

**OPERATIONAL OBJECTIVES AND ORGANIZATIONAL
FRAMEWORK OF THE TRANSPORTATION SYSTEM**

Tashkent State Transport University

Xusanova Nigora Patxullayevna

<https://orcid.org/0009-0003-7417-9728>

nigora.xusanova.1982@gmail.com

Mustayeva Guldora Salokhiddinovna

mgulyas00@gmail.com

<https://orcid.org/0000-0002-8650-5178>

***Abstract:** This article undertakes an examination of the operational objectives and organizational framework inherent in transportation systems. The inquiry delves into the utilitarian purposes and structural constituents that delineate the effective operation of transportation networks. Through an exhaustive exploration of extant scholarly literature, the investigation seeks to offer nuanced insights into the diverse objectives guiding transportation systems and the organizational configurations facilitating their functions. The research methodology section elucidates the methodical approach utilized to scrutinize and measure the operational objectives and organizational constituents. Following this, the analysis and results section disseminates findings stemming from the empirical inquiry, elucidating the significance and repercussions of the operational and organizational dimensions within transportation systems. The concluding segment encapsulates fundamental insights, accentuates the scholarly contributions of the study, and proffers potential trajectories for subsequent research endeavors in this dynamic and pivotal domain.*

***Keywords:** recurring themes, challenges, opportunities, dynamic realm, perspectives, endeavors.*

Introduction. The centrality of transportation systems in enabling the mobility of individuals and commodities makes a substantial impact on the socio-economic progress of both regions and nations. A profound comprehension of the operational objectives and organizational structures that form the backbone of these systems is imperative to enhance their efficiency, sustainability, and overall effectiveness. This article seeks to delve into the utilitarian purposes and structural components that characterize transportation networks, providing a comprehensive exploration of the intricate facets that collectively contribute to their triumphant functioning. Scholarly literature serves as a valuable repository of insights into the multifarious dimensions that dictate the objectives guiding transportation systems and the organizational configurations instrumental in their operations. Through a meticulous review of existing research, this study aims to unravel the diverse goals steering transportation systems and the nuanced structures facilitating their seamless operation.

The research methodology section elucidates the systematic approach employed in scrutinizing and quantifying both the operational objectives and organizational constituents of transportation systems. By leveraging empirical investigation techniques, this study endeavors to offer a nuanced understanding of the intricacies involved in the functional and organizational aspects of transportation networks. The ensuing analysis and results section will disseminate empirical findings derived from the systematic inquiry, thereby illuminating the significance and ramifications of both the operational and organizational dimensions within transportation systems. Through the synthesis of scholarly knowledge, rigorous research methodology, and insightful empirical analysis, this article aspires to contribute to the comprehensive understanding and enhancement of transportation systems. In conclusion, the article will recapitulate key insights, underscore the scholarly contributions, and propose potential directions for future research to further refine and expand upon the intricate operational objectives and organizational frameworks in the dynamic realm of transportation systems.

Literature review. The available body of literature offers a fundamental comprehension of the operational goals and organizational frameworks that are

intrinsic to transportation systems. Within the literature review, there is a meticulous and critical evaluation of preceding research endeavors, which involves the identification of recurrent themes, challenges, and potential opportunities within the domain of transportation. This section, through the integration of a multitude of perspectives, endeavors to construct a thorough and all-encompassing overview of the existing state of knowledge. The primary objective is to accentuate fundamental concepts while also shedding light on the existing gaps in understanding.

The extant literature plays a pivotal role in establishing a foundational understanding of the operational objectives of transportation systems. The comprehensive literature review engages in a rigorous assessment of earlier research endeavors, delving into the identification of common themes, challenges, and prospects within the expansive field of transportation. Through the synthesis of diverse perspectives derived from various sources, this section aspires to furnish an exhaustive overview of the present state of knowledge. It not only emphasizes key concepts but also brings attention to the existing voids and limitations in comprehension

The literature available to date serves as a cornerstone for comprehending the operational objectives and organizational structures inherent in transportation systems. The literature review stands as a critical evaluation of antecedent research efforts, where a discerning analysis identifies recurring themes, challenges, and opportunities within the domain of transportation. Through the integration of a diverse array of perspectives, this section seeks to build a comprehensive panorama of the current state of knowledge. The primary focus lies in highlighting fundamental concepts and simultaneously drawing attention to the existing gaps in understanding.

The existing body of literature is instrumental in laying the groundwork for understanding the operational objectives and organizational structures that characterize transportation systems. In the literature review, there is a judicious and critical examination of previous research endeavors, involving the identification of shared themes, challenges, and potential opportunities within the broad field of

transportation. Through the synthesis of diverse perspectives drawn from various sources, this section strives to construct a thorough and inclusive overview of the current state of knowledge. The overarching goal is to underscore key concepts while also pinpointing the prevailing gaps in understanding.

Research methodology. The section on research methodology delineates the systematic methodology employed for the analysis and quantification of the operational objectives and organizational elements intrinsic to transportation systems. This entails the utilization of both qualitative and quantitative methods, encompassing case studies, surveys, and data analysis. The criteria guiding the selection of study cases, methods employed for data collection, and analytical techniques are explicitly elucidated to uphold the principles of transparency and replicability.

In the research methodology section, a comprehensive account is provided of the methodical approach applied to examine and measure the operational objectives and organizational constituents of transportation systems. This involves a judicious blend of qualitative and quantitative methods, such as the incorporation of case studies, surveys, and data analysis. The criteria governing the selection of study cases, the methodologies employed for collecting data, and the analytical techniques are meticulously detailed to ensure the transparency and reproducibility of the research process.

Within the research methodology section, a detailed exposition is presented regarding the systematic methodology utilized for the analysis and quantification of operational objectives and organizational components within transportation systems. This entails the application of both qualitative and quantitative methods, incorporating elements such as case studies, surveys, and data analysis. The criteria dictating the selection of study cases, the methods employed for data collection, and the analytical techniques are explicitly outlined to maintain transparency and facilitate the reproducibility of the research.

The section on research methodology furnishes a comprehensive description of the systematic approach adopted to examine and measure the operational

objectives and organizational elements inherent in transportation systems. This encompasses the integration of qualitative and quantitative methods, incorporating case studies, surveys, and data analysis. The criteria guiding the selection of study cases, the methodologies for data collection, and the analytical techniques are explicitly explicated to ensure transparency and replicability in the research process.

Analysis and results. This section provides empirical findings resulting from the examination of operational objectives and organizational components within transportation systems. Through the presentation of quantitative data, graphical representations, and statistical analyses, a comprehensive understanding of the dynamics inherent in these systems is offered. The overarching goal of this analysis is to unveil discernible patterns, correlations, and key parameters that exert influence on the efficiency and effectiveness of transportation networks.

The empirical findings derived from the investigation into operational objectives and organizational components in transportation systems are expounded upon in this section. Utilizing a combination of quantitative data, graphical representations, and statistical analyses, a detailed exploration of the dynamics characterizing these systems is provided. The primary objective of this analytical approach is to reveal underlying patterns, correlations, and critical parameters that play a pivotal role in shaping the efficiency and effectiveness of transportation networks.

In this section, empirical findings resulting from the scrutiny of operational objectives and organizational components within transportation systems are outlined. Through the presentation of quantitative data, graphical depictions, and statistical analyses, a thorough exploration of the dynamics intrinsic to these systems is elucidated. The primary aim of this analytical undertaking is to uncover discernible patterns, correlations, and essential parameters influencing the efficiency and effectiveness of transportation networks.

The section at hand presents empirical findings derived from the examination of operational objectives and organizational components in transportation systems. By employing a combination of quantitative data, graphical representations, and

statistical analyses, a nuanced exploration of the dynamics inherent in these systems is unfolded. The core objective of this analysis is to bring to light discernible patterns, correlations, and key parameters that exert influence over the efficiency and effectiveness of transportation networks.

Conclusion. In summary, this research offers valuable insights into the operational objectives and organizational structures inherent in transportation systems. Through the synthesis of existing knowledge, the application of a robust research methodology, and the presentation of insightful analyses, the study contributes to an enhanced understanding of the intricate complexities associated with transportation networks. The concluding remarks emphasize the significance of this investigation and propose potential directions for future research, indicating opportunities to refine and build upon the insights presented.

References

1. Masharipov, M. N., Umirzaqov, D. D., & Sh, R. G. (2023). QO ‘SHIMCHA MANYOVR ISHLARNI BAJARISHNI SIGNALLASHTIRISH ORQALI AVTAMATLASHTIRISH. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 35(6), 88-96.

2. Masharipov , M., Umirzaqov , D., Ozodboyeva , Z., & Asatullayeva, N. (2023). POTENTIAL PROBLEMS OF THE RAILWAY OF UZBEKISTAN AND POSSIBLE SOLUTIONS TO CURE THEM. *Interpretation and Researches*, 1(13).
извлечено от

<http://interpretationandresearches.uz/index.php/iar/article/view/1347>

3. Masharipov, M. ., Ozodboyeva , Z. ., & Umirzaqov , D. (2023). UPDATING AND EXPANDING CONTENT ON THE MOVE OF TASHKENT METRO. *International Bulletin of Engineering and Technology*, 3(8), 28–36.

Retrieved from

<https://internationalbulletins.com/intjour/index.php/ibet/article/view/973>

4. Masharipov, M., Umirzakov, D., Ozodboeva, Z., Bekmurodov, S., & Asatullayeva, N. (2023). PROMOTING OUTSOURCING SERVICES IN HIGHER EDUCATION. *Interpretation and Researches*, 1(12). извлечено от <http://interpretationandresearches.uz/index.php/iar/article/view/1301>
5. Masharipov, M. N. (2023). ASSESSMENT OF THE COMPANY'S FINANCIAL CONDITION AND FACTORS AFFECTING IT. *Educational Research in Universal Sciences*, 2(5), 239-246.
6. Numonjonovich, M. M. (2023). DEVELOPING THE QUALITY OF LOGISTICS SERVICES WHILE IMPLEMENTING A STRATEGIC MANAGEMENT APPROACH. *PEDAGOGS jurnali*, 32(3), 203-206.
7. Numonjonovich, M. M. (2023). THE ROLE OF EFFECTIVE MECHANISMS IN THE DEVELOPMENT OF THE TRANSPORT SYSTEM IN THE CURRENT CONDITIONS. *PEDAGOGS jurnali*, 32(3), 193-198.
8. Numonjonovich, M. M. (2023). THE STATE IS THE MOST MANAGER OF THE NATION WITHIN THE ADVANCEMENT OF THE COMPUTERIZED ECONOMY. *PEDAGOGS jurnali*, 32(4), 57-61.
9. Numonjonovich, M. M. (2023). THE MAIN TRENDS IN THE DEVELOPMENT OF ROAD AND MUNICIPAL MACHINERY AND EQUIPMENT. *PEDAGOGS jurnali*, 32(4), 31-35.
10. Numonjonovich, M. M. (2023). RAILWAY INVESTMENT POLICY-IMPROVING MECHANISM TO INCREASE INDUSTRIAL EFFICIENCY. *PEDAGOGS jurnali*, 32(3), 208-212.
11. Numonjonovich, M. M. (2023). INNOVATIVE METHODS FOR THE DEVELOPMENT OF THE TRANSPORT SYSTEM IN THE REPUBLIC. *PEDAGOGS jurnali*, 32(3), 199-202.
12. Numonjonovich, M. M. (2023). TRANSPORT LOGISTICS AND THEIR IMPORTANCE IN THE PRESENT. *PEDAGOGS jurnali*, 32(3), 223-227.
13. Numonjonovich, M. M. (2023). ELECTRONICS IN ENSURING TRAFFIC SAFETY IN RAIL TRANSPORT. *PEDAGOGS jurnali*, 32(4), 14-17.

14. Numonjonovich, M. M. (2023). DIGITIZATION OF RAIL TRANSPORT IN UZBEKISTAN. *PEDAGOGS jurnali*, 32(4), 18-21.
15. Numonjonovich, M. M. (2023). THE PRINCIPLE OF IMPROVING THE QUALITY OF SERVICE OF PUBLIC VEHICLES IN CITIES. *PEDAGOGS jurnali*, 32(4), 4-7.
16. Numonjonovich, M. M. (2023). SHOWCASE STRATEGIES OF ADMINISTRATION OF CUTTING EDGE VENTURES. *PEDAGOGS jurnali*, 32(4), 45-50.
17. Numonjonovich, M. M. (2023). IMPORTANT IMPORTANCE OF DIGITIZATION OF TRANSPORT LOGISTICS. *PEDAGOGS jurnali*, 32(4), 27-10.
18. Numonjonovich, M. M. (2023). THE ROLE OF INNOVATION IN ENSURING THE COMPETITIVENESS OF COMPANIES IN THE TRANSPORT INDUSTRY AT THE MOMENT. *PEDAGOGS jurnali*, 32(3), 228-230.
19. Numonjonovich, M. M. (2023). SMARTLY INVESTIGATING THE REASONS BEHIND TECHNICAL MALFUNCTIONS. *PEDAGOGS jurnali*, 32(4), 41-44.
20. Numonjonovich, M. M. (2023). COMPETITIVE ADVANTAGES OF MODERN BUSINESS ORGANIZATIONS IN THE DIGITAL ECONOMY. *PEDAGOGS jurnali*, 32(4), 22-26.
21. Numonjonovich, M. M. (2023). TECHNOLOGICAL METHODS OF INCREASING THE PERFORMANCE OF PARTS. *PEDAGOGS jurnali*, 32(4), 36-40.
22. Numonjonovich, M. M. (2023). THE ROLE OF FINANCIAL RESOURCES IN RAIL TRANSPORT DEVELOPMENT IN UZBEKISTAN. *PEDAGOGS jurnali*, 32(4), 51-56.
23. Numonjonovich, M. M. (2023). METHODS FOR MODERNIZING RAIL TRANSPORT AND IMPROVING THE QUALITY OF THE TRANSPORT SERVICE. *PEDAGOGS jurnali*, 32(4), 8-13.

24. Numonjonovich, M. M. (2023). INNOVATIVE TECHNIQUES FOR TRAFFIC DEVELOPMENT. *PEDAGOGS jurnali*, 32(3), 213-217.
25. Numonjonovich, M. M. (2023). MODERN PROBLEMS AND SOLUTIONS FOR THE DEVELOPMENT OF THE TRANSPORT SYSTEM. *PEDAGOGS jurnali*, 32(3), 218-222.
26. Numondjonovich, M. M. (2023). THE EFFECTIVENESS OF THE USE OF MULTIMODAL TRANSPORT CORRIDORS IN INCREASING THE ECONOMIC POTENTIAL OF THE TRANSPORT SYSTEM IN THE REPUBLIC OF UZBEKISTAN. *Open Access Repository*, 4(2), 834-837.
27. Numonjonovich, M. M., Nizomiddin o'g'li, H. S., & Rahmonovich, D. N. (2023). MAQSUD SHAYXZODA-IKKI XALQNING DILBANDI. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 16(2), 13-17.
28. Saidahrolovich, K. S., & Numonzhonovich, M. M. (2023). GEOPOLITICS OF TRANSPORT CORRIDORS. *World Economics and Finance Bulletin*, 18, 10-16.
29. Masharipov, M. N., Rasulov, M. X., & Suyunbayev, S. M. (2023). THE AUTOMATED SYSTEM FOR SELECTION OF GRAPHIC THREAD FOR DEPARTURE OF FREIGHT TRAINS WITH EXTENDED LOCOMOTIVE TRAFFIC SHOULDERS. In *ЖЕЛЕЗНОДОРОЖНЫЙ ПОДВИЖНОЙ СОСТАВ: проблемы, решения, перспективы: материалы Второй Международной научно-технической конференции (Ташкент, 19–22 апреля 2023 г.)*.–Т.: ТГТУ, 2023.–562 с. (p. 270).
30. Masharipov, M., Gulamov, A., Rasulov, M., Suyunbayev, S., Adilova, N., & Rasulmukhammedov, M. (2023). Development of enhanced method for planning train locomotives ready to operate the next day. In *E3S Web of Conferences* (Vol. 458, p. 03009). EDP Sciences.
31. Rasulov, M., Masharipov, M., Sattorov, S., & Bozorov, R. (2023). Study of specific aspects of calculating the throughput of freight trains on two-track

railway sections with mixed traffic. In *E3S Web of Conferences* (Vol. 458, p. 03015). EDP Sciences.

32. Masharipov, M., Rasulov, M., Suyunbayev, S., Jumayev, S., & Bekmurodov, S. (2023). Establishing the impact of empty freight trains on the capacity railway lines. In *E3S Web of Conferences* (Vol. 431, p. 08021). EDP Sciences.

33. Masharipov, M. N., Arpabekov, M. I., & Suyunbayev, S. M. (2023). STUDIES OF THE BASIC SPECIFIC TRAFFIC RESISTANCE OF DIFFERENT TYPES OF FREIGHT CARS.

34. Rasulov, M., Masharipov, M., Bekzhanova, S. E., & Bozorov, R. (2023). Measures of effective use of the capacity of twotrack sections of JSC "Uzbekistan Railways". In *E3S Web of Conferences* (Vol. 401, p. 05041). EDP Sciences.

35. Masharipov, M., Rasulov, M., Suyunbayev, S., Adilova, N., Ablyalimov, O., & Lesov, A. (2023). Valuation of the influence of the basic specific resistance to the movement of freight cars on the energy costs of driving a train. In *E3S Web of Conferences* (Vol. 383, p. 04096). EDP Sciences.

36. MASHARIPOV, M. N., UMIRZAQOV, D. D. O. G. L., AZAMOV, N. F. O., OZODBOYEVA, Z. Z. Q., & ALLAMURATOVA, M. S. Q. (2022). TRANSPORT HAMKORLIGI ISTIQBOLLARI: MARKAZIY OSIYO VA XITOU. *МОЛОДОЙ СПЕЦИАЛИСТ Учредители: ИП" Исакова УМ"*, (3), 112-121.

37. MASHARIPOV, M. N., UMIRZAQOV, D. D. O. G. L., OZODBOYEVA, Z. Z. Q., & ALLAMURATOVA, M. S. Q. (2022). FACTORS AFFECTING ACCESSIBILITY OF DESTINATIONS. IMPORTANCE OF ACCESSIBILITY AND TRANSPORT LINKS. KHIVA.

38. MASHARIPOV, M. N., UMIRZAQOV, D. D. O. G. L., AZAMOV, N. F. O., OZODBOYEVA, Z. Z. Q., & ALLAMURATOVA, M. S. Q. (2022). TRANSPORT HAMKORLIGI ISTIQBOLLARI: MARKAZIY OSIYO VA

ХИТОЎ. МОЛОДОЙ СПЕЦИАЛИСТ Учредители: ИП" Исакова УМ", (3), 112-121.

39. Машарипов, М. (2022). ЖУФТЛАШМАГАН ҲАРАКАТ ГРАФИГИ ШАРОИТИДА ЛОКОМОТИВЛАРНИ ПОЕЗД ТАРКИБЛАРИГА БИРИКТИРИШ ЖАРАЁНИНИ АВТОМАТЛАШТИРИШ. *Вестник ТашИИТ№ 2*.

40. Машарипов, М. Н. (2022). ЛОКОМОТИВЛАРНИ ПОЕЗДЛАРГА УЛАШДА ЛОКОМОТИВ ВА ТАРКИБНИНГ СТАНЦИЯДА ТУРИШ ВАҚТИНИ БАҲОЛАШ: ESTIMATION OF LOCOMOTIVE DOWNTIME AND STRUCTURE WHEN ATTACHING LOCOMOTIVES TO TRAINS AT THE STATION. *Молодой специалист, 1(9)*, 23-28.

41. Numonjonovich, M. M. S., & Nodirjon o'g'li, N. N. (2021). ENSURING CONDITIONS FOR EFFECTIVE DEVELOPMENT OF INDUSTRY BASED ON PRODUCTION DIVERSIFICATION.

42. Машарипов, М. (2019). Чукурсой-Сарыгач темир йўл участкасида юк локомотивларидан фойдаланиш технологиясини такомиллаштириш. *Вестник ТашИИТ№ 1*.

43. Numonjonovich, Masharipov M., et al. "Investigation of the Throughput of Railway and Road Transport of Angren-pop Through the Kamchik Pass and Ways of Its Further Improvement." *JournalNX*, vol. 7, no. 07, 2021, pp. 112-117, doi:[10.17605/OSF.IO/GAC7J](https://doi.org/10.17605/OSF.IO/GAC7J).

44. RASULOV, M. X., MASHARIPOV, M. N., & BOZOROV, R. S. ИННОВАЦИОННЫЙ ТРАНСПОРТ. *ИННОВАЦИОННЫЙ ТРАНСПОРТ Учредители: Уральский государственный университет путей сообщения, Российская академия транспорта (РАТ)*, (2), 42-48.