



Oleksandr Tatsenko

Nationality: Ukrainian **Date of birth:** 03/12/1971

Place of birth: village of Moskovske, Lypovo-Dolynsky district, Sumy region, Ukraine

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ABOUT ME

Senior Lecturer, Department of Transport Technologies

WORK EXPERIENCE

Senior Lecturer, Department of Transport Technologies

Sumy National Agrarian University [2023 – Current]

City: Sumy | Country: Ukraine

Teaching the subjects transport technologies in agricultural production; operational properties of vehicles; basics of technical operation of motor vehicles; ergonomics, occupational safety in the industry.

Senior Lecturer, Department of Equipment Operation

Sumy National Agrarian University [2008 – 2023]

City: Sumy | Country: Ukraine

Assistant Professor of the Department of Operation and Repair of Machines and Operation of Equipment

Sumy National Agrarian University [2001 – 2008]

City: Sumy | Country: Ukraine

Training Master of the Department of Operation of Machine and Tractor Park and Operation and Repair of Machines

Sumy National Agrarian University [1994 – 2001]

City: Sumy | Country: Ukraine

EDUCATION AND TRAINING

Specialist in Agricultural Mechanization

Sumy Agricultural Institute [1989 – 1994]

City: Sumy | Country: Ukraine

Master's Degree in Agricultural Mechanization

Sumy State Agrarian University [1995 – 1996]

City: Sumy | Country: Ukraine

Postgraduate studies in the specialty of machines and means of mechanization of agricultural production

Sumy National Agrarian University [2008 – 2012]

City: Sumy | Country: Ukraine

Master's Degree in Transport Technologies

Sumy National Agrarian University [2022 – 2023]

City: Sumy | Country: Ukraine

Internship

JSC "Sumyoblenergo" [15/03/2021 – 15/04/2021]

City: Sumy | Country: Ukraine

Internship

LLC "KRASNOKOLYADINSKE" [01/08/2022 – 01/09/2022]

City: Village of Krasnyi Kolyadyn, Chernihiv region | Country: Ukraine

Training within the framework of the project ERASMUS-JMO-2021-HEI-TCH-RSCH-101048055 - "AICE - From Academic Integrity to EU Values: Step by Step to a Common Europe"

[14/06/2022 – 16/06/2022]

Seminar within the framework of the project ERASMUS-JMO-2021-HEI-TCH-RSCH-101048055- "AICE - With Academic integrity to EU values: step by step to common Europe"

[23/05/2023]

Advanced training course for teachers of Sumy National Agrarian University

[20/02/2024 – 20/03/2024]

LANGUAGE SKILLS

Mother tongue(s): Ukrainian

Other language(s):

English

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

PROJECTS

"Information support of technologies and justification of technical means for mechanized technological processes in agro-industrial production"(0115U001338).

"Development of methods for improving transport systems and transportation technologies in the agro-industrial complex"(0121U111512).

Participation in the preparation of an international framework grant (Erasmus+ program, Horizon 2020 (Horizon Europe), Visegrad Fund).

PUBLICATIONS

Khazhevskiy, V., Pashechko, M., Tatsenko, O., Marchenko, M., and Nosko, P. (2021). The Synthesis of Dwell Mechanisms on the Basis of Straight-Line Linkages with Fivefold Interpolation Nodes. Advances in Science

and Technology Research Journal, 15(1), pp.18- 25. <https://doi.org/10.12913/22998624/128817> (Scopus and Web of Science Core Collection).

Pylypaka, S., Kresan, T., Volina, T., Hryshchenko, I., Pshenychna, L., & Tatsenko, O. (2021). Designing an outer toothed gear whose wheel teeth are outlined by the logarithmic spiral arcs. *Eastern-European Journal of Enterprise Technologies*, 6(7 (114)), 6–11. <https://doi.org/10.15587/1729-4061.2021.245121>

Kresan, T., Pylypaka, S., Volina, T., Rybenko, I., Tatsenko, O. (2023). Non-circular Wheels from Congruent Arcs. In: Tonkonogyi, V., Ivanov, V., Trojanowska, J., Oborskyi, G., Pavlenko, I. (eds) *Advanced Manufacturing Processes IV. InterPartner 2022. Lecture Notes in Mechanical Engineering*. Springer, Cham, pp. 44–53. https://doi.org/10.1007/978-3-031-16651-8_5

Solarov, O., Dovzhyk, M., Kalnahus, O., Rudenko, V., Tatsenko, O., Roubík, H. (2023): Stress Distribution and Soil Compaction Changes under the Agricultural Tyres. *Scientia Agriculturae Bohemica*, 54, 30-39. DOI: 10.7160/sab.2023.540104

Pylypaka, S., Volina, T., Hropost, V., Kozlova, O., & Tatsenko, O. (2024). Investigation of deformation of the spring tooth of agricultural implements from the action of the force applied to it. *Machinery & Energetics*, 15(1), 23-32.

Tatsenko O.V. Research and modeling of indicators in various types of soil cultivation for agricultural crops for the conditions of black soil soils of Ukraine. / O.V. Tatsenko, A.V. Martyniuk, V.S. Kurskoy // *Scientific journal "Environmental Engineering"*. – 2020. – No. 1(15). – P. 29-35. doi: [https://doi.org/10.37700/enm.2020.1\(15\).29-35](https://doi.org/10.37700/enm.2020.1(15).29-35)

Tatsenko O.V. Analytical study and justification of the performance indicators of the field cultivator "FLORIN" for production conditions. / O.V. Tatsenko, A.V. Martynyuk, V.S. Kurskoy // *Scientific journal "Environmental Engineering"*. – 2020. – No. 2(16). – P. 99-106. doi: [https://doi.org/10.37700/enm.2020.2\(16\).99-106](https://doi.org/10.37700/enm.2020.2(16).99-106).

Tatsenko O.V. Theoretical approaches to the study of soil compaction. / V.P. Oleksandrenko, V.S. Kurskoy, O.O. Solarov, O.V. Tatsenko // *Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes"*. – 2020. – No. 1(39) - P.43-48 doi: <https://doi.org/10.32845/msnau.2020.1.10>

Tatsenko, O. (2023). Analytical study of the operation of the Pöttinger Terrasem C6 sowing complex in the conditions of Sumy region. *Bulletin of the Lviv National University of Environmental Management. Agroengineering Research*, (26), 53–63.

Tatsenko O.V. The role of warehouse infrastructure in transport technologies for agricultural production. / M.O. Mikulina, O.O. Solarev, O.V. Tatsenko // *Scientific journal "Environmental Engineering"*. – 2020. – No. 4(18). – P. 29-34

Tatsenko O.V. Analysis and forecasting of passenger transportation indicators in road transport. / M.O. Mikulina, O.O. Solarev, O.V. Tatsenko // *Scientific journal "Environmental Engineering"*. – 2021. – No. 1(19). – P. 21-26.

Tatsenko O.V. Calculation of the capacity of the automobile flow at the traffic interchange. / O.O. Solarev, M.O. Mikulina, O.V. Tatsenko // *Bulletin of the National Technical University "KhPI". Series: New solutions in modern technology: collection of scientific works / National Technical University "Kharkiv. Polytechnic Institute"*. — Kharkov: NTU "KhPI", 2021. — No. 1(7). – P. 54-58.

Tatsenko O.V. The main factors influencing the construction of transport interchanges. / O.O. Solarev, M.O. Mikulina, O.V. Tatsenko // Scientific journal "Bulletin of Vinnytsia Polytechnic Institute". – 2021. – No. 1(154). - P. 102-107.

Tatsenko O.V. Using different approaches to solving logistics problems / Starikov A.I., Solarev O.O., Mikulina M.O., Tarel'nyk N.V., // Bulletin of Vinnytsia Polytechnic Institute. -2021. - No. 4. - P. 56-62 .

Solarov, O., Tatsenko, O., & Voloshko, T. (2022). CRITERIA FOR SELECTING VEHICLES FOR CARGO TRANSPORTATION. Municipal Economy of Cities, 6(173), 189–194.

Solarov, O. O., Gerasimenko, V. O., & Tatsenko, O. V. (2022). Methodology of load distribution on the axles of a cargo vehicle. Bulletin of Vinnytsia Polytechnic Institute, (6), 65–68.

Tatsenko O.V. Increasing the efficiency of using vehicles for agricultural production. / T.P. Voloshko, O.V. Tatsenko, O.O. Solarov // Bulletin of the Azov State Technical University: Technical Sciences. - 2022. - Issue 45. - P. 135-142.

Tatsenko O.V. Development of the transport support system for agricultural business entities. / O.V. Tatsenko, L.O. Boginska // Journal "Science and Technology Today". Series: Economy. Kyiv, 2024. Issue No. 4 (32). - P. 411-420.