



Name	Tetiana Klochko
Position, Department/Faculty	Docent of the Department of Ecology and Technogenic Safety / Faculty of Aeronautical Engineering
Academic Degree, Academic Title	Candidate of technical science (Ph. D.)
Email:	t.klochko@khai.edu
Scopus Author ID:	57205566730
Web of Science ResearcherID:	LHA-7534-2024
ORCID iD:	0000-0002-1506-706X
Google Scholar:	https://scholar.google.com/citations?user=9_sXKiEAAAA
ResearchGate:	https://www.researchgate.net/profile/Tetiana-Klochko

EDUCATION:

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

engineer geologist

V. N. Karazin Kharkiv National University,
[01/09/1981 – 05/06/1987]

Postgraduate/Doctoral studies:

Candidate of Engineering Sciences

Ministry of Education and Science of Ukraine [26/11/2020]

Additional training, certification programs:

Certificate of Participation in the online course:

"Assessment of environmental damage caused by Russian armed aggression" Prometheus digital platform [21/06/2023]

"Planetary Well-being: What Everyone Should Know and Can Do" Prometheus digital platform [28/04/2023]

"Advanced training courses for certified environmental auditors" State Ecological Academy of Postgraduate Education and Management [21/11/2022 - 25/11/2022]

training course "Improving the qualifications of environmental auditors" State Agency of Water Resources of Ukraine, [15/10/2019 - 18/10/2019]

"Spatial Cadastral Information System" Vancouver Island University, Canada.
[15/09/2016 - 15/12/2016]

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

Docent of the Department of Ecology and Technogenic Safety National Aerospace University "Kharkiv Aviation Institute" [2021 – Current]

Senior lecturer of the Department of Ecology and Technogenic Safety National Aerospace University "Kharkiv Aviation Institute" [2005 - 2021]

Head of the geoinformation department of the State Enterprise Research and Development Institute "Soyuz" [2003 – 2011]

Research assistant at the North-Eastern Scientific Center "Intellect-Service" [1998 – 2003]
Junior research assistant at the North-Eastern Scientific Center of the National Academy of Sciences [1997 – 1998]
Junior researcher at the Institute of Ecological Problems [1987 – 1997].

Teaching Experience:

Teacher of the Department of Ecology and Technogenic Safety National Aerospace University "Kharkiv Aviation Institute" [2005 – Current]

Experience in International or National Projects:

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RESEARCH ACTIVITIES:

Main Research Areas:

research of environmental components using remote means,

Number of Publications (Scopus, WoS, others):

Over 50 scientific publications, including indexed articles in Scopus and Web of Science databases; multiple conference proceedings and applied research outputs.

Monographs, Textbooks:

Co-author of 3 monographs in the fields of research of environmental components using remote means

Participation in Scientific Conferences:

Regular participant (more 30) and speaker at international and national scientific conferences on ecology

TEACHING ACTIVITIES:

Courses Taught:

Environmental monitoring;
Environmental management and audit;
Landscape ecology;
Geology and geomorphology
Environmental assessment of the territory.

Author Courses, Academic Programs:

Contributor to educational modules on Environmental monitoring; Environmental management and audit; Landscape ecology; Geology and geomorphology, Environmental assessment of the territory/

Methodological Materials, Textbooks:

Co-author of 5 textbooks in the field of ecology.

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:

Acknowledgment from the Kharkiv City Mayor
Kharkiv City Council [2024]

Distinctions, Awards, Prizes:

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Membership in Professional Associations:

Member of the Union of Environmental Auditors, Certificate of Environmental Auditor No. 183.
Included in the "Register of Environmental Auditors Entitled to Carry Out Environmental Audit".
Associate member of the Geomatics Division of the NGO "World Data Center "Geoinformatics and Sustainable Development".

INTERNATIONAL ACTIVITIES:

Internships:

-

Cooperation with Foreign Universities:

-

Teaching/Lecturing Abroad:

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SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

1. Soils Under Stress. Editors Yuriy Dmytruk, David Dent/ Soil transformation on restored drill pads of oil-gas fields in Eastern Ukraine Olena Drozd, Dmytro Diadin, Oksana Naidonova and Tetyana Klochko // Springer International Publishing. 2021. 255 p. eBook ISBN 978-3-030-68394-8. DOI: <https://doi.org/10.1007/978-3-030-68394-8>.

2. Nosov, K.V., Besspalov, Y.G., Klochko, T.O., Vysotska, O.V. (2023). Modeling the Structure of an Aggregation of Toxic Cyanobacteria When Planning Their Elimination from the Air. In: Nechyporuk, M., Pavlikov, V., Kritskiy, D. (eds) Integrated Computer Technologies in Mechanical Engineering - 2022. ICTM 2022. Lecture Notes in Networks and Systems, vol 657, 313-322. Springer, Cham. https://doi.org/10.1007/978-3-031-36201-9_27.

3. Tetiana Klochko, Vasilisa Kalashnikova, Viktoriya Kruchyna, Konstantin Nosov, Yurii Besspalov. Artificial intelligence and Altshuler's invention algorithm for remote monitoring of ichthyofauna status // Lecture Notes in Networks and Systems This link is disabled., 2025, 1008 LNNS



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Books, Chapters in Collective Monographs:

Geomodels in the tasks of ecological and economic land assessments: monograph / Krasovskyi G.Ya., Trofymchuk O.M., Radchuk V.V., Butenko O.S., Klochko T.O. and others. // Edited by S.O. Dovhy. – Kyiv: LLC “Yuston Publishing House” – 2018. – 256 p. ISBN 978-617-7361-31-1

Links to Citation Database Profiles:

https://scholar.google.com/citations?user=9_sXKiEAAAA

ADDITIONAL INFORMATION:

Language Proficiency:

Ukrainian

IT Skills:

Microsoft Office / Microsoft Excel / Zoom / Microsoft Powerpoint / Skype /

Social and Community Activities:

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