



**Bobojonova
Zarnigor**

Shokirovna

Date of birth: 04/04/1990

Nationality: Uzbek

Gender: Female

CONTACT

Maxtumquli street 23, apt. 30,
Yashnobod district

100000 Tashkent, Uzbekistan

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ACADEMIC STATUS

PhD in Economics (2023)

Associate Professor (Docent),
2025

DSc doctoral student, Tashkent
State Transport University

EXPERTISE

- Transport economics and industrial economics
- Digital economy and international integration
- Economic analysis and data analysis
- Public-private partnership (PPP) in infrastructure
- University teaching and thesis supervision

WORK EXPERIENCE

2026-Present

Nordic International university

Tashkent, Uzbekistan

Associate professor in the Department of “Economics and business management 01/2025 – Present

Tashkent State Transport University

Tashkent, Uzbekistan

Doctoral (DSc) student, Department of Transport Economics

- Research on the methodology of improving singular and applied economics in railway transport (speciality 08.00.03 – Industrial Economics).
- Developed a PPP investment strategy and a multi-level digital transformation methodology for the railway sector, implemented at “O‘zbekiston temir yo‘llari” JSC.

2023 – Present

Tashkent University of Information Technologies named after Muhammad al-Khwarizmi

Tashkent, Uzbekistan

Acting Associate Professor, Department of Economics in the ICT Sphere

- Teaching Microeconomics, Macroeconomics, History of Economic Doctrines, Data Analysis in Economics, Digital Economy (in English), Economic Analysis, Economic Security, Taxation and Insurance (in Russian).
- Supervising bachelor graduation theses and research-pedagogical work of first-year students.

<https://tuit.uz>

2020 – 2023

Tashkent State Technical University

Tashkent, Uzbekistan

Doctoral (PhD) student

- Completed PhD research in economics; degree awarded by the Supreme Attestation Commission on 5 May 2023 (diploma 01 №009926).

2019

Tashkent State Technical University

Tashkent, Uzbekistan

Assistant lecturer

- Delivered practical classes in economics and management disciplines.

2013 – 2020

Koson Oil and Gas Exploration Expedition LLC; Kashkadarya Drilling Works JSC

Koson district, Kashkadarya region, Uzbekistan

Computer operator → data processing engineer → engineer-technologist → engineer-economist

- Processed production and economic data, prepared reports and cost calculations for exploration and drilling operations.
- Progressed from operator to engineer-economist, combining technical data handling with economic analysis.

2013 – 2017

Tashkent State University of Economics

Tashkent, Uzbekistan

Assistant lecturer, Faculty of Economics

- Taught practical classes in economic disciplines and supported students’ coursework.

<https://tsue.uz>

EDUCATION AND TRAINING

2023 – 2025

Academic title of Associate Professor (Docent)

Supreme Attestation Commission of the Republic of Uzbekistan

Speciality: Digital economy and international integration. Certificate 03 № 020527, 28 November 2025.

2020 – 2023

Doctor of Philosophy (PhD) in Economics

Tashkent State Technical University

Diploma 01 № 009926, 5 May 2023.

2011 – 2013

Master’s degree in Economics (social sphere)

Tashkent State University of Economics

Master’s thesis: synergetic development directions of the social sphere economy. Diploma M № 071482.

2007 – 2011

Bachelor’s degree in Management (by sectors), with honours

Tashkent State Technical University

LANGUAGE SKILLS**MOTHER TONGUE(S):** Uzbek**OTHER LANGUAGE(S):**

	Listening	Reading	Spoken production	Spoken interaction	Writing
English	B2	B2	B2	B2	B2
Russian	B2	B2	B2	B2	B2

English: national certificate of foreign language proficiency, level B2 (No. 24BBA1248025BZ, issued 20/06/2024, overall score 58).

COMMUNICATION AND INTERPERSONAL SKILLS

Good communication skills gained through more than ten years of university teaching, thesis supervision and cooperation with industrial partners:

- Clear presentation of complex economic material to students in Uzbek, Russian and English
- Teamwork within academic departments and research groups
- Negotiation and coordination with enterprise representatives during implementation of research results
- Responsibility, openness to feedback and continuous professional development

“Economist and university lecturer with practical experience in the oil and gas industry and academic experience in economic analysis, digital economy and transport economics. Combines quantitative research skills with teaching and supervision. Focused on applying research results in real enterprises and on developing sustainable, practice-oriented solutions.”

DIGITAL SKILLS

SELF-ASSESSMENT / Microsoft Office (Word, Excel, PowerPoint), Outlook, Google Workspace, statistical and econometric data analysis tools, learning management systems, Zoom / Microsoft Teams

RESEARCH

DSc dissertation: “Methodology for improving singular and applied economics in railway transport”, speciality 08.00.03 – Industrial Economics, Tashkent State Transport University (Scientific Council DSc.10/2025.27.12.I.01.09).

Scientific consultant: K.A. Muxitdinova, Doctor of Economics, Professor.

Main results: SES (singular-applied efficiency) assessment model; singular integration methodology of multi-level techno-economic transformation; PPP investment strategy (USD 1.1 billion attracted); singular transformation mechanism (2 pilot projects on the Angren–Pop line); TFT-based forecast to 2031. Implemented at “O‘zbekiston temir yo‘llari” JSC.

PUBLICATIONS

26 scientific works, including 1 monograph, 19 journal articles (7 in foreign journals, 1 indexed in Scopus Q2) and 6 conference papers.

Monograph

1. Bobojonova Z.Sh. Temir yo‘l transportida singulyar va amaliy iqtisodiyotni takomillashtirish metodologiyasi: Monografiya. – T.: «O‘zkitobsavdonashriyoti» MCHJ, 2026. – 252 b. DOI: 10.13140/RG.2.2.15355.68643

Journal articles

2. Kurbanova M., Rakhmatullayev A., Xasanova N., Bobojonova Z., Muradova A., Mamadalieva T. Digital transformation, human capital accumulation, and total factor productivity growth in SMEs: an empirical investigation // *Economic Annals-XXI*. – 2025. – Vol. 215(5-6). – P. 41-46. DOI: 10.21003/ea.V215-07 (Scopus, Q2)
3. Bobojonova Z.Sh. Forecasting and Simulation Scenarios Based on the TFT Model // *American Journal of Economics and Business Management*. – 2026. – Vol. 9(4). – P. 312-318. DOI: 10.31150/ajebm.v9i4.4781
4. Bobojonova Z.Sh. SES Model and its Practical Application // *Central Asian Journal of Innovations on Tourism Management and Finance*. – 2026. – Vol. 7(2). – P. 414-420
5. Bobojonova Z.Sh. Practical and Singular of the Economy: Scientific-Theoretical Differences and Components // *American Journal of Engineering, Mechanics and Architecture*. – 2025. – Vol. 3(5). – P. 123-125
6. Bobojonova Z.Sh. Investitsiyalar va iqtisodiy rivojlanish // *International Journal of Economy and Innovation*. – 2025. – Vol. 59. – P. 173-178
7. Bobojonova Z.Sh. Temir yo‘l transporti sohasida singulyar va amaliy iqtisodiyot asosida baholash usullari va konseptual jihatlar // *Miasto Przyszłości*. – 2025. – Vol. 67. – P. 109-113
8. Nematov O., Balasm Z., Bobojonova Z. The impact of artificial intelligence and big data systems in enhancing marine health to promote sustainable tourism // *International Journal of Aquatic Research and Environmental Studies*. – 2025. – P. 69-77
9. Bobojonova Z. Analysis of the practical economic situation of Uzbekistan Railways JSC and identification of options // *Kelajak texnologiyalari va sun’iy intellekt*. – 2026. – Vol. 1(3). – P. 36-40. DOI: 10.5281/zenodo.20654732

10. Bobojonova Z. Assessment of the socio-economic indicators of the railway transport enterprise in the context of the strategic development of the country's economy and analysis of its results // *Zamonaviy ta'lim va tilshunoslik rivoji*. – 2026. – Vol. 1(3). – P. 75-79. DOI: 10.5281/zenodo.20630685
11. Bobojonova Z. Temir yo'l transporti korxonalarida ijtimoiy-iqtisodiy ko'rsatkichlar tahlili // *Ilg'or iqtisodiyot va pedagogik texnologiyalar*. – 2026. – Vol. 3(3). – B. 459-467. DOI: 10.60078/3060-4842-2026-vol3-iss3-pp459-467
12. Bobojonova Z.Sh. "O'zbekiston temir yo'llari" AJning singulyar va amaliy iqtisodiyotning integratsion mexanizmi asosida samaradorligini oshirish yo'llari // *Muhandislik va iqtisodiyot*. – 2026. – № 6. – B. 141-148
13. Bobojonova Z.Sh. "O'zbekiston temir yo'llari" AJning singulyar va barqarorlik ko'rsatkichlari tahlili // "Yashil" iqtisodiyot va taraqqiyot. – 2026. – № 6, II qism. – B. 123-131
14. Bobojonova Z.Sh. "O'zbekiston temir yo'llari" AJning amaliy iqtisodiy holati tahlili va opsiyalarni aniqlash // *Innovation Science and Technology*. – 2026. – № 6. – B. 48-55
15. Bobojonova Z. Singulyar-amaliy samaradorlik modelining ilmiy-amaliy xususiyatlari va metodologik asoslanishi // *Innovations in Science and Technologies*. – 2025. – № 9. – B. 519-531
16. Bobojonova Z. Singulyarlik sharoitida iqtisodiy samaradorlikning elastik modeli: nazariya va amaliy yondashuvlar // *Innovations in Science and Technologies*. – 2025. – № 9. – B. 512-518
17. Bobojonova Z.Sh. Singulyar iqtisodiyotning Sanoat 4.0 va raqamli iqtisodiyot sintezi Markaziy Osiyo temir yo'l sanoati misolida // *Agrobiznes, fan va texnologiyalar*. – 2025. – № 3. – B. 403-415
18. Bobojonova Z.Sh. Temir yo'l sanoatini raqamlashtirishda singulyar va amaliy iqtisodiyotning tatbiq etilishining xususiyatlari // *Agrobiznes, fan va texnologiyalar*. – 2025. – № 3. – B. 424-432
19. Bobojonova Z.Sh. Singulyar iqtisodiyot barqaror strategik iqtisodiy tizim sifatida // *Strategik kuch*. – 2024. – № 4. – B. 27-31
20. Bobojonova Z.Sh. Raqamli texnologiyalar asosida mamlakatni rivojlantirish sharoitida singulyar iqtisodiyotning ahamiyati va iqtisodiy asosi // *Xorazm Ma'mun akademiyasi axborotnomasi*. – 2023. – № 12/5. – B. 39-42

Conference papers

21. Бобожднова З.Ш. Применение цифровых двойников и больших данных в управлении экономической эффективностью железнодорожной инфраструктуры // *Инновационные технологии и цифровизация транспортного комплекса: материалы Междунар. науч.-практ. конф.* – Санкт-Петербург: ПГУПС, 2025. – С. 211-216
22. Bobojonova Z. Implementation of a methodology for ensuring digital economic growth of railway enterprises // *International Conference on Modern Research and Scientific Innovation*. – 2026. – Vol. 1(6). – P. 36-40. DOI: 10.5281/zenodo.20652768
23. Bobojonova Z. Methodological aspects of singular and applied economics in increasing economic efficiency in railway transport enterprises // *International Multidisciplinary Science Conference*. – 2026. – Vol. 1(6). – P. 63-67. DOI: 10.5281/zenodo.20620817
24. Bobojonova Z. Singulyar-amaliy iqtisodiy samaradorlik (SES) modelining matematik tahlili // *Nazariy va amaliy fanlardagi ustuvor islohotlar va zamonaviy ta'limning innovatsion yo'nalishlari: Respublika konferensiyasi*. – 2025. – Vol. 2(12). – B. 38-43. DOI: 10.5281/zenodo.17913673
25. Bobojonova Z. Temir yo'l sanoatida singulyar va amaliy iqtisodiyotni qo'llashning ilmiy-nazariy asoslari // *Conference on "The Role and Importance of Science in the Modern World"*. – 2025. – Vol. 2(11). – P. 50-58. DOI: 10.5281/zenodo.17934502
26. Bobojonova Z.Sh. Amaliy va singulyar iqtisodiyotning ilmiy-nazariy tafovutlari va komponentlari // "Ilm-fan yangiliklari" ilmiy-amaliy masofaviy konferensiyasi. – Andijon, 2025. – Vol. 8(2). – B. 151-153