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Associate Professor of Forestry (Silviculture) Department of the Institute of Forestry and Landscape-Park Management <https://nubip.edu.ua/structure/nni-lispg>.

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EDUCATION

- December 2016** *National University of Life and Environmental Sciences of Ukraine, Kyiv (Ukraine)*
Candidate of Science (Forest Inventory and Forest Mensuration)
Dissertation Title: Features of stem assortment structure and tree-size distribution of *Tilia cordata* L. stands in the forest-steppe of Ukraine
- December 2012** *National University of Life and Environmental Sciences of Ukraine, Kyiv (Ukraine)*
Master of Sci. (Forestry)
Information systems in forestry. Forest productivity modeling. Forest monitoring. GIS technology in forestry. Forestry planning. Forest management. Forest policy
- July 2012** *National University of Life and Environmental Sciences of Ukraine, Kyiv (Ukraine)*
Bachelor of Economics
Economic modelling. Organization of production. Marketing. Agricultural management. Foreign Language. Macroeconomics. Finances. Company strategy
- June 2011** *National University of Life and Environmental Sciences of Ukraine, Kyiv (Ukraine)*
Bachelor of Forestry and Park Gardening
Philosophy. Math. Biometrics. Forest mensuration. Forestry. Fire management. Mathematical modelling
- May 2009** *Kremenets Forestry College, Kremenets (Ukraine)*
Junior Specialist of Forestry
Forest management. Forest plantations. Forestry. Math. Biology. Ecology. Philosophy

WORK EXPERIENCE

- January 2018 – current** *National University of Life and Environmental Sciences of Ukraine, Kyiv (Ukraine)*
Associate Professor
Department of Silviculture. Teaching Forestry, Forest Pyrology, Fire management, Forest ecology, Non-timber forest resources, Recreational forestry, Silviculture
- September 2015 – Desember 2018** *National University of Life and Environmental Sciences of Ukraine, Kyiv (Ukraine)*
Assistant Professor
Department of Forest Mensuration and Forest Management. Teaching Forest Inventory, Forest mensuration, Forest Data Analysis

- November 2013 – current** *Regional Eastern European Fire Monitoring Center (REEFMC)*
Researcher. Employee of the REEFMC
Fire management
- June 2013 – June 2016** *National Ukrainian Forest Inventory Enterprise " Ukrderzhlisproekt ", Irpin city (Ukraine)*
Engineer
Forest inventory
- January – June 2013** *State Enterprise «Manevitske forestry», Manevichi city (Ukraine)*
Deputy Chief of Forest Ranger District
Forestry

PERSONAL SKILLS

Mother tongues: Ukrainian, Russian

Foreign language: English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

COMMON EUROPEAN FRAMEWORK OF REFERENCE FOR LANGUAGES

Communication skills: Good communication skills gained through my experience as teacher, lecturer, scientific adviser and research projects team member

Digital competence: MS Office, Internet, Statistics, Date Base, QGIS, Photoshop, Lightroom

Driving licence - B

PUBLICATIONS

- Soshenskyi O.**, Melnykovich M., Lobchenko G., Zibtsev S., Kalchuk Ye. Silvicultural approach required to increase forest resilience to climate change and wildfires in the Ukrainian Carpathians. Abstract for the 7th Forum Carpathicum conference (2023). Submitted.
- Rosset C., **Soshenskyi O.**, Melnykovich M. Enhancing Close-to-Nature Silviculture in Ukraine: The Utility of martelage.sylvotheque.ch in Fostering Post-War Forest Recovery. Abstract for the IUFRO World Congress 2024. 5833 Submitted.
- Soshenskyi O.**, Zibtsev S. Kalchuk Ye. Risks reduction of forest fires for settlements in Ukraine. International scientific and practical conference Food and environmental protection in the context of war and post-war reconstruction: challenges for Ukraine and the world. Section 2: Post-war restoration of plant resources and environmental protection of the country. May 25, 2023 Kyiv, Ukraine. P 480-481. ULR: https://nubip.edu.ua/sites/default/files/u381/sekcija_2.pdf.
- Zibtsev S.V., **Soshenskyi O.M.**, Goldammer J.G., Myroniuk V.V., Borsuk O.A., Humeniuk V.V., Meshkova V.L., Vasyluk O.V., Buksha I.F. Forest Management on Territories Contaminated with Unexploded Ordnance. Short report of the project WWF-Ukraine "Supporting responsible forestry for sustainable development in Central and Eastern Europe". WWF-Ukraine, 2023. 24 p. URL: <http://dx.doi.org/10.13140/RG.2.2.22495.12966>.
- Zibtsev S., **Soshenskyi O.**, Gumeniuk V., Bohomolov V. Integrated Landscape Fire Management Plan in the Luhansk Oblast: monograph / Kyiv: Editorial and Publishing Department of NULES of Ukraine, 2023. 257 c. [https://nubip.edu.ua/sites/default/files/u184/zibtsev et al. monograf 2023.pdf](https://nubip.edu.ua/sites/default/files/u184/zibtsev_et_al_monograf_2023.pdf) (in Ukrainian).
- Zibtsev S, **Soshenskyi O.**, Melnykovich M., Blaser J., Waeber P. O., Patrick O, Garcia C. Ukrainische Wälder im Fokus von Klimakrise Krieg und Brandkatastrophen. Schweizerische Zeitschrift für Forstwesen (2023) 174 (2): 115–117.

<https://doi.org/10.3188/szf.2023.0115>. ULR: <https://nubip.edu.ua/sites/default/files/u184/i2235-1469-174-2-115.pdf>.

- Soshenskyi O.**, Myroniuk V., Zibtsev S., Gumeniuk V., Lashchenko A. Evaluation of Field-Based Burn Indices for Assessing Forest Fire Severity in Luhansk Region, Ukraine. Ukrainian journal of forest and wood science, 2022. Vol. 13, No 1. Вип. 3. С. 21–34. URL: [https://doi.org/10.31548/forest.13\(1\).2022.48-57](https://doi.org/10.31548/forest.13(1).2022.48-57).
- Zibtsev S., Georg Goldammer J., **Soshenskyi O.**, Gumeniuk, V.: Transformation of Forests to Close-to-Nature Forest Management in Ukraine: Nature-based silvicultural and fire management methods for increasing the resilience of pine stands to drought and wildfire, EGU General Assembly 2022, Vienna, Austria, 23–27 May 2022, EGU22-13361, <https://doi.org/10.5194/egusphere-egu22-13361>.
- Zibtsev S.V., Savushchuk M.P., Maurer V.M., Balabukh V.O., Myroniuk V.V., Pinchuk A.P., Ivaniuk I.V., Lobchenko H.O., **Soshenskyi O.M.**, Gumeniuk V.V., Tarnopskyi P.B. Restoration of forests of Luhansk region on burned areas in the context of climate change: monograph. Kyiv: Editorial and Publishing Department of NULES of Ukraine, 2022. 154 c. ULR: https://nubip.edu.ua/sites/default/files/u184/vidnovlenya_lisiv_luhanshchyny_2022.pdf (in Ukrainian).
- Vasylyshyn R., Lakyda I., Melnyk O., Lakyda M., **Soshenskyi O.**, Pinchuk A. Oxygen productivity of urban forests of Kyiv city as a constituent of its sustainable development. 2nd International Conference on Environmental Sustainability in Natural Resources Management, ISCES 2022, Riga1, November 2022, Code 186111. <https://doi.org/10.1088/1755-1315/1126/1/012012>.
- Myroniuk V., Bilous A., ..., **Soshenskyi O.**, et al. Taper equations for eight major forest tree species in flat land Ukraine. Forestry: An International Journal of Forest Research. 2023. cpac052. <https://doi.org/10.1093/forestry/cpac052>.
- Myroniuk V., Zibtsev S., **Soshenskyi O.**, Gumeniuk V., Vasylyshyn R., Bidolakh D. Mapping fire severity over heterogeneous forested landscapes in the Eastern Ukraine to support postfire forest management. Proceedings of the XVI International Scientific Conference “Monitoring of Geological Processes and Ecological Condition of the Environment” 15–18 November 2022, Kyiv, Ukraine. <https://doi.org/10.3997/2214-4609.2022580096>.
- Vasylyshyn R., Lakyda I., **Soshenskyi O.**, Lakyda M., Melnyk O., Slusarchuk V. Environmentally balanced preconditions for use of logging residues in forests of Ukrainian Carpathians for energy production. IOP Conference Series: Earth and Environmental Science. 2022. Vol. 1042, Issue 1. <https://doi.org/10.1088/1755-1315/1042/1/012009>.
- Myroniuk V., Zibtsev S., Gumeniuk V., **Soshenskyi O.** Modeling of risks of occurrence and development of landscape fires in the FLAMMAP software environment. International Scientific and Practical Conference «Ecosystem Services of Forests and Urban Landscapes», Kyiv, November 18, 2021: abstracts. K., 2021. P. 84-85. URL: https://nubip.edu.ua/sites/default/files/u184/tezi_dopovidey_mizhnarodna_konferenciya_ekosistemni_poslugi_lisiv_ta_ubolandshaftiv_sayt.pdf.
- Soshenskyi O.**, Zibtsev S., Gumenyuk V. Modern challenges to the forest fire protection system in Ukraine. International Scientific and Practical Conference «Present and Future of Ecotone Forests of the Middle Latitudes», Kyiv, June 11, 2021: abstracts. K., 2021. P. 121-122. URL: https://nubip.edu.ua/sites/default/files/u184/tezi_dlya_saytu_teperishnie_ta_maybutnie_lisiv_ekotonu_serednih_shirot_1.pdf (in Ukrainian).
- Zibtsev S., **Soshenskyi O.**, Borsuk O., Myroniuk V., Kireiev S. Protection of natural landscapes of the Exclusion Zone from fires and promising ways to reduce risks. Chornobyl Scientific and Technical Journal. May, 2023. C. 50-61. URL: <http://zapovidnyk.org.ua/hub/hub-4-2023-05.pdf> (in Ukrainian).
- Soshenskyi O.**, Zibtsev S., Tierientiev A., Vorotynskyi O. Social and environmental consequences of catastrophic forest fires in Ukraine. Ukrainian Journal of Forest and Wood Science. 2021. 12(3). P. 21-34. <http://dx.doi.org/10.31548/forest2021.03.002>.
- Soshenskyi O.**, Zibtsev S., Terentyev A., Gumeniuk V., Vorotynsky O. Catastrophic forest fires in Ukraine in 2020. International scientific-practical conference, October 7-8, 2021, Zhytomyr "Modern problems of forestry and ecology: solutions", 2021. P.169-170. (in Ukrainian).
- Soshenskyi O.**, Zibtsev S., Gumeniuk V., Goldammer J. G., Vasylyshyn R., Blyshchuk V. The current landscape fire management in Ukraine and strategy for its improvement. Environmental & Socio-economic Studies. Vol. 9. No. 2. 2021. P. 39-51.

<https://doi.org/10.2478/environ-2021-0009>.

- Bilous A., Myroniuk V., Svyinchuk V., **Soshenskiy O.**, Lesnik O., Kovbasa Y. Semi-empirical estimation of timber taper using stem profile equations. Journal of forest science. 2021. https://www.agriculturejournals.cz/web/jfs.htm?type=article&id=209_2020-JFS.
- Gumeniuk V., Holiaka D., Koren V., **Soshenskiy O.**, Effects of ground fires on Scots pine forests of the Poliskyi Nature Reserve. Forestry ideas. 2021. Vol. 27. No 1 (61) 3-18 p.
- Myroniuk V., Zibtsev S., Bogomolov V., **Soshenskiy O.**, Gumeniuk V., Vasylyshyn R. A web-based platform LANDSCAPE FIRES: regional-level fire Management information system for Northern Ukraine. Proceedings of the XXth International Conference "Geoinformatics: Theoretical and Applied Aspects", 10-14 May 2021, Kyiv. P. 21113. URL: <https://eage.in.ua/wp-content/uploads/2021/05/21113.pdf>.
- Zibtsev S., Myroniuk V., Lakyda P., **Soshenskiy O.**, Gumeniuk V., Yavorovskiy P., Bogomolov V. Wildfires and Fire Management in the Chernobyl Exclusion Zone during 1986-2020. Monograph. CP "COMPRINT", Kyiv, 2020. P - 218.
- Zibtsev S., **Soshenskiy O.**, Myroniuk V., Gumeniuk V. Wildfire in Ukraine: an overview of fires and fire management system. Ukrainian Journal of Forest and Wood Science. 2020. 10(3):27-40. <https://doi.org/10.31548/forest2020.02.015>.
- Zibtsev S., **Soshenskiy O.**, Myroniuk V., Gumeniuk V. landscape Fires of the Ukrainian Part of the Trans-Border Ramsar Territory «Olmany-Perebrody» According to Remote Sensing Data. Forestry and forest melioration. Iss. 134. 2019. P 88–95. https://nubip.edu.ua/sites/default/files/u184/10_zibtsev.pdf.
- Goldammer J. G., Zibtsev S., Yavorovskiy P., **Soshenskiy O.**, Gumeniuk V. Ukrainian forests and climate change: naturebased solutions for increasing the resilience to drought and wildfire. International conference «Classification of forests as the basis of modern close-to-natural silviculture in Ukraine». Kyiv, 2019. P. 10-13. https://nubip.edu.ua/sites/default/files/u259/zbirnik_tez.pdf.
- Zibtsev S., Yavorovskiy P., Gryb V., Bilous A., Nestoryak Y., Gumeniuk V., **Soshenskiy O.** et al. Current problems of close to nature silviculture on a typological basis. International conference «Classification of forests as the basis of modern close-to-natural silviculture in Ukraine». Kyiv, 2019. P. 32-34. (in Ukrainian) https://nubip.edu.ua/sites/default/files/u259/zbirnik_tez.pdf.
- Zibtsev S. V., **Soshenskiy O. M.**, Humeniuk V. V., Koren V. A. Long term dynamic of forest fires in Ukraine. Ukrainian Journal of Forest and Wood Science. 2019. 10(3):27-40 (8) (PDF) Long term dynamic of forest fires in Ukraine. [file:///C:/Users/111/Downloads/13113-29360-1-SM%20\(8\).pdf](file:///C:/Users/111/Downloads/13113-29360-1-SM%20(8).pdf).
- Zibtsev S., Lasko R., Myroniuk V., Gumeniuk V., **Soshenskiy O.**, Yavorovskii P., Goldammer J. G. Concept for Integrated Fire Management on Terrain Contaminated by Radionuclides in the Chernobyl Exclusion Zone. 7ª Conferência Internacional sobre Incêndios Florestais – Resumos. Ano 9 – Número 1 – 2019. https://nubip.edu.ua/sites/default/files/u184/biobrasil_wildfire-completa_s.zibtsev.pdf.
- Gumeniuk V., Zibtsev S., **Soshenskiy O.** Post-fire Succession of Understory Vegetation in Scotch Pine Forests of Central Polissya of Ukraine. 7ª Conferência Internacional sobre Incêndios Florestais – Resumos. Ano 9 – Número 1 – 2019. https://nubip.edu.ua/sites/default/files/u184/biobrasil_wildfire-completa_v.gumeniuk.pdf.
- Zibtsev, S. V., Myroniuk, V. V., **Soshenskiy, O. M.**, Koren, M. S., & Koren, V. A. Wildfire regimes of natural landscapes of the Rivne region of Ukraine. Scientific Bulletin of UNFU, 29(6), 2019. 18–23. <https://doi.org/10.15421/40290603>.
- Sergiy Zibtsev at al. Joint international efforts and challenges for enhancing fire management capabilities in the Chernobyl Exclusion Zone, Ukraine. 2019. https://nubip.edu.ua/sites/default/files/u184/oxford_abstracts1.pdf.
- Usenia V., Zibtsev S.V., **Soshenskiy O.M.**, Koren V. A. Comparative Analysis of Legislation Regulating Fire Management in Belorussian and Ukrainian Sectors of the Chernobyl Exclusion Zone. Forestry and landscape gardening. Iss. 14. 2018. P 1-25. <http://journals.nubip.edu.ua/index.php/Lis/article/view/12641/11248>.
- Soshenskiy O.** Peculiarity of biometrics structure of linden tree stands according to the diameter. Ukraine: in Proceedings of the Conference "Actual problems of the forest sector and Landscape Architecture ". Kyiv. - April 14-15. 2016.
- Soshenskiy O.** Biometrics structure of linden tree stands according to the diameter. ISBN 5-7763-2435-1. Lviv. Ukraine. 2016. № 26.3. P. 164-171. http://nvunfu.esy.es/Archive/2016/26_3/29.pdf.
- Soshenskiy O.** Size-quality structure of linden tree trunks of immature and middle-aged stands. ISSN 2222-8616. Kyiv. Ukraine. 2015. № 229. P. 31-38.
- Soshenskiy O.** Peculiarity of forestry in lime stands. Ukraine: in Proceedings of the Conference "Current Affairs Life Sciences and

Environmental Sciences". Kyiv. October 28-31. 2015.

Soshenskiy O. Peculiarity of height-diameter ratio of tree trunks of linden tree stands. Ukraine: in Proceedings of the Conference "The challenges of the 21st century and mitigation in the forestry sector and environment". Kyiv. October 7-9. 2015.

Soshenskiy O., Girs O., Svyinchuk V. Analysis of linden tree stands produktivity of Ukraine. Scientific reports of the *National University of Life and Environmental Sciences of Ukraine*. Kyiv. - 2015. - № 52. http://nd.nubip.edu.ua/2015_3/index.html.

Soshenskiy O., Girs O. Height-diameter ratio of tree trunks of linden stands. ISSN 2222-8616. Kyiv. - 2015. № 219. P. 55-61.

Soshenskiy O. Development of standards for estimation of stock and size-quality structure of mature linden stands. ISBN 5-7763-2435-1. Lviv. Ukraine. 2015. № 25.9. P. 82-89. http://nvunfu.esy.es/Archive/2015/25_9/15.pdf.

ADDITIONAL INFORMATION

Activities

Apr. 26, 2023 Participating in the first seminar on Close to Nature Silviculture with Marteloscope - <https://nubip.edu.ua/en/node/126776>.

Jan.-Febr., 2023 Participating in the Mobility Program for Scientists and Researchers of Bern University of Applied Sciences - <https://nubip.edu.ua/en/node/125584>.

Oct. 25-30, 2021 Research stay in Germany on the Project "Transformation of Forests to Close-to-Nature Forest Management in Ukraine: Nature-based silvicultural and fire management methods for increasing the resilience of pine stands to drought and wildfire" (RESILPINE) <https://nubip.edu.ua/node/100679>.

Apr. 9, 2019 Training for forest firefighters in the State Enterprise "Ostersky Military Forestry" to use a controlled burning. Chernihiv region. Ukraine <https://nubip.edu.ua/en/node/60177>.

Feb. 21, 2019 Training for forest firefighters in the Rivne Natural Reserve. Sarny city, Rivne region, Ukraine <https://nubip.edu.ua/en/node/56835>.

Oct. 24, 2018 International conference "Ecological and social challenges for the forests and forest management and possible solutions to them". Kyiv, Ukraine <https://nubip.edu.ua/en/node/52269>.

Mar. 3, 2018 The 2nd National Round Table "Fires in the Natural and Cultural Landscapes of Ukraine: Developing a National Policy for the Wildfires Management" – announcement. Kyiv, Ukraine <https://nubip.edu.ua/en/node/57326>.

Feb. 20, 2018 Vth National Coordination Meeting on Prevention and Safe Suppression of Wildfires in the Chernobyl Exclusion Zone. Kyiv, Ukraine <https://nubip.edu.ua/en/node/43469>.

Oct. 26, 2017 National Round Table – fires in the natural and cultural landscapes of Ukraine: towards a holistic fire management approach in forests, agricultural lands and other ecosystems. Kyiv, Ukraine <https://nubip.edu.ua/en/node/38408>.

Aug. 7-21, 2017 International Seminar on Disaster management. USA, California <https://www.fs.usda.gov/inside-fs/delivering-mission/apply/international-seminar-disaster-management-shares-best-practices>.

Jun. 28, 2017 A Workshop Assessing Wildfire Risk and Exploring Mitigation Strategies for Chernobyl Affected Landscapes. Kyiv, Ukraine <https://nubip.edu.ua/en/node/34593>.

Apr. 13, 2017 III National Coordination Meeting, field/command staff training in the Chernobyl Exclusion Zone. Chernobyl city, Kyiv region, Ukraine <https://nubip.edu.ua/en/node/33689>.

During 2017 Local Expert on forest fire management in the project "Improving radiological and environmental awareness in territories affected by the Chernobyl accident in Belarus and Ukraine with a focus on wildfire management". https://nubip.edu.ua/sites/default/files/u184/terminologiya_04_sep_2017.pdf
<https://gfmc.online/wp-content/uploads/BEL-RUS-Chernobyl-Fire-Management-Guidelines-OSCE-GFMC-2017.pdf>.

Dec. 1-3, 2016 Second National Coordination Meeting on enhancing fire management capacity in the Chernobyl Exclusion Zone. Voevodino resort, Trans-Carpathian region, Ukraine <https://nubip.edu.ua/en/node/33690>

Sept. 26-30, 2016 Training on large fire incidents management and coordination for top/middle level commanders in the Chernobyl Exclusion Zone. Boyarka city, Kyiv oblast, Ukraine <https://nubip.edu.ua/en/node/33692>.

PROJECTS / GRANTS

- 2022** WWF-Ukraine “Forest Management on Territories Contaminated with Unexploded Ordnance” (2022). Report, full version (UKR): https://nubip.edu.ua/sites/default/files/u184/wwf_a4_6_0.pdf.
- June 2020 – May 2022** RESILPINE Project "Transformation of Forests to Close-to-Nature Forest Management in Ukraine: Nature-based silvicultural and fire management methods for increasing the resilience of pine stands to drought and wildfire".
- Nov. 2016 – Oct. 2020** CoE / GFMC UA risk reduction project, GEF-UNEP project “Conserving, Enhancing and Managing Carbon Stocks and Biodiversity in the Chernobyl Exclusion Zone”
https://nubip.edu.ua/sites/default/files/u184/report_chern_gef_baseline_inf_and_gap_analysis_fire_man_in_cherz.pdf.
- Sept. 2016 – Aug. 2018** US Forest Service. Improvement US-Ukraine cooperative technology development and research related to mitigating wildfire impacts in the Chernobyl Exclusion Zone.
https://nubip.edu.ua/sites/default/files/u184/usfs_ua_chernobyl_fire_report_fin_0.pdf.
- Aug., 2017** US Forest Service. International Seminar on Disaster Management – 2017.
- Dec., 2017** OSCE. Local Expert on forest fire management in the project “Improving radiological and environmental awareness in territories affected by the Chernobyl accident in Belarus and Ukraine with a focus on wildfire management”. https://nubip.edu.ua/sites/default/files/u184/terminologiya_04_sep_2017.pdf.
<https://gfmc.online/wp-content/uploads/BEL-RUS-Chernobyl-Fire-Management-Guidelines-OSCE-GFMC-2017.pdf>.