

CV

Full Name	Baranov Igor Olegovich
contacts	066-914-33-28
scientific degree	Candidate of Technical Sciences
academic title	Associate Professor
position	Associate Professor Department of Motor Transport
direction of scientific research	Industrial transport. Transport technologies. Traffic safety in public transport. Introduction of energy-efficient, resource-saving technologies.
Google-scholar	https://scholar.google.com.ua/citations?user=swuJFoAAAAJ&hl=uk
ORCID	0000-0002-1551-0973
Web of Science Researcher ID	ABT-2076
SCOPUS AUTHOR ID	57195420991
education	2011-Bachelor's degree in Transport Technologies (railway transport), V. Dahl State University. 2012- Master's degree “Організація in Transportation Organization and Management (railway transport), qualification-research engineer. Диплом Master's degree with honors of the Academy of Sciences No. 43608688 from 2011 to 2012-laboratory assistant Department "Organization of Transportation and Management in Railway Transport". Since 2012, engineer of the department.
work experience	Since 2016-Senior lecturer of the Department "Logistics Management and Traffic safety in Transport". From 2019-2022 - associate professor of department "Logistics management and traffic safety in transport" From 2023 at present time - associate professor of the Department of Road Transport of the State Technical University "PDTU"
Main courses teaching	Humanitarian logistics and transport services in disaster conditions, Theory of organization and organizational behavior, Information analytics and diagnostics for the socio-technological system, Information technologies in design of motor transport systems and management of rolling stock.
Internship and advanced	Training 2015 - training under the e-Tutor Distance Learning Teacher Certification program-Tutorbased on an original course developed by Ankara University with the support of the Zurich University of Applied Sciences. Kyiv, University of Economics and Law "KROK". Certificate No. 108/15 2020-scientific and pedagogical internship at the European Social and Technical University, Warsaw, Poland, on the topic "organizational and legal bases of transport functioning in Ukraine and Poland" in the amount of 6 credits (180 hours). CERTIFICATE of ATTENDANCE No TR. TR/2020.10/007 2021 2021RC-awarded the academic title of Associate Professor of the Department of Logistics Management and Traffic Safety in Transport. Certificate of Associate Professor of AD No. 007978 dated June 29, 2021. 2022 pik - Certificate of attendance This is to certify that Igor Baranov attended on-line Master Classes provided under the ERASMUS+ project <i>Crisis and Risks Engineering for Transport Services</i> (CRENG) on 6-10 December 2021 and 14-17 February 2022, organized by Warsaw University of Technology, Faculty of Transport 17 February 2022, Warsaw, Poland; In total 60 hours (2 ECTS). 2022 pik – Certificate This is to certify that Ihor Baranov has successfully passed the full 180 hours of Scientific internship management and administration of transport company. AVA Carrier, LLC, Lincoln, USA on October 03/22-February 24/23.
cooperation with institutions, enterprises, organizations Participation in editorial boards and revision commissions of scientific journals	Member of the All-Ukrainian Public Organization "Ukrainian Logistics Association". LA Certificate No. 00115 dated October 25, 2017 -
proficiency in foreign languages	in 2020 received certificate No. 20082873772 dated 28.08.2020, confirming a fairly high level (B2) of proficiency in a foreign (English) language. Організація – European Socio-Technical University in Radom: license №341, 110/114 Krakowska avenue, 02-256 Warsaw.
Other activities	1. Organization of work of the student's circle " Studencheskaya laboratory for research of problems of transport technologies “and educational and scientific laboratory"transport technologies".

(SVR, clubs, bureaus, projects, participation in professional associations, etc.)

Main publications
(in accordance with clauses 1, 2,
3, 13 of License terms)

2. Round table " Current issues, current state, problems and prospects of development of the transport industry in the Donbass region" OOO NPP Zarya, Rubezhnoye.

1) publications-Scopus, WoS

1.1. Fomin, O., Baranov, I., Miroshnykova, M., Emelyanova, T., Ptashnyi, O. Development of a Mathematical Model of Continuous Assessment of the Technical Condition of the Railway Rolling Stock Units. Transport Means - Proceedings of the International Conference, 2023, 2023-October, P. 813–819. DOI:10.5755/e01.2351-7034.2023.P2 . ISSN 1822-296..

1.2. A.Rogovyi, N.Chernetska-Biletska, M.Miroshnykova, I.Baranov,Y. Polupan. Improvement of cleaning parameters of pipeline elements based on simulation of movement of solid magnetite particles in electrically conductive liquid. Eastern-European Journal of Enterprise Technologies, DOI: 10.15587/1729-4061.2023.274699 ISSN 1729-3774 1/5 (121) 2023, 38–46p.

1.3. N. Chernetskaya-Beletskaya, A. Rogovyi, I. Baranov, A. Krut, M. Miroshnikova, N. Bragin. Increasing the efficiency of highly concentrated coal-water fuel based on the simulation of non-Newtonian fluid flow. MATEC Web of Conferences. Volume 294, 01009, (2019). DOI : <https://doi.org/10.1051/mateconf/201929401009>

1.4. Study on the coal-water fuel pipeline transportation taking into account the granulometric composition parameters / N. Chernetskaya-Beletskaya, A. Rogovyi, A. Shvornikova, I. Baranov, M. Miroshnikova, N. Bragin // International Journal of Engineering & Technology. – 2018. – Vol. 7, Iss.4.3. P. 240-245. DOI : 10.14419/ijet.v7i4.3.19794

1.5. Chernetskaya-Beletskaya N. Improving industrial pipeline transport using research regularities of flow of mixtures in material pipeline / N. Chernetskaya-Beletskaya, O. Guschin, A. Shvornikova, I. Baranov, M. Miroshnikova // Eastern-European Journal of Enterprise Technologies. – 2017. - Vol. 4/7, Iss. 88. - P.38-44. DOI: 10.15587/1729-4061.2017.106790

2) publications-professional publications

2.1. Fomin A.V., Baranov I. A., Miroshnikova M. V. ensuring safe operation of railway rolling stock based on resource assessment and maintenance of basic parts " Scientific notes of V. I. pVeradsky TNU. Series: technical sciences", Volume 34 (73) No. 5, 2023, Publishing House "Helvetica", Odessa, 378-385 p

2.2. N.B. Chernetskaya-Beletskaya, I.O.A. Baranov, M.V. Miroshnikova. Improvement of the railway traffic safety management system. Bulletin of the Volodymyr Dahl East Ukrainian National University. Issue 4 (268), 2021, pp. 100-104.

2. 3. Chernetskaya-Beletskaya N. B., Baranov I. O., Miroshnikova M. V. Razrabotka sistem kontrolya otvetstvennykh parametrov dvizhenii pozhelov [Development of control systems for responsible parameters of train movement]. Bulletin of the Volodymyr Dahl East Ukrainian National University No. 5 (261) 2020, pp. 81-85.

2. 4. Baranov I. O., Pshikun V. V., Mishukov E. A. improving the efficiency of managing transportation processes on urban bus routes. Scientific notes of the V. I. Vernadsky Tauride National University/ / Видавничий Helvetica Publishing House. Series: Technical sciences. Volume 31 (70) No. 5. 2020. P. 189-194.

2. 5. Chernetskaya-Beletskaya N. B., Baranov I. o., Miroshnikova M. v., Kuzhel S.G. teoreticheskoe obosnovanie sovershenstvovaniya sistemy "mashinist-train-dispatcher" [Theoretical justification for improving the system "machinist-train-dispatcher"]. Scientific works of the Vinnytsia National Technical University, mechanical engineering and transport, No. 3 Вид-во VNTU Publishing House, Vinnytsia, 2020, pp. 1-9.

2. 6. Baranov I. O., Miroshnikova M. V. Research of performance indicators of the car repair complex and traffic safety. Collection of Scientific papers of the Ukrainian State University of Railway Transport, 2020, issue 192, pp. 32-44.

2.7. Chernetskaya-Beletskaya N. B., Baranov I. O. introduction of a unified coding system for railway rolling stock. Bulletin of the Volodymyr Dahl East Ukrainian National University, No. 2 (250), 2019.2.8

2.8. Baranov I. O. formation of an optimization model for selecting parameters of water-coal transport fuel for industrial hydraulic transport. Vestnik sna im. V. Dahl-No. 3 (244) -2018, - pp. 7-13.

2. 9. N. B. Chernetskaya-Beletskaya, A. S., Rogovoy, I. O. Baranov., M. V. Miroshnikova. водовугільного палива / Chernetskaya-Beletskaya N. B., Rogov A. S., Baranov I. O., Miroshnikova M. V. Matematicheskaya model' prostranstvennogo tridernogo techeniya vodokugolnogo topliva [Mathematical model of spatial three-dimensional flow of water-coal fuel]. - Severodonetsk: Publishing СхідноукрHouse of the East Ukrainian National University. ун-ту V. Dahl State University– № 1 (242) – 2018, – P. 159-164.

Patents:

2.10. Baranov I. O., Chernetskaya-Beletskaya N. B., Miroshnikova M. V. Cfiltration for cleaning системи кондиціонування the passenger car air conditioning system. Declarative patent for utility model No. 152494; publ. 15.02.2023, byul. No. 7. - 4S.
2. 11. Chernetskaya-Beletskaya N. B.; Gushchin O. V.; Baranov I. O.; Miroshnikova M. V.. Device for pneumatic transportation of bulk materials. Declarative patent for utility model No. 127326; опубл. 25.07.2018, published on 25.07.2018, byul. no. 14. - 4C.

3) textbooks, manuals or monographs**textbooks:**

3.1. N. B. Chernetskaya-Beletskaya, I. A. Baranov, M. V. Miroshnikova. Training manual. "Organization and planning of the railway rolling stock fleet VOLUME 2" / ISBN 978-617-11-0168-5, Publishing House of CHY the V. Dahl National Academy of Transport // Severodonetsk-2020, 274c.

3.2. N. B. Chernetskaya-Beletskaya, I. A. Baranov, M. V. Miroshnikova. Training manual. "Organization and planning of the railway rolling stock fleet VOLUME 1" / ISBN 978-617-11-0150-0, Publishing House of CHY the V. Dahl National Academy of Transport // Severodonetsk-2019, 192s.

3.3. N. B. Chernetskaya-Beletskaya, M. V. Miroshnikova, and I. A. Baranov. Textbook "General course of transport" / ISBN 978-617-11-0151-7, CHY V. Dahl Sleep Publishing House // Severodonetsk-2019, 132C.

13) manuals, lecture notes, and etc.

13.1. toinspect lectures on the course "Information technology in the design of transportation systems and the management of the rolling stock" for students majoring 275 "Transport technologies" of all forms of learning / UKL. I. O. Baranov, dayson: shei "PSTU", 2023. – 140 p.

13.2. Summary of lectures on discipline "scheduling in road transport" (for applicants studying 275 "Transport technologies (by types)" for all forms of training) (electronic edition) / Uklad.: I. O. Baranov, S. I. Forty-Severodonetsk: Izd-vo sleep them. V. Dal, 2023. – 148C.

13.3. methodical instructions for independent work on discipline "Transport-forwarding activity" (for applicants studying 275 "Transport technologies (by types)" for all forms of training) (electronic edition) / Uklad.: N. B. Chernetskaya-Beletskaya, I. A. Baranov-Severodonetsk: Izd-vo sleep them. V. Dal, 2022. – 46s.

13.4. Synopsis of lectures on discipline "techno-economic provision Trans - tailors processes for applicants, students in the specialty 275 "Transport technologies (by types)" for all forms of learning) (e - you-Danie) / Uklad.: I. O. Baranov-Severodonetsk: Izd-vo sleep them. V. Dal, 2021. – 148C.

13.5. Abstract of lectures on the discipline "methods of scientific дослідженьresearch" (for applicants, students in the specialty 275 "Transport technologies (types)" for all forms of training) (Electronic edition) / Uklad.: N. B. Chernetskaya-Beletskaya, I. A. Baranov-Severodonetsk: Izd-vo sleep them. V. Dal, 2021. - 117 p.

13. 6. methodical instructions for practical classes in the discipline "methods of scientific дослідженняresearch" " for applicants, students in the specialty 275 "Transport technologies (by types)" for all forms of training) (electronic edition) / Uklad.: N. B. Chernetskaya-Beletskaya, I. A. Baranov-Severodonetsk: Izd-vo sleep them. V. Dal, 2021. – 43S.

13.7. Summary of lectures on discipline "the Role of staff in providing safety standards and certification " for students studying in the direction of 273 "Railway transport", " interoperability and safety in railway transport", for all forms of learning / UKL. I. A. Baranov, N. B. Chernetskaya-Beletskaya, M. V. Miroshnikova – Severodonetsk, Ukraine: Publishing house of sleep.. V. Dahl, 2020, 42S.

13.8. methodical instructions for practical classes in the discipline "methodology and organization of scientific research" for students studying in the direction of 273 "railway transport", "interoperability and safety in railway transport", for all forms of learning / UKL. I. O. Baranov, N. B. Chernetskaya-Beletskaya – Severodonetsk, Ukraine: Publishing house of sleep.. V. Dahl, 2020, 15S.

13.9. methodical instructions for practical classes in "certification of enterprises according to the norms of safety" for students studying in the direction of 273 "railway transport", "interoperability and safety in railway transport", for all forms of learning / UKL. I. O. Baranov, N. B. Chernetskaya-Beletskaya – Severodonetsk, Ukraine: Publishing house of sleep.. V. Dahl, 2020, 33C.

13.10. Methodological guidelines for independent work on the discipline "certification of enterprises according to safety standards" for students studying in the direction 273 "railway transport", "interoperability and safety in railway transport", for all forms of training / Ukl. I. O. Baranov, N. B.

Chernetskaya-Beletskaya-Severodonetsk: Ed.V. Dahl Higher School of Economics, 2020,

13.11. guidelines for practical classes in the discipline "designing highways" (for students of all forms of education studying in the areas of training 070101 "Transport technologies (by type of transport)") / Way of life: I. O. Baranov. - Severodonetsk: V. Dahl Sleep Publishing House, 2019. - 50 p.

13.12. Synopsis of lectures on the discipline " design of automobile roads "(for students of the specialty "Organization of transportation and management in transport (by types of transport)" in the direction of training "Transport technologies"). - Severodonetsk: V. Dahl Sleep Publishing House, 2019-146 p.