.1.15>
3. Khursenko, S. M., Semeryna, O. V., Khvorost, T. V., & Vasylenko, O. O. (2025). USE OF EUROPEAN EXPERIENCE IN DEVELOPING PREVENTIVE MEASURES FOR WORK SAFETY. *Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes*, (4 (58), 89-95. <https://doi.org/10.32782/msnau.2024.4.13>
4. Zubko, V. M., Khvorost, T. V., Teslenko, O., Romanovsky, M. O., & Guz, O. (2024). EFFICIENCY OF THE USE OF UAVS DURING THE APPLICATION OF PPPS, HERBICIDES AND GROWTH REGULATORS (PHYTOHORMONES). *Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes*, (2 (56), 34-42. <https://doi.org/10.32782/msnau.2024.2.5>
5. Zubko, V. M., Khvorost, T. V., Teslenko, O., Barabash, G. I., Omelchenko, E. M., & Romanovsky, M. O. (2024). RESEARCH OF THE ORGANIZATION AND IMPLEMENTATION OF MECHANIZED TECHNOLOGICAL OPERATIONS IN PLANT PRODUCTION. *Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes*, (1 (55), 37-45. <https://doi.org/10.32782/msnau.2024.1.5>
6. Zubko, V., Khvorost, T., Melnyk, V., Omelchenko, E., Kovalenko, Y. S., & Teslenko, O. (2023). JUSTIFICATION OF THE NEED FOR A FLEET OF MACHINES FOR THE CULTIVATION OF GRAIN AND LEGUMINOUS CROPS IN THE STRUCTURAL UNITS OF THE DPTNZ WITH AN AREA OF 300–500 HECTARES. *Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes*, (3 (53), 40-47. <https://doi.org/10.32782/msnau.2023.3.7>
7. Zubko, V. M., Khvorost, T. V., & Litvinenko, Y. Y. (2021). RESEARCH OF EFFICIENCY OF USING THE SMARTFIRMER SYSTEM IN GROWING CORN ON GRAIN. *Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes*, (3 (45), 18-23. <https://doi.org/10.32845/msnau.2021.3.3>
8. ZamoraO., Shcherbyna T., Christianson J. S., Khvorost T. (2022) Experience of Digital Tools Application for Education in Wartime Ukraine. "DisCo 2022: Empowering Digital and Entrepreneurial Competences through E-learning" (WoS indexing in progress)
9. ZamoraO., Shcherbyna T., Christianson J. S., Khvorost T. (2021) Covid Realities in Higher Education: Review and Evidence from Ukraine. "DisCo 2021: Active Learning in Digital Era: How Digital Tools promote a Conscious, Open-minded, Creative and Social-Oriented Thinking" (WoS)
10. Zubko, V. M., Khvorost, T. V., & Litvinenko, Y. Y. (2021). Research of efficiency of using the smart firmer system in growing corn on grain. *Bulletin of Sumy National Agrarian University. The Series: Mechanization and Automation of Production Processes*, (3 (45), 18-23. <https://doi.org/10.32845/msnau.2021.3.3>
11. Zubko, V., Sokolik S., Khvorost, T., Melnyk V. (2021): Factors affecting the quality of tillage with a disc harrow. *Proceedings of 20th International scientific conference Engineering for Rural Development 2021*, Jelgava, 26-28.05.2021. DOI: 10.22616/ERDev.2021.20.TF262 https://www.researchgate.net/publication/352925274_Factors_affecting_quality_of_tillage_with_disc_harrow (Scopus)
12. Zubko, V., Khvorost, T., Zamora, O., Onychko, V. (2020): Methods of Maintaining Soil Depth Evenness during Disk Tillage. *Scientia Agriculturae Bohemica*, 51, 22-30. DOI: 10.2478/sab-2020-0004 ([PDF](https://www.academia.edu/352925274_Methods_of_Maintaining_Soil_Depth_Evenness_During_Disk_Tillage) Methods of Maintaining Soil Depth Evenness During Disk Tillage | Zamora Oksana - Academia.edu) (Scopus)
13. Oksana Zamora, J. Scott Christianson, Tetiana Khvorost (2020) Personalized learning against technological fatigue. *DisCo 2020: Active Learning in Digital Era: How Digital Tools promote a Conscious, Open-minded, Creative and Social-Oriented Thinking*. - 130-143 p. <https://disconference.eu/wp-content/uploads/2022/02/DisCo2020-Online-Education-in-the-Age-of-Covid-19-15th-conference-reader.pdf> (WoS)
14. O. Zamora, J.S. Christianson, T. Khvorost (2019) Teaching Emerging Technologies at the International Level via the Interactive Methods. Conference the DisCo 2019: E-learning – Unlocking the Gate of Education around the Globe June 20 - 21, 2019, Prague. - 438-451 p. https://disconference.eu/wp-content/uploads/2017/01/DisCo-2019- E-learning- -Unlocking-the-Gate-of-Education-around-the-Globe_14conference-reader-1.pdf (WoS)
15. Zamora O., O. Ponomarenko, T. Khvorost (2018) The Role of Independent Online Education Platforms for the Development of the Qualitative Education in Ukraine. Conference the DisCo 2018

- International conference "Overcoming the Challenges and the Barriers in Open Education" – 420-432 p. <https://disconference.eu/wp-content/uploads/2017/01/DisCo-2018-Overcoming-the-Challenges-and-Barries-in-Open-Education-13th-conference-reader.pdf> (WoS).
16. H. Roubik, V.Zubko, T. Khvorost, O.Zamora (2018) Analysis and forecast of performance characteristics of combine harvesters// Agronomy Research 16(5), 2282 2302, 2018 <https://doi.org/10.15159/AR.18.212> (Scopus).
17. Zamora O., Khvorost T., Klietsova N. (2017) Enhancing Knowledge Society Concept via Educational Projects. DisCo 2017. Open education as a way to a knowledge society – 67-86 p. - https://disconference.eu/wp-content/uploads/2017/01/DisCo-2017-Open-education-as-a-way-to-a-knowledge-society_-12th-conference-reader.pdf (WoS)
18. Zamora O., Khvorost T., Klietsova N., (2017). Enhancing a knowledge society concept via educational projects. AULA časopis pro vysokoškolskou a vědní politiku. 1-2 / 2017 ročník XXV 55-69 p. https://www.researchgate.net/publication/338901706_Enhancing_a_knowledge_society_concept_via_educational_projects?channel=doi&linkId=5e31e34d299bf1cdb9fc8b5b&showFulltext=true

Certifications

- Completion of an international internship entitled 'AgriSci-UA Platform: Strengthening Research Capabilities and Deepening Cooperation between Ukrainian Universities in the Field of Agricultural Sciences,' issued by the Czech University of Life Sciences Prague (Czech Republic) from 12 November to 19 December 2025. Certificate of completion (number AW2025/015 dated 19 December 2025).
- Advanced training course 'Extensive Course on AI in Education' from 26 May to 9 June, (number VKSHIO-4085) NGO Progressivni, Ministry of Digital Transformation of Ukraine, Ministry of Education and Science of Ukraine.
- Certificate of completion of the spring online school 'Implementation of Bioenergy Technologies for Waste Processing in the EU'. Educational project BIOINWASTE within the EU Erasmus+ programme - Jean Monnet Module from 23 April to 20 June 2025.
- Completed training as part of the STT - TRAINING international mobility programme under Erasmus+ at the Czech University of Life Sciences Prague from 20 April 2025 to 1 May 2025
- Completed an international internship at the Czech University of Life Sciences in Prague, 'Mobility for young scientists to the Czech Republic (Czech University of Life Sciences in Prague)' from 16 to 20 December 2024, organised as part of the project; 'Strengthening Agricultural Sciences in Ukraine: AgriSci-UA', certificate dated 20 December 2024
- Completed training by the Ukrainian Red Cross Society in teaching the population first aid Certificate number B21256 dated 22 June 2024
- Certificate for participation in the international conference "Grand-Funded Projects as an Essential Driver of the Research and Education Advancement of the HEIs" Сертифікат № KSE/264/2021 5.05.2021