

Curriculum Vitae

Name

Vitalina Fedoniuk

Family status

married

Date of Birth Place of Birth

05.07.1969

Dubno - Ukraine

Position

*PhD., associate professor
of Department of Ecology
v.fedoniuk@lutsk-ntu.com.ua*



DEGREES RECEIVED:

Degree

PhD

Institution

Taras Shevchenko
National University

Department

Meteorology and
climatology

Year

1996

Associate professor

Lutsk State Technical
University (Ukraine)

Ecology

2004

WORK EXPERIENCE:

Rank/Position

Expert

Dates

from 2020 to present

Department

-

Institution/Company name

National
Agency for
Quality
Assurance in
Higher
Education of
Ukraine

Assistant

Senior lecturer

Associate professor

1997-2003

Ecology

Lutsk
Biotechnical
Institute of
International
Scientific and
Technical
University
(Ukraine)

Associate professor

from 2003 to present

Ecology

Lutsk State
Technical
University
(Ukraine)

project activity

project participant

2020

Erasmus+JeanMonnet
Chair
«EUClimateLeadershi,
Winter Academy
"Environmental
security of the EU and
Ukraine in the context
of global climate
change"

Sumy National
Agrarian
University
(Ukraine)

INTERNSHIPS:

2021	participation in scientific-educational internship at the University of Life Sciences in Lublin (Poland)
2021	participation in training "Fundamentals of remote sensing of the Earth: history and practical application" at the Ministry of Education and Science and Junior Academy of Science (Ukraine)
2024	participation in scientific-educational internship at the Department of Botany and Methods of Teaching Natural Sciences at the Lesya Ukrainka Eastern European National University (Ukraine)
2016-2024	participation in training «The use of information technologies in the study of disciplines of the natural and mathematical profile» at the Department of Applied Mathematics and Informatics at the Lesya Ukrainka Eastern European National University (Ukraine)
2023	Online Certification Course «CARBON MANAGEMENT – FROM GENERATION TO TRADE» (German-Ukrainian Chamber of Industry and Commerce (AHK Ukraine)), April 24 - May 05, 2023, and has been awarded this certificate. The final test was passed on May 22, 2023. The overall workload of 41 hours encompassed: live-sessions (14 h) and self-study (27 h).

NUMBER OF WORKS PUBLISHED IN SCIENTIFIC JOURNALS AND CONFERENCE PROCEEDINGS:

<https://orcid.org/0000-0002-1880-6710>

SC 57189036338

Web of Science ResearcherID: AAA-4137-2019

total 370 publications including,

20 - publications are indexed in the scientific database Scopus and Web of Science, Scripts 2 – electronic textbook

PUBLICATIONS

1. M. Fedoniuk, I. Kovalchuk, B. Zhdaniuk, **V. Fedoniuk**, T. Pavlovska. Use of multispectral satellite imagery to monitor erosion on the Volyn Upland. Publisher: European Association of Geoscientists & Engineers. Source: Conference Proceedings. XIV International Scientific Conference “Monitoring of Geological Processes and Ecological Condition of the Environment”, Nov 2020, Volume 2020, p.1 – 5. DOI: <https://doi.org/10.3997/2214-4609.202056062>

2. A. Kovalchuk, M. Fedoniuk, I. Kovalchuk, B. Zhdanyuk and **V. Fedoniuk**. Retrospective monitoring of Municipal Solid Waste Landfill of Lutsk using remote sensing data. Conference Proceedings, International Conference of Young Professionals «GeoTerrace-2021», Oct 2021, Volume 2021, p.1 – 5. DOI: <https://doi.org/10.3997/2214-4609.20215K3016>

3. Lantseva K., Kovalchuk I., **Fedoniuk V.**, Andriichuk O., Vereshko O., Uzhehov S. Tools and criteria for regional environmental and geological monitoring of open-pit mines (Case of Volyn Polissya, NW Ukraine). Publisher: European Association of Geoscientists & Engineers. Source: Conference Proceedings, International Scientific Conference “Monitoring of Geological Processes and Ecological Condition of the Environment”, 15-18 Nov 2022, Volume 2022. DOI: <https://doi.org/10.3997/2214-4609.2022580260>

4. **Fedoniuk V.**, Luhinina Yu., Fedoniuk M., Ivantsiv V., Bondarchuk S. Temperature regime and ice cover dynamics in the coastal regions of the Antarctic Peninsula. International Conference of Young Professionals «GeoTerrace-2022». 3-5 Oct 2023, European Association of Geoscientists &

Engineers. Volume 2022, p. 1 – 5. DOI: <https://doi.org/10.3997/2214-4609.2022590054>

5. **Fedoniuk V.V.**, Husar O. N., Fedoniuk M.A. Study of the cloudiness dynamics in Lutsk in the context of climate change. Publisher: European Association of Geoscientists & Engineers. Source: Conference Proceedings, 16th International Scientific Conference “Monitoring of Geological Processes and Ecological Condition of the Environment”, 15-18 Nov 2022, Volume 2022.

DOI: <https://doi.org/10.3997/2214-4609.2022580125>

6. Semeniuk M., **Fedoniuk M.**, Vovk O., **Fedoniuk V.**, **Merlenko I.** Assessment land use dynamics in the border areas of Ukraine and Poland: a case study of Ratne Territorial Community and Lenchna County. *GeoTerrace-2023*. International Conference of Young Professionals. 2-4 Oct 2023, European Association of Geoscientists & Engineers. Volume 2023, p. 1 – 5. DOI: <https://doi.org/10.3997/2214-4609.2023510087>

7. Pavlovska T., Kovalchuk Iv., **Fedoniuk M.**, Kovalchuk Ir., **Fedoniuk V.**, Trends in the development of deformations of the Turiya riverbed (Volyn Polissia). *GeoTerrace-2023*. International Conference of Young Professionals, 2-4 Oct 2023, European Association of Geoscientists & Engineers. Volume 2023, p. 1 – 5. DOI: <https://doi.org/10.3997/2214-4609.2023510108>

8. Fedoniuk V., Zhadko O., Vovk O., Fedoniuk M., Ivantsiv V. Monitoring of Climate Changes and the State of Natural Complexes of the Cheremsky Nature Reserve. *Monitoring of Geological Processes and Ecological Condition of the Environment*. 17th International Scientific Conference. Publisher: *European Association of Geoscientists & Engineers*. Source: *Conference Proceedings*, 7-10 Nov. 2023, Volume 2023. P. 1 – 5. DOI: <https://doi.org/10.3997/2214-4609.2023520175>

9. Pankevych A., **Fedoniuk V.**, Vovk O., **Pankevych S.** Assessment and mapping of microclimatic features in complex architectural structures in Lutsk. *GeoTerrace-2024*. International Conference of Young Professionals. 7-8 Oct 2024, European Association of Geoscientists & Engineers. Volume 2024, p. 1 – 5. DOI: <https://doi.org/10.3997/2214-4609.2024510012>

10. Kovalchuk Ir., **Fedoniuk M.**, Kovalchuk Iv., **Fedoniuk V.**, Vovk O. Analysis of wildfire occurrence based on remote data in the Lutsk District (2012-2022). *GeoTerrace-2024*. International Conference of Young Professionals. 7-8 Oct 2024, European Association of Geoscientists & Engineers. Volume 2024, p. 1 – 5. DOI: <https://doi.org/10.3997/2214-4609.2024510078>

11. Fedoniuk Yu., **Fedoniuk M.**, Riznyk D., Fedoniuk A., **Fedoniuk V.** Customization of the Land Surface Temperature visualization in the Copernicus EO-Browser service. *GeoTerrace-2024*. International Conference of Young Professionals. 7-8 Oct 2024, European Association of Geoscientists & Engineers. Volume 2024, p. 1 – 5. DOI: <https://doi.org/10.3997/2214-4609.2024510007>

12. Fedoniuk M.A., **Fedoniuk V.V.**, Ivantsiv V.V. Possibilities for improvement of environmental monitoring of precipitation in the city (a case of Lutsk). *Вісник Харківського національного університету імені ВН Каразіна, серія «Геологія. Географія. Екологія»*. Харків: 2019. Вип. 50. С. 210-219. [Visnyk of V.N. Karazin Kharkiv National University, series «Geology. Geography. Ecology»]. DOI: <https://doi.org/10.26565/2410-7360-2019-50-16>

13. **Fedoniuk V.**, Khrystetska M., Fedoniuk M., Merlenko I., Bondarchuk S. Shallowing of the Svityaz Lake in the context of regional climate change. *Journal of Geology, Geography and Geoecology (Вісник Дніпровського університету. Геологія. Географія.Геоєкологія)*. Дніпро: 2020. № 4 (29). С. 673 – 684. DOI: <https://doi.org/10.15421/112060>

14. **Федонюк В. В.**, Федонюк М. А., Пушкар Н. С. Застосування ІКТ при розробці STEM-проектів у природничо-географічній позашкільній освіті. Інформаційні технології і засоби навчання, К. : 2021, № 85(5), 78–94. DOI: <https://doi.org/10.33407/itlt.v85i5.3955>

15. **Fedoniuk V.**, Fesyuk V., Fedoniuk M. Analysis of the dynamics and precipitation regime in the cross-border region Poland-Belarus- Ukraine (2010-2018). *Journal of Geology, Geography and Geoecology*, Dnipro : 2023, № 32(2), P. 241-253. DOI: <https://doi.org/https://doi.org/10.15421/112323>

TOPICS OF NEW RESEARCH PROJECTS:

Research of regional manifestations of climatic changes in Polissia and ways of adapting to them

Development of ways to solve environmental problems of the city of Lutsk

Development of methods for optimizing the structure of the nature reserve fund of the Volyn region

Development of methods of introducing information and communication technologies into the

educational environment in the process of training professional ecologists

RESEARCH EXPERTISE:

- A member of the program committee of the international conference "Energy security of the environment"
- Head of the climatology and meteorology section and Junior Academy of Science.
- Bioindication of the ecological state of atmospheric air in the city of Lutsk. Assessment of the recreational and climatic potential in the Volyn region. Analysis of the ecological state of nature conservation areas of the North-Western Polissia. Analysis of the dynamics of climatic indicators in the Volyn region in the context of climate change

TEACHING COURSES:

"Meteorology and climatology", "Protected business", "Protection and rational use of atmospheric air", "Adaptation to climate change: regional aspect", "Agrometeorology"

PERSONAL SKILLS AND COMPETENCES

Languages:

Ukrainian native language

French basic knowledges (B1 to B2)

DIGITAL SKILLS

Microsoft Office Microsoft Excel Microsoft Word

Microsoft Powerpoint Zoom

MS Office (MS Word, MS Excel, MS Outlook, MS PowerPoint, MS Access, MS OneNote, MS Visio, MS Teams)

RESEARCHER PROFILES

Google Scholar:

https://scholar.google.com.ua/citations?view_op=list_works&hl=uk&user=YNy_C6AAAAAJ

SCOPUS:

<https://www.scopus.com/authid/detail.uri?authorId=57189036338>

Web of Science:

<https://www.webofscience.com/wos/author/record/1870571>

ORCID:

<https://orcid.org/0000-0002-1880-6710>

Researchgate.net:

https://www.researchgate.net/profile/Vitalina_Fedoniuk