

	ПІБ	Eleonora Darmofal
	Посада, кафедра/факультет	Director of the Center for Educational Quality, Licensing and Accreditation, Associate Professor of the Department of Ecology and Technogenic Safety
	Науковий ступінь, вчене звання	Candidate of Technical Sciences, Associate Professor, Corresponding Member of the Engineering Academy of Ukraine
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	ResearchGate:	

EDUCATION:

Basic Education (university, specialty, year of graduation):

1. Master's Degree. Ukrainian Engineering Pedagogics Academy, Kharkiv. Specialty: Management. Educational Program: Management of an Educational Institution. Qualification: Head of an Enterprise, Institution, or Organization (in the field of education and vocational training). Year of graduation: 2018.
2. Specialist Degree. Ukrainian Engineering Pedagogics Academy, Kharkiv. Specialty: Vocational Education. Metallurgy in Mechanical Engineering and Instrument Engineering. Qualification: Engineer-Pedagogue. Year of graduation: 1999.

Postgraduate / Doctoral Studies:

Associate Professor

Ministry of Education and Science of Ukraine. Certificate of Associate Professor AD No. 018010, issued on October 7, 2025. Department of Ecology and Technogenic Safety, National Aerospace University "Kharkiv Aviation Institute".

Corresponding Member

Engineering Academy of Ukraine. Diploma No. 318 (Protocol No. 36 dated June 27, 2024).

Candidate of Technical Sciences.

Ministry of Education and Science of Ukraine. Diploma DK No. 061320 dated June 29, 2021. The defense was held on May 07, 2021, at the meeting of the Specialized Academic Council D 55.051.04 at Sumy State University, specialty 21.06.01 – Environmental Safety.

Dissertation topic: "Reduction of Technogenic Impact on Atmospheric Air Through Filtration of Mine Emissions."

Additional Training and Certification Programs:

1. Charitable Organization “Strong Ukraine Foundation” (EDRPOU 44696177), Certificate No. SU2143 dated 08.11.2024. Training: *Psychological Resilience and First Psychological Aid*, 4 hours (0.13 ECTS credits), 2024.
2. Private Higher Education Institution “European University.” *Popular Course on Accreditation of Educational Programs* — 240 academic hours (8 ECTS credits), conducted from August 13 to October 14, 2024. Certificate of Professional Development, series ПК No. 24366800/001068-24 dated October 14, 2024 (registration number 548/24), 2024.
3. Darmofal Eleonora. International Professional Development “INTERACTIVE TECHNOLOGIES OF BLENDED LEARNING IN THE TRAINING OF EDUCATION SEEKERS OF TECHNICAL SPECIALTIES IN THE EU COUNTRIES AND UKRAINE.” Participation in the international qualification advancement program (webinar). 20 hours of practical work and 13 hours of self-study. Total volume: 1.5 ECTS credits (45 hours), including 12 hours of lectures. Disciplines: *Ecology, Environmental and Industrial Safety*. Held from August 28 to September 4, 2023, Lublin (Republic of Poland), 2023.
4. Darmofal Eleonora. International Advanced Training (Webinar): “USING THE OPPORTUNITIES OF CLOUD SERVICES IN ONLINE LEARNING FOR THE HUMANITIES USING THE ZOOM AND MOODLE PLATFORMS.” Total volume: 1.5 ECTS credits (45 hours), including 12 hours of lectures, 20 hours of practical sessions, and 13 hours of self-study. Disciplines: *Environmental Audit and Climate Management; Systems Analysis*. Conducted from May 3 to May 23, 2022, Lublin (Republic of Poland), 2022.
5. Institute of Sport and Physical Culture, University of Economics in Bydgoszcz (Poland). Scientific and didactic internship “*Educational Projects: from Project Support to Implementation*,” conducted from September 1 to September 30, 2020. 180 hours (6 ECTS credits), 2020.
6. Institute of Sport and Physical Culture, University of Economics in Bydgoszcz (Poland). Scientific and didactic internship “*Modern Trends in Healthcare, Ecology, and Environmental Safety in Higher Education at EU Universities*,” conducted from October 8 to October 12, 2019. 180 hours (6 ECTS credits), 2019.

WORK EXPERIENCE:

1994–2001 – Kupiansk Foundry Plant

- Core Maker for Manual Molding.
- Laboratory Assistant in Chemical Analysis of the Cast-Iron Foundry Shop.
- Engineer (Marketing and External Relations Department).
- Customs Declaration Engineer (Contracts, Agreements and Customs Declaration Department).

2003 – Kharkiv Institute of Ecology and Social Protection

- Personnel Department Inspector.



2003–2022 – Kharkiv State Academy of Physical Culture

- Inspector.
- Senior Inspector.
- Head of the Academic Department.

2022–2023 – Kharkiv Specialized School No. 162 of Kharkiv City Council, Kharkiv Region

- Director.

2023 – present – National Aerospace University “Kharkiv Aviation Institute”

- Director of the Center for Educational Quality, Licensing and Accreditation.

Experience in International or National Projects:

2019–2024 – “Health-Forming Technologies and the Process of Physical Therapy for Individuals of Various Nosological, Professional, and Age Groups” (State Registration No. 0119U102115) – Project Performer.

RESEARCH ACTIVITIES:

Main Research Areas:

- Environmental safety and technogenic ecology, with a focus on risk assessment, prevention of adverse impacts, and strengthening the resilience of natural and technogenic systems.
- Eco-economic strategies aimed at developing balanced solutions in the fields of environmental management, resource efficiency, and the advancement of green innovations.
- Higher education management, including issues of educational quality, strategic planning, digital transformation, and the development of university autonomy.
- Digital technologies in education and management, their implementation to enhance the efficiency of the educational process, monitoring, and analytics.
- Sustainable development strategies in education, integration of ESG principles, European standards, and environmentally oriented approaches into the activities of higher education institutions.
- Greening of the educational process, development and implementation of educational components that promote environmental awareness, culture, and competencies among learners.

Number of Publications (Scopus, WoS, others):

More than 60 scientific publications, including indexed articles in Scopus and Web of Science; numerous conference papers and applied research outputs.

Monographs and Textbooks:

Co-author of 1 monograph and 6 educational and methodological textbooks in the fields of life safety, occupational safety, and civil protection.

Participation in Scientific Conferences:

Regular participant (over 30 conferences) and presenter at international and national scientific and technical conferences on ecology, technogenic ecology, life safety, occupational safety,

civil protection, higher education management, and the greening of the educational process (Ukraine, Poland, Romania, Italy, Germany, and online forums).

TEACHING ACTIVITIES:

Courses taught:

- Techno ecology.
- Methodology of Experimental Research.

Author of courses and academic programs:

- Techno ecology.

Teaching materials and textbooks:

- Co-author of textbooks in the fields of life safety, occupational safety, and civil protection.

Developer of electronic resources:

- Creator of e-learning materials and video content for hybrid and online learning (Moodle).

GRANTS AND PROJECTS:

Participation in international and national projects:

- International project “Self-diagnosis of Breast Cancer among Young Ukrainian Women” under the RITA program “Changes in the Region.” The project is co-financed by the Polish-American Freedom Foundation within the RITA program “Changes in the Region,” implemented by the Education for Democracy Foundation (Poland) – participant.

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Awards, distinctions, prizes:

- Letter of Appreciation from the Ministry of Education and Science of Ukraine (2025).
- Certificate of Honor from the Kharkiv Regional Council (2024).
- Distinction “Volunteer Valor” (No. 0711, Order No. 68 dated 20.11.2023).
- Mykola Vasylovych Gogol Medal for personal merits (20.03.2013).

Membership in Professional Associations:

1. Public Organization “Union of Specialists in Human Life Safety” — Certificate No. 181-16 dated 29.02.2016
2. Public Organization “MFNO” — Certificate No. ESO 439 dated 01.09.2022

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

1. Naumik-Gladka, K., Kakhovska, O., Darmofal, E., Stankevych, S. Business communications in environmental tourism. *Ukrainian Journal of Ecology*, 2021, 11(7), 1–5. doi: 10.15421/2021_235. (Web of Science) <https://www.ujecology.com/abstract/business-communications-in-environmental-tourism-84202.html>
2. Postupna, O.V., Stepanko, O.V., Piven, A.B., Darmofal, E.A., Stankevych, S. Social and legal aspects of environmental education and public policy. *Ukrainian Journal of Ecology*, 2021, 11(9), 82–87. doi: 10.15421/2021_299. (Web of Science). <https://www.ujecology.com/abstract/social-and-legal-aspects-of-environmental-education-and-public-policy-88007.html>
3. Avramenko, A., Vnukova, N., Kozlovskiy, O., Zipunnikov, M., Hradovych, N., Darmofal, E., & Khaneichuk, K. (2022). Revealing the effect of plasma-chemical treatment of propane-butane fuel on

- the environmental characteristics of the internal combustion engine. *Eastern-European Journal of Enterprise Technologies*, 3(10(117)), 14–20. (Scopus)
<https://doi.org/10.15587/1729-4061.2022.259477>
<https://journals.urau.ua/eejet/article/view/259477/256799>
4. Sadkovyi, V., Pospelov, B., Rybka, E., Kreminskyi, B., Yashchenko, O., Bezuhla, Y., Darmofal, E., Kochanov, E., Hryshko, S., & Kozynska, I. (2022). Development of a method for assessing the reliability of fire detection in premises. *Eastern-European Journal of Enterprise Technologies*, 3(10(117)), 56–62. (Scopus)
<https://doi.org/10.15587/1729-4061.2022.259493>
<http://repositsc.nuczu.edu.ua/bitstream/123456789/16704/1/R%20y%20b%20k%20a.pdf>
 5. Blyznyuk O., Vasilchenko A., Danilin O., Darmofal E. (2022). Influence of nature of pigments and dyes on coloring properties of polymeric superconcentrates. *Solid State Phenomena*, “Structural and Functional Materials,” Vol. 334, 131–144. (Scopus)
<https://doi.org/10.4028/v-k937n5>
<https://www.scientific.net/SSP.334.131>
 6. Krayniuk O.V., Buts Y.V., Ponomarenko R.V., Lotsman P.I., Asotskyi V.V., Darmofal E.A. (2022). Geocological analysis of impacts of the use of plastic waste in road construction on the geological environment. *Geography & Geoecology*, 31(3), 493–503. doi: 10.15421/112245. (Web of Science)
<https://geology-dnu.dp.ua/index.php/GG/article/view/939/763>
 7. Vasilchenko A., Danilin O., Darmofal E., Lutsenko T. (2024). Assessment of the influence of features of crack formation in reinforced concrete products on their fire resistance. *Defect and Diffusion Forum*, Vol. 437, 61–68. ISSN 1662-9507. (Scopus)
<https://doi.org/10.4028/p-7LP4ry>
<https://www.scientific.net/DDF.437.61>
 8. Shyogoleva M., Vasilchenko A., Darmofal E. (2024). Assessment of the activity of galvanic couples involving amalgam filling materials. *Materials Science Forum*, Vol. 1126, 151–158. ISSN 1662-9752. (Scopus)
<https://doi.org/10.4028/p-Vy2VZg>
<https://www.scientific.net/MSF.1126.151>
 9. Lytvynov O., Vnukova N., Shevchenko I., Darmofal E. (2025). Constructing a sustainable development model for universities: mechanisms of integration and efficiency. *Eastern-European Journal of Enterprise Technologies*, Vol. 135, Issue 13, p. 47. (Scopus)
DOI: <https://doi.org/10.15587/1729-4061.2025.329997>
 10. Krainiuk O.V., Buts Y.V., Ponomarenko R.V., Asotskyi V.V., Darmofal E.A., Kalynovskyi A.Y., Maniuk V.V. Environmental consequences of military operations in Ukraine on the example of soil research in the Kharkiv region (2025). *Journal of Geology, Geography, and Geology*, 34(2), 304–317. doi: 10.15421/112526. (Web of Science)
<http://repositsc.nuczu.edu.ua/bitstream/123456789/25306/1/1266-Article%20Text-1816-1-10-20250702.pdf>

Books and Chapters in Collective Monographs:

1. Adamenko M.I., Darmofal E.A., Kostikov A.O., Podrigalo L.V. Life Safety: Textbook. Kharkiv: Panov A.M. Publishing, 2015. – 303 p.
2. Tretiakov O.V., Adamenko M.I., Darmofal E.A. Life Safety: A Textbook for Students' Independent Work. Kharkiv: Panov A.M. Publishing, 2016. – 360 p. (Approved by the Ministry of Education and Science of Ukraine).

3. Tretiakov O.V., Adamenko M.I., Darmofal E.A. Fundamentals of Occupational Safety: A Textbook for Students' Independent Work. Kharkiv: Panov A.M. Publishing, 2017. – 492 p. (Approved by the Ministry of Education and Science of Ukraine).
4. Tretiakov O.V., Podrigalo L.V., Darmofal E.A. Life Safety and Fundamentals of Occupational Safety: A Textbook for Students' Independent Work. Kharkiv: Panov A.M. Publishing, 2019. – 352 p.
5. Vnukova N., Ruban L., Darmofal E. General Theory of Health. Part 1. Ecopathology. Fundamentals of Medical Knowledge: Textbook. Kharkiv: Panov A.M., 2023. – 352 p. ISBN 978-617-7920-36-5
6. Darmofal E.A., Kostikov A.O., Kruchyna V.V., Kuznetsova N.V., Bereshko I.M., Kleievska V.L., Makarenko D.M. Life Safety, Occupational Safety, and Civil Protection: Textbook. Kharkiv: KhAI, 2025. Part 1 – 198 p. ISBN 978-966-662-957-2

ADDITIONAL INFORMATION:

Language Proficiency:

- Ukrainian — native.

IT Skills:

- MS Office (Word, Excel, PowerPoint) — advanced level.
- AutoCAD — intermediate level.
- GIS software (ArcGIS, QGIS) — intermediate level.

Social and Community Engagement:

During the full-scale invasion of the Russian Federation into Ukraine, actively engaged in volunteer and charitable activities, including cooperation with rehabilitation centers and organizations providing support to servicemen and affected civilians.

Coordinated initiatives aimed at developing and promoting academic integrity policies at the National Aerospace University "Kharkiv Aviation Institute." Organized thematic trainings, educational events, and information campaigns to enhance awareness among participants of the educational process regarding standards of academic culture and ethical practices.