

MEMORIU ȘTIINȚIFIC

Drd. ȘTEFANOV D. Nicolae-Ovidiu

Studii de doctorat

Perioada: 2021-2026

Conducător științific: Prof. Dr. Ec. Mat. Doina-Eufrosina CARP

Domeniu: Ingineria Transporturilor

Titlul tezei de doctorat: **"Cercetări privind diminuarea riscurilor în sistemele de transport multimodal de mărfuri"**

Activitate științifică:

A. Lista de lucrări științifice (articole în reviste sau volume)

1. Roșca E., Rusca F., Carlan V., Ștefanov O., Dinu O., Rusca A. (2025), „Assessing the influence of equipment reliability over the activity inside maritime container terminals through discrete-event simulation”, *Systems*, 13(3), 213, MDPI, WoS Q1, <https://doi.org/10.3390/systems13030213>;
2. Popa C., Ștefanov O., Goia I., Nistor F. (2025), „A hybrid fault tree-fuzzy logic model for risk analysis in multimodal freight transport”, *Systems*, 13(6), 429, MDPI, WoS Q2, <https://doi.org/10.3390/systems13060429>;
3. Popa C., Ștefanov O., Goia I., Atodiresei D. (2025), „Risk-based optimization of multimodal oil product operations through simulation and workflow modeling”, *Logistics*, 9(3), 79, MDPI, WoS Q2, <https://doi.org/10.3390/logistics9030079>;
4. Popa C., Ștefanov O., Goia I. (2025), „Multimodal livestock operations analysis using business process modeling: A case study of Romanian Black Sea ports”, *Economies*, 13(3), 69, MDPI, WoS Q2, <https://doi.org/10.3390/economies13030069>;
5. Popa C., Ștefanov O., Mickienė R. (2025), „Modelling solutions for cost optimization in multimodal transports considering the operational risk variables”, *Transport*, 40(3), 249–259, Vilnius Gediminas Technical University, WoS Q2, <https://doi.org/10.3846/transport.2025.25716>;
6. Ștefanov O., Rauca L. (2023), „Environmental risk assessment in the background of armed conflict in the Black Sea area: A case study for a container terminal in the Port of Constanța”, *TransNav – The International Journal on Marine Navigation and Safety of Sea Transportation*, 17(3), 545–551, WoS Q3, <https://doi.org/10.12716/1001.17.03.05>;
7. Popa C., Ștefanov O., Mickienė R. (articol acceptat spre publicare, 2026), „Case study of risk assessment in maritime operations applying the Fault Tree Analysis Method”, *Transport*, Vilnius Gediminas Technical University, WoS Q2 (manuscris acceptat la 11.02.2025, ID: STRA-2024-0043.R1);
8. Ștefanov O., Agape A.G., Stoenciu D., Berescu C., Bocanete P. (2022), „Study of the risk analysis associated with multimodal maritime transport”, *Technium*, 4(4), 32–36, BDI, ISSN 2668-778X, <https://doi.org/10.47577/technium.v4i4.6568>;
9. Ștefanov O., Agape A.G., Niță C.M., Bocanete P. (2021), „Multimodal transport — Risk and environment”, *Technium*, 3(11), 40–45, BDI, ISSN 2668-778X, <https://doi.org/10.47577/technium.v3i11.5832>.

B. Participări la conferințe/workshop-uri

1. Ștefanov O., Apetroaei G.M. (2021), „Considerations for risk mitigation in the international carriage of goods by sea”, *Proceedings of the International Scientific Conference SEA-CONF 2021*, pp. 384–391, Constanța: Academia Navală „Mircea cel Bătrân”, BDI, ISSN 2457-144X, <https://www.anmb.ro/ro/sea-conf/>.

Student-doctorand
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