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Nationality	Ukrainian
Address	40021, Herasya Kondratieva Str., 158/2 fl. 31, Sumy, Ukraine
Affiliation/ Organization	Sumy National Agricultural University
Education/ Qualifications	2007 – Master of Forestry, Ukrainian National Forestry University, Ukraine 2008 – Master of Economics Lviv Polytechnic National University, Ukraine 2018 – Master of Ecology, Sumy National Agricultural University, Ukraine
Degree awarded (PhD/Doctorate) and date of graduation	2013 – PhD in Agricultural Sciences, National University of Forestry, Ukraine
Academic title	Associate Professor of garden-parking and forestry department
Years of professional experience	16
Professional certifications	
Current position/affiliation of work	September 2023 – present – Doctoral studies in agricultural sciences, Ukrainian National Forestry University, Lviv, Ukraine. December 2022 – present – Associate Professor of the Department of Ecology and Botany, (part-time), Sumy National Agrarian University, Sumy, Ukraine https://agro.snau.edu.ua/kafedri/kafedra-ekologi%d1%97-ta-botaniki/sklad-kafedri/24337-2/ .
Employment Record/ Experience	September 2008 – July 2013 - Senior scientific assistant, forest plants and forest selection department, Ukrainian National Forestry University, Lviv, Ukraine. September 2013 – 2021 – Assistant professor of garden-parking and forestry department, Sumy National Agricultural University, Ukraine. January 2021 – September 2023 – Head of the Scientific Laboratory "Forestry of the North-East of Ukraine" (main place of work), Sumy National Agrarian University, Ukraine.
Post-doc work experience, including dates	
International experience	MATC – MASHAV Agricultural Training Center, Israel (from October 29, 2017 to November 17, 2017) Purpose: study of Israel's approach to sustainable development in arid regions. Zhejiang Agriculture and Forestry University, China (from April 23, 2018 to May 20, 2018). Purpose: Exchange of experience in training highly qualified specialists in the areas of training "Gardening and Parks" and "Forestry" with the involvement of modern technologies. Hochschule Weihenstephan-Triesdorf, Germany (November 2018) Purpose: acquaintance with processing of plant products on the example of plant pigments using spectrophotometric method. Belotserkov National Agrarian University, Ukraine (August 2019). Purpose: analysis of the waste management system and the search for ways to solve the problems of efficient waste management, taking into account foreign experience that exists in Ukraine was conducted. 12.09.2021 – 20.09.2021 at the Czech University of Natural Sciences in Prague (CZU). Short-term mobility in the framework of the project of the Czech Development Agency "Strengthening the scientific potential and cooperation of Ukrainian universities in the field of agricultural sciences"; 10.01.2023 – 17.02.2023: Research Internship at the Bern University of Applied Sciences (Bern, Switzerland). Aim: to get acquainted with the teaching methods at the University of Agricultural, Forestry and Food Sciences HAFL; to strengthen scientific cooperation with researchers at the Bern University of Applied Sciences and to establish future cooperation relations.
International projects	2024 Project “Socio-environmental importance of urban greenery from the point of view of the water cycle modified by global climate change - cooperation in

	<p>teaching and research between MENDELU and the National Agricultural University in Sumy". The aim of the project is to establish cooperation in education and research between the partner university in Sumy, Ukraine, and the Mendel University in Brno.</p> <p>2023-2024 The project "Restoring recreative potential of damaged forests for human well-being in V4 and post-war Ukraine" is implemented jointly with the Warsaw University of Life Sciences (Poland), Czech University of Life Sciences (Czech Republic) and Zvolenský Technical University (Slovakia) with the support of the International Visegrad Fund (IVF).</p> <p>2022. Participant of the project jointly implemented by the UN FAO and the Association of Rural, Settlement and United Communities of Ukraine: "New opportunities for women – the ecological and economic potential of forest strips, self-forested and other uncultivated (neglected) natural territories";</p> <p>2022. Participant of the project COST Action CA19123, "Protection, Resilience, Rehabilitation of damaged environment (PHOENIX)";</p> <p>2020–2021 "Biological and ecological features of Ginkgo biloba L. cultivation and development of prophylactic medicines and functional nutrition from extracted organic leaves of the investigated species for improving the health of people living in metropolitan areas". Joint project of the Czech University of Natural Sciences, Prague and SNAU, SSU, BTNAU, KhNAU and Dniprovsky DAEU under entitled "AgriSciences Platform for Strengthening Science in Higher Education Of Ukraine".</p> <p>2021 "Cultural and tourist route of Lishchynsky's heritage". Creating a favorable environment for green tourism on the territory of the estate Lishchinsky (villages Kiyanitsa). The project is supported by the project "Strengthening intersectoral cooperation for social cohesion (SC3)", co-financed by the European Union and the British Council in Ukraine.</p>
Scientific Research Topic	<p>Agroforestry. Forest-ecological peculiarities of growing plants under the conditions of the North-Eastern Forest-steppe of Ukraine. Development of effective methods of extraction, preservation and planting of seeds of coniferous and deciduous trees. Selected optimal methods of reproduction of ornamental plants. He has more than 45 scientific works</p>
Articles for journals indexed by Scopus and Web of Sciences (for last 5 years)	<p>Kovalenko I., Kyrilchuk K., Klymenko H., Yaroshchuk S., Yaroshchuk R., Kovalenko N., Skyba O. Influence of tree-crown density on dominant plant species of the herb-shrub stratum in the zone of mixed forests. <i>Biosystems Diversity</i>, 2023. 31 (3): 382-387. DOI: https://doi.org/10.15421/012345 (<i>Scopus</i>).</p> <p>Kovalenko, I. M., Klymenko, G. O., Melnik, T. I., Yaroshchuk, R. A., Zherdetska, S. V., Su, Y., & Lykholat, O. A. (2020). Morphogenesis and vitality of seedlings of <i>Ginkgo biloba</i> in outdoor conditions. <i>Regulatory Mechanisms in Biosystems</i>, 11(1), 22-28. https://doi.org/10.15421/022003. (<i>Web of Science</i>).</p> <p>Yaroshchuk, Roman; Lisoviy, Mikola; Guz, Mikola; Kovalenko, Ihor. (2019) FEATURES OF THE IN VITRO PROPAGATION OF <i>Pseudotsuga menziesii</i> (MIRB.) FRANCO. <i>AgroLife Scientific Journal</i> - Volume 8, Number 2, 182-190. https://www.phytomorphology.com/articles/features-of-the-in-vitro-propagation-of-pseudotsuga-menziesii-mirb-franco.pdf (<i>Web of Science</i>).</p> <p>Fotina, T. I., Fotina, H. A., Kovalenko, I. M., Yaroshchuk, R. A., Fotin, A. I., Nazarenko, S. M., Fotin, O. V. (2019). Study of Acute and Chronic Toxicity of <i>Ginkgo Biloba</i> Samples. <i>Ukrainian Journal of Ecology</i>, 9(4), 471-475. https://doi:10.15421/2019_777. (<i>Web of Science</i>).</p> <p>Kovalenko, I. M., Klymenko G. O., Yaroshchuk R. A., Fedorchuk M. I., & Lykholat, O. A. (2018). Optimization of <i>Ginkgo biloba</i> cultivation technology in open soil conditions. <i>Regulatory Mechanisms in Biosystems</i>, 9(4), 535-539. https://doi.org/10.15421/021880. (<i>Web of Science</i>).</p> <p>Kovalenko I., Klimenko A., Yaroshchuk R. (2017) Syntaxonomic adaptability of lower layer plants of the forest communities in the North-Eastern Ukraine. - <i>Ukrainian Journal of Ecology</i>, 7(3), 84–89, https://doi: 10.15421/2017_53. (<i>Web of Science</i>).</p>
References	<p>ResearcherID: W-6215-2018 Scopus Author ID: 58126467000 ORCID ID: https://orcid.org/0000-0003-2591-5592 Google Scholar: https://scholar.google.com.ua/citations?user=2F05-ZwAAAAJ&hl=uk</p>