



Name	Yevhen Korostelov
Position, Department/Faculty	Dean of the Faculty of International Integration and Academic Mobility / Associate Professor of the Department of Geoinformation Technologies and Earth Space Monitoring
Academic Degree, Academic Title	PhD in Technical Sciences, Associate Professor
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Scopus Author ID:	57192542635
Web of Science ResearcherID:	L-3392-2017
ORCID iD:	0000-0002-9589-8196
Google Scholar:	https://scholar.google.com.ua/citations?user=y_6tiAcAAAAJ&hl=uk
ResearchGate:	https://www.researchgate.net/profile/Yevhen-Korostelov?utm_source=chatgpt.com

EDUCATION:

Basic education (university, major, year of graduation):

1. Ukrainian State Academy of Railway Transport, Railway Structures and Track Facilities, 2013.
2. O.M. Beketov National University of Urban Economy in Kharkiv, Geodesy and Land Management, 2021.

Postgraduate/Doctoral studies:

PhD in Technical Sciences since 2017. The dissertation was defended at the Specialized Academic Council K 26.820.02 at the State University of Infrastructure and Technologies, specialty 05.22.06 – Railway Track.

Dissertation topic: "Increasing the Service Life of Metro Rails by Slowing Down the Development of Their Dominant Defects."

Additional training, certification programs:

1. National University "Yuri Kondratyuk Poltava Polytechnic," Certificate NV No. 02071100 / 0027-22, from 01.12.2021 to 31.05.2022.

Topic: "Geodesy and Land Management." 900 hours.

2. Vilnius Gediminas Technical University (VILNIUS TECH), 18.03.2022–20.05.2022. "UNIFIED EDUCATIONAL Space: UKRAINE-EU."

WORK EXPERIENCE:

Professional Career (Years, Workplace, Position):

2013–2016 – Ukrainian State University of Railway Transport, Postgraduate Student, Department of Construction-Track, Mining, and Loading-Unloading Machines;

2014–2016 – Ukrainian State University of Railway Transport, Engineer, Department of Track and Track Facilities;

2018 – Ukrainian State University of Railway Transport, Engineer, Department of Surveying and Design of Communication Routes, Geodesy and Land Management;

2018–2019 – Ukrainian State University of Railway Transport, Assistant, Department of Surveying

and Design of Communication Routes, Geodesy and Land Management;

2019–2020 – Ukrainian State University of Railway Transport, Senior Lecturer, Department of Surveying and Design of Communication Routes, Geodesy and Land Management;

2020–2025 – Ukrainian State University of Railway Transport, Associate Professor, Department of Surveying and Design of Communication Routes, Geodesy and Land Management;

2025 – present – National Aerospace University "Kharkiv Aviation Institute," Dean of the Faculty of International Integration and Academic Mobility.

Teaching Experience:

2018–2019 – Ukrainian State University of Railway Transport, Assistant, Department of Surveying and Design of Communication Routes, Geodesy and Land Management;

2019–2020 – Ukrainian State University of Railway Transport, Senior Lecturer, Department of Surveying and Design of Communication Routes, Geodesy and Land Management;

2020–2025 – Ukrainian State University of Railway Transport, Associate Professor, Department of Surveying and Design of Communication Routes, Geodesy and Land Management;

2025 – present – National Aerospace University "Kharkiv Aviation Institute," Associate Professor of the Department of Geoinformation Technologies and Earth Space Monitoring.

Experience in International or National Projects:

2021–2022 – National Project: «Geodesy and Land Management» (National University «Yuri Kondratyuk Poltava Polytechnic»).

Professional training program, 900 hours.

Focus: modernization of land management methods and implementation of GIS technologies.

2022 – International Project: «UNIFIED EDUCATIONAL Space: UKRAINE–EU» (Vilnius Gediminas Technical University – VILNIUS TECH, Lithuania).

Duration: March–May 2022.

Role: participant in international academic mobility and integration program.

2022–2024 – Applied Research Project: Application of Laser Technologies for Scanning Communication Routes While Restoring the Infrastructure of Ukraine.

Contribution: co-author of research chapter, integration of innovative geodetic technologies into infrastructure rehabilitation.

RESEARCH ACTIVITIES:

Main Research Areas:

Improvement of the operational service life of railway rails by slowing down the development of their dominant defects.

Geoinformation systems (GIS) in land management and urban planning.

Application of modern surveying technologies (GNSS, total stations, laser scanning) for infrastructure monitoring.

Digital modeling of terrain and transport networks.

Development of methodological guidelines and innovative solutions in geodesy and land management.

Number of Publications (Scopus, WoS, others):

Scopus & Web of Science indexed journals: 9 articles.

Other scientific publications and conference proceedings: over 50.

Patents: 2 (1 invention patent, 1 utility model).

Total scientific and educational works: more than 60.

Monographs, Textbooks:

Author and co-author of more than 60 scientific and educational works, including teaching and methodological developments.

Contributions to collective monographs on the application of laser technologies in infrastructure restoration and the use of GIS in transport flow network research.

Development of educational materials and methodological guidelines in Geodesy and Land Management for students of higher education institutions.

Participation in Scientific Conferences:

Regular participant in **national and international scientific conferences** in the fields of geodesy, land management, and railway transport engineering.

Speaker at conferences dedicated to **infrastructure restoration in Ukraine**, presenting results on the application of laser scanning technologies and GIS tools.

Participation in **international academic mobility programs** with presentations on geodesy and spatial data management (e.g., VILNIUS TECH, 2022).

Presenter at conferences on **transport planning and high-speed traffic competitiveness** in Ukraine.

Active involvement in **student and young scientist conferences**, contributing to discussions on digital terrain modeling and modern surveying methods.

TEACHING ACTIVITIES:

Courses Taught:

Monitoring of Land and Engineering Structures

Author Courses, Academic Programs:

Monitoring of Land and Engineering Structures

Methodological Materials, Textbooks:

1. Методичні вказівки до виконання лабораторних робіт з дисципліни «Інженерна геодезія та основи геодезії» // Орел Є.Ф., Саяпін О.С., Коростельов Є.М., Малявін А.М. Ч. 1 / Харків: УкрДУЗТ. – 2018. – 63 с;

2. Методичні вказівки до виконання лабораторних робіт з дисципліни «Інженерна геодезія та основи геодезії» // Орел Є.Ф., Саяпін О.С., Коростельов Є.М., Малявін А.М. Ч. 2 / Харків: УкрДУЗТ. – 2018. – 30 с;

3. Журнал лабораторних робіт з дисципліни «Інженерна геодезія» для студентів будівельного факультету всіх форм навчання // Орел Є.Ф., Саяпін О.С., Коростельов Є. М. / Харків: УкрДУЗТ. – 2018. – 59 с.

GRANTS AND PROJECTS:

Participation in International and National Projects:

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Grants, Scholarships, Academic Mobility Programs:

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PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Honorary Titles:

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Distinctions, Awards, Prizes:

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Membership in Professional Associations:

Ukrainian Astronomical Association

INTERNATIONAL ACTIVITIES:

Internships:

Vilnius Gediminas Technical University (VILNIUS TECH), 18.03.2022–20.05.2022.
"UNIFIED EDUCATIONAL Space: UKRAINE-EU."

Cooperation with Foreign Universities:

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Teaching/Lecturing Abroad:

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SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

1. Rationale for the Construction of Bypasses in Settlements Using the Hierarchical Analysis Method
Yevgeniia Ugnenko, Elena Uzhviieva, Nataliia Sorochuk, Yevhen Korostelov, Nataliia Bielikova
International Conference TRANSBALTICA XV: Transportation Science and Technology, 2025, pp. 569-578.

[DOI: 10.1007/978-3-031-85390-6_53](https://doi.org/10.1007/978-3-031-85390-6_53)

2. Актуалітети земельного розвитку громад та оборонної стійкості України
Г.І. Шарий, Є.Б. Угненко, Н.І. Сорочук, Є.М. Коростельов, О.М. Ужвієва
Збірник наукових праць УкрДУЗТ, 2024, Вип. 210, с. 145–153.

[DOI: 10.18664/1994-7852.210.2024.320700](https://doi.org/10.18664/1994-7852.210.2024.320700)

3. Application of Laser Technologies for Scanning Communication Routes While Restoring the Infrastructure of Ukraine
Sergii Panchenko, Yevgeniia Ugnenko, Elena Uzhviieva, Yevhen Korostelov, Nataliia Sorochuk
International Conference TRANSBALTICA XIV, 2024, pp. 3–11.

[DOI: 10.1007/978-3-031-52652-7_1](https://doi.org/10.1007/978-3-031-52652-7_1)

4. Інженерно-геодезичні вишукування. Геометричне нівелювання траси
Угненко Є.Б., Шарий Г.І., Ужвієва О.М., Коростельов Є.М., Сорочук Н.І., Шевченко А.О., Білікова А.О.
Збірник наукових праць УкрДУЗТ, 2024, Вип. 208, с. 92–105.

[DOI: 10.18664/1994-7852.208.2024.308203](https://doi.org/10.18664/1994-7852.208.2024.308203)

5. Розвиток адміністративно-територіального устрою України як відповідь на мілітарні виклики
Шарий Г.І., Угненко Є.Б., Сорочук Н.І., Коростельов Є.М., Ужвієва О.М., Шевченко А.О.
Збірник наукових праць УкрДУЗТ, 2023, Вип. 206, с. 129–138

[DOI: 10.18664/1994-7852.206.2023.296772](https://doi.org/10.18664/1994-7852.206.2023.296772)

6. Innovative Methods of Using Laser Scanning and Geoinformation Systems for Design of Communication Routes Sergii Panchenko, Ievgeniia Ugnenko, Valentina Yurchenko, Elena Uzhviieva, Nataliia Sorochuk, Yevhen Korostelov 12th International Conference “Environmental Engineering”, Vilnius, 2023.

DOI: 10.3846/enviro.2023.843

Research of Geographical Information Systems of Graded Transport Flow Networks of Ukraine Yevheniia Ugnenko, Elena Uzhviieva, Nataliia Sorochuk, Yevhen Korostelov, Gintas Viselga International Conference TRANSBALTICA 2019, Lecture Notes in Intelligent Transportation and Infrastructure, 2021, pp. 568–577 DOI: 10.1007/978-3-030-94774-3_56.

Books, Chapters in Collective Monographs:

Угненко Є. Б., Шевченко А. О., Ужвієва О. М., Коростельов Є. М., Белікова Н. В., Сорочук Н. І. (2017). Навчальна геодезична практика: навч. посібник. — Київ: Видавничий дім «Кондор». — 214 с. ISBN 978-617-8471-07-1

Links to Citation Database Profiles:
text

ADDITIONAL INFORMATION:

Language Proficiency:

Ukrainian — native

English — Upper-Intermediate (B2)

IT Skills:

MS Office (Word, Excel, PowerPoint) — advanced;

AutoCAD — intermediate;

GIS software (ArcGIS, QGIS) — intermediate.

Social and Community Activities:

Member of the Ukrainian Astronomical Association;

Volunteer in environmental and land monitoring projects;

Organization of student geodesy field practice and training events.