

CURRICULUM VITAE

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EDUCATIONAL BACKGROUND:

2012 - obtained the academic title of associate professor of the Department of Agrosphere Ecology and Environmental Control, the National University of Life and Environmental Sciences of Ukraine

2006 – obtained a PhD in agricultural sciences (soil science), National Agricultural University (since 2008 – the National University of Life and Environmental Sciences of Ukraine), Kyiv, Ukraine

2002-2005 – PhD student at the Department of Soil Science and Soil Protection, National Agricultural University, Kyiv, Ukraine

2001 – obtained an MSc degree in Soil Science and Agrochemistry, National Agricultural University, Kyiv, Ukraine

PROFESSIONAL EXPERIENCE:

Since 2010 – associate professor of the Department of Agrosphere Ecology and Environmental Control, the National University of Life and Environmental Sciences of Ukraine (*teacher and researcher in the field of ecological mapping, soil amelioration, soil degradation (salinization, desertification, waterlogging), land and water resources use and conservation, land and water resources management, hydrology, wetlands, climate change*)

Since 2021 – a head of laboratory “Environmental control” at the Department of Agrosphere Ecology and Environmental Control, the National University of Life and Environmental Sciences of Ukraine

2012 –Dean of Faculty of Ecology and Sustainable Development, the National University of Life and Environmental Sciences of Ukraine

2010-2011 - Deputy Dean of Faculty of Ecology and Sustainable Development, the National University of Life and Environmental Sciences of Ukraine

2007 -2008 – Deputy Dean of Faculty of Ecology and Biotechnology, the National University of Life and Environmental Sciences of Ukraine

2007-2010 - Senior Lecturer at the Department of Agrosphere Ecology and Environmental Control, the National University of Life and Environmental Sciences of Ukraine

2006-2007 – Assistant at the Department of Agrosphere Ecology and Environmental Control, the National University of Life and Environmental Sciences of Ukraine

2005-2006 – Researcher at the National Research Center "Institute of Agriculture of the National Academy of Agrarian Sciences of Ukraine" (Ukraine, Chabany village, Kyiv region)

MAIN PUBLICATIONS:

1. *Starodubtsev, V.M., Ladyka, M.M.* (2023). Impact of Bugun' Reservoir on Groundwater and Soil: A Case Study from South Kazakhstan. In: The Handbook of Environmental Chemistry. Springer, Berlin, Heidelberg. https://doi.org/10.1007/698_2023_1053
2. *Strokal V. P., Berezniak Ye. M., Naumovska O. I., L. V. Vagaliuk, M. M. Ladyka, G. A. Serbeniuk, S. P. Palamarchuk, S. D. Pavliuk* (2023). The Implications Of The Russian-Ukrainian War On The State Of Natural Resources In Ukraine: *the monograph* // Under the general editorship of V. P. Strokal. Kyiv: Publishing Center of NUBiP of Ukraine, 2023. 210 p. URL: <https://dglib.nubip.edu.ua/handle/123456789/10632>
3. *Ladyka, M., & Starodubtsev, V.* (2022). Water reservoirs and the war in Ukraine: environmental problems. *EUREKA: Life Sciences*, (6), 36-43. <https://doi.org/10.21303/2504-5695.2022.002664>
4. *Starodubtsev, V., Ladyka, M., Wu Ruofan, Palamarchuk S., Naumovska O.* (2022). Heroic Defense And Environmental Drama In The Irpin River Valley. *International scientific journal «Grail of Science»*. № 23 (December 2022). 172-182. <https://doi.org/10.36074/grail-of-science.23.12.2022.28>
5. *N. A. Makarenko, V. P. Strokal, Ye. M. Berezniak, V. I. Bondar, S. D. Pavliuk, L. V. Vagaliuk, O. I. Naumovska, M. M. Ladyka, A. V. Kovpak* (2022). The War Consequences On Natural Resources Of Ukraine: Analyses And Methodologies. *Scientific reports of NULES of Ukraine*, 4(98). 1-31. URL: <http://dx.doi.org/10.31548/dopovidi2022.04.003>
6. *Starodubtsev V. M., Ladyka M. M.* (2021). Land Area Increase In Ukrainian Part Of The Danube Delta. *Scientific reports of NUBIP of Ukraine*. № 6(94). URL: <http://journals.nubip.edu.ua/index.php/Dopovidi/article/view/15480>
7. *Starodubtsev V.M., Ladyka M.M., Bogdanets V.A., Naumovska O.I.* Dams And Environment: Landscapes Change In The Kaniv Reservoir On The Dnieper River, Ukraine. In Monograph: Intellectual Development Of Mankind In Modern Conditions: Psychology, Philology, Medicine, Biology And Ecology.: Book 19, Part 3. Chapter: 5. Publisher: Kuprienko S.V. 2021. 26 p. <https://doi.org/10.30888/2663-5569.2021-19-03-017>
8. *M. Ladyka, I Rubezhniak, A Doroshenko.* (2020). Study Of The Species Composition Of Micromycetes Of Drained Soils Of The Trubizh River Basin. *Biological Systems: Theory And Innovation*, 11(4): 57-65. <https://journals.nubip.edu.ua/index.php/Biologiya/article/view/14551>. <https://doi.org/10.31548/biologiya2020.04.005>
9. *I.S Yezlovetska, M.M. Ladyka, A.V. Doroshenko.* (2020). Modern Ecological Condition Of Surface Waters Of Trubizh River (Naukovì dopovìdi Nacional'nogo unìversitetu bìoresursiv ì prirodozoristuvannâ Ukraïni, DOI: <http://dx.doi.org/10.31548/dopovidi2020.06.001>

10. Vlasenko I., **Ladyka, M.** & Starodubtsev V. (2019). Soil Water Regime Spatial Heterogeneity Under Alfalfa Growing In The Forest-Steppe Zone Of Ukraine. *Journal of International Environmental Application and Science*, 15 (2), 116-121. Retrieved from <https://dergipark.org.tr/en/pub/jieas/issue/54918/742784>
11. **Ladyka M.** (2017). Assessment Of Environmental State Of Local Wetlands In The Tubizh River Basin. Available at: <https://www.sworld.com.ua/konferbel1/32.pdf>.
12. **Ladyka M.** (2018). Environmental Evaluation Of The Modern Condition Of Wetlands Of Irpin' River Floodplain: Approbation Of American Experience. *Biological Systems: Theory And Innovation*, 0(270), 224-23. Available at: <http://journals.nubip.edu.ua/index.php/Biologiya/article/view/9867>

Reports / Presentations at the congresses, symposiums, conferences

1. Water Reservoirs and the War in Ukraine: Environmental Consequences (*Volodymyr Starodubtsev, Maryna Ladyka*), SCERIN-10 Workshop “Recent terrestrial ecosystems LCLU changes and driving forces - challenges for RS and sustainable management”, 26th - 29th June 2023, Brno, Czech Republic. URL: <https://www.scerin.eu/scerin2023/SCERIN-10%20Agenda%206%2022%2023.pdf>
2. Starodubtsev V., **Ladyka M.** Destruction Of The Kakhovskaya Hydroelectric Power Plant: The Second Aspect Of The Ecological Catastrophe. XXV International Scientific and Practical Conference “THEORETICAL FOUNDATIONS OF SCIENTISTS AND MODERN OPINIONS REGARDING THE IMPLEMENTATION OF MODERN TRENDS”, San Francisco, USA June 27 – 30, 2023, p. 18-23. URL: <http://dx.doi.org/10.46299/ISG.2023.1.25>
3. Spatial And Temporal Distribution Of Kaniv Reservoir Hydromorphic Landscapes Formation (*O. Brovkina, F. Zemek, M. Píkl, CzechGlobe, CZE; M. Ladyka & V. Starodubtsev, NULESU, Kiev, UKR*). SCERIN-8 Workshop, 30 May - 01 June 2022. p. 8. URL: https://www.scerin.eu/scerin2022/SCERIN8_Proceedings_May_27.pdf
4. Starodubtsev Volodymyr, **Ladyka M.**, Vlasenko I. Large role of small relief elements in Precision Agriculture. *2nd Edition Global Conference On Agriculture And Horticulture "Agri 2022". Virtual Event.* September, 01-03. URL: <https://agri-conferences.com/uploads/past-events/2nd-edition-of-global-conference-on-agriculture-and-horticulture-2022-book.pdf>

ADDITIONAL INFORMATION:

Executor and leader of projects:

2023-2024 – The project “Land Cover Change in River Deltas of the Black Sea Basin”. It is an ongoing Research Bilateral Project NUBiP of Ukraine – Karadeniz Technical University (Turkey). This project focuses on flood-plain areas in the deltas of the Black Sea.

2021-2022 – The project «Spatio-Temporal Dynamics Of Hydromorphic Landscapes In Changing Climate And Impact On Local Ecosystems In The Kaniv Reservoir During Its Existence». It is Research Bilateral Project NUBiP of Ukraine – CzechGlobe - Global Change Research Institute (Czech Republic).

2013-2023 – Leader of the scientific innovative theme “To Investigate of Changes of Ecology-Ameliorative State of Drained Wetlands in Ukraine”

2014-2022 – Leader of the scientific innovative theme “Anthropogenic Changes Of Basins Of Small And Medium Rivers Of Forest Zone & Forest-Steppe Zone Of Ukraine”, the National University of Life and Environmental Sciences of Ukraine

Experience related with membership in international projects:

2023 - took part in the SCERIN-10 Workshop “Recent terrestrial ecosystems LCLU changes and driving forces - challenges for RS and sustainable management”, 26th - 29th June 2023, Brno, Czech Republic.

2012 – Tempus Multi-Country Joint Project “Environmental Curricula at Agricultural Universities” (ENAGRA) 159188-TEMPUS-1-2009-1-PL-TEMPUS-JPCR

2012 – Lanzhou Jiaotong University (China) (as a visiting professor).