

## CURRICULUM VITAE



### **Prof. Dr. Khotamov Asadulla Toshtemirovich**

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<b>EDUCATION (Tahsil olganligi)</b>		
<b>Degree (daraja)</b>	<b>Institution (ta'lim yoki ilmiy muassasa)</b>	<b>Date (sana)</b>
DSc	Tashkent Architecture and Civil Engineering Institute, “ Zoning. town resident. planning of rural accommodation. landscape architecture. architecture of buildings and structures”, UZ <b>Thesis title:</b> <i>“Methodology for assessing wear of housing in urban planning and scientific foundations of the monitoring system”</i>	2021
PhD	Tashkent Architecture and Civil Engineering Institute. <b>Thesis title:</b> <i>“ Assessment of the operational reliability of reinforced concrete frame structures”</i>	2005
B.Sc.	Samarkand State Architecture and Civil Engineering Institute <b>Thesis title:</b> <i>“Improving the microclimate of residential development in the conditions of Uzbekistan”</i>	1988-1993

<b>ACADEMIC AND PROFESSIONAL EXPERIENCES (pedagogik va kasbiy faoliyat)</b>	
<b>4.</b> Professor, TUACE, Uzbekistan Department of Management, TUACE, Uzbekistan	2.01.2023-present
<b>3.</b> Associate Professor Department of Architecture, Management, TUACE, Uzbekistan	30.08.2006-31.12.2022
<b>2.</b> Senior Lecturer Tashkent State Aviation Institute	30.06.1998-30.08.2006
<b>1.</b> Graduate student Tashkent State Technical University	02.09.1995-30.06.1998

<b>ADMINISTRATIVE EXPERIENCES</b> (rahbarlik lavozimlari)	
- Dean of the Faculty of Engineering", TACEI; - Heads of the Department "Urban Construction and Economy", TACEI.	2023.05-08 yy 2023 05-09 yy. 2012 - 2023 yy.
<b>RESEARCH AREAS</b> (ilmiy izlanish sohalari)	
Technical maintenance of buildings; building inspections; assessment of physical deterioration and technical condition of buildings; construction supervision.	
<b>PUBLICATIONS</b> (chop ettirgan ilmiy, uslubiy ishlari)	
<b>A. Peer-Reviewed Journal Articles (monitored by Scopus) (Scopus bazasiga kiruvchi jurnallardagi maqolalari)</b>	
<p><b>A1.</b>Xotamov A.T. Information on the status of multi-apartment residential buildings in Uzbekistan. J. Scientific-practical Journal" problems of architecture and construction". Issue 4, razdel: Gradustroitelstvo. Samgasi, 2019.31-35B.(05.00.00; №14).</p> <p><b>A2.</b>Xotamov A.T., Toshtemirov Sh.A., Akhmedov S.M. The importance of vertical planning of the territory in the lifetime of buildings. J. "Architecture. Construction. Scientific-practical Journal "design". Special issue, razdel: Gradustroitelstvo. Taxi: 2019. - 178-182 s. (05.00.00; №4).</p> <p><b>A3.</b>Shakhidov A.F., Khotamov A.T. I dr. Vliyanie gruntovix VOD nor ustoychivost zemlyanogo polotna avtomobilnix dorog (neither Primere avtomobilnoy dorogi 4R173 "Kungirad-Muynak"). J. "Architecture. Construction. Scientific-practical Journal "design". Number 2, all, 2019. str.143-148.(05.00.00; №4).</p> <p><b>A4.</b>Xotamov A.T. The intensity of wear and tear of buildings, structures and materials. J. "Architecture. Construction. Scientific-practical Journal "design". Part of "building structures, buildings and structures", issue 4, taqi, 2019.176-184 b.(05.00.00; №4).</p> <p><b>A5.</b>Xotamov A.T. Forecasting physical wear in residential buildings by regression analysis method. J. "Architecture. Construction. Scientific-practical Journal "design". №5, part of "construction". FarPI: 2020. - 76-82 b. (05.00.00; №20).</p> <p><b>A6.</b>Khotamov A.T. Assessment of regional factors influencing residential quarters through the intensity of the aging of buildings. Ж. «TEST» Engineering &amp; Manajement, March-April 2020. ISSN: 0193-4120, Page No. 8756-8764.</p> <p><b>A7.</b>Khotamov A.T. He value of the intensity of wear to ensure the durability of multi-apartment housing in the renovation of residential areas. ICCATS 2020. IOP Publishing. IOP Conf. Series Materials Science and Engineering 962 (2020) 022052. Doi: 10.1088/1757-899X/962/2/022052.</p> <p><b>A8.</b>Khotamov A.T. Statistical analysis of forecasting physical wear and tear of multi-family residential buildings. Journals/Scienific Journals in Palaeontology and Egyptology/ Pal.Arch`s Journals of Archaeology of Egypt/ Egyptology – pjaee, 17(9) (2020). Page No.10003-10012.</p> <p><b>A9.</b>Xotamov A.T., Tolipova N.Z., Kadabaeva Sh.S., Buronov S.B. Development of a monitoring system for the operation of a multi-apartment housing fund. J. "Architecture. Construction. Scientific-practical Journal "design". 3-4-th number. Taxi, 2020. 323-329b. (05.00.00; №4).</p> <p><b>A10.</b>Xotamov A.T. In Uzbekistan, multi-apartment houses in case of an accident are the intensity of wear and tear of the foundation structures. J. "Architecture. Construction. Scientific-practical Journal "design". 3-4-th number. Taxi, 2020. 249-256 b. (05.00.00; №4).</p> <p><b>A11.</b>Khotamov A.T., Abdikhalilov F.A. Equipping highways (on the example of the Kungrad-Muynak highway). Academicia An InternationalMultidisciplinary Research Journal (Double Blind Refereed &amp; Peer Reviewed Journal). ISSN: 2249-7137 Vol. 11 Issue 1, January 2021. Impact Factor: SJIF 2021 = 7.492.</p> <p><b>A12.</b>Khotamov A.T., Baizakov A.A. Factors that lead the housing fund to early die. JournalNX - AMultidisciplinaryPeerReviewedJournal, CISEIMR-2020, ISSN: 2581-4230, Impact Factor: 2021 = 7.223. Page No. 507-515.</p> <p><b>A13.</b>Khotamov A.T., Influence of the intensity of physical wear and tear on the durability of multi-apartment residential buildings. Ann. For. Res. 65(1): 9839-9848, 2022 ISSN: 18448135, 20652445. ANNALS OF FOREST RESEARCH<a href="https://www.e-afr.org/">https://www.e-afr.org/</a></p>	

**A14.**Khotamov A.T., Ibragimov D.M., Mamatisakov D.A., Muminova D.B., The concepts of aging and physical deterioration of buildings and structures. World scientific research journal. Wolume-3. ISSUE-1. May. 2022. [www.wsrjournal.com](http://www.wsrjournal.com). 124-134 p.

**A15.**Khotamov A.T., Mutalova B.I., Abdullaeva K.D., Kadabaeva Sh.S., Uzakova U.R., Renovation of Residential Areas in a Dry-Hot Climate. International Journal of Early Childhood Special Education (INT-JECSE) DOI:10.48047/ INTJECSE/V15I2.24 ISSN: 1308-5581 Vol 15, Issue 02 2023.

**A16.**Khotamov A.T., Tolipova N.Z., Omonova D.Z., Improving the Management of the Housing and Utilities System. Journal of Architectural Design. VOLUME 1 5 FEBRUARY 2023 ISSN (E): 2 795 – 7608. OPEN ACCESS, PEERREVIEWED JOURNAL JOURNAL IMPACT FACTOR: 7 .985

**A17.**Khotamov A.T., Zhumabaev D.M., The main problems in the transport system of the city of Nukus and details on their elimination. "Architecture, construction and design" scientific and practical magazine.Vol.18, Issue 1, March 2023

**A18.**Khotamov A.T., Kadabaeva Sh.S. A new method for assessing the physical wear of apartment buildings with defects included. E3S Web of Conferences 371, 03016 (2023) <https://doi.org/10.1051/e3sconf/202337103016> AFE-2022 (Scopus).

**A19.**Khotamov A.T., Abdikhalilov F. A., Buranov S.B. Modeling the dependence of the noise level on the speed of vehicles. <http://creativecommons.org/licenses/by/4.0/> (Scopus).

**A20.**Khotamov A.T., Jumabaev D. M., Abdikhalilov F. A., The main problems of the transport system of the city of nukus and recommendations for their elimination. <http://creativecommons.org/licenses/by/4.0/> (Scopus)

### **B. Peer-Reviewed Conference Articles (monitored by Scopus)**

(Scopus bazasiga kiruvchi chuqur tahrirlangan konferensiya tezislari)

**B3.** Khotamov A.T., Abdikhalilov F.A. Equipping highways (on the example of the kungrad-muynak highway). ACADEMICIA An International Multidisciplinary Research Journal (Double Blind Refereed & Peer Reviewed Journal). ISSN: 2249-7137 Vol. 11 Issue 1, January 2021. Impact Factor: SJIF 2021 = 7.492.

**B2.** Khotamov A.T., Байзаков А.А. (СамГАСИ) "Factors that lead the housing fund to early die". Journal NX - A Multidisciplinary Peer Reviewed Journal, CISEIMR-2020, ISSN: 2581-4230, Impact Factor: 2021 = 7.223. Page No. 507-515.

**B1.** Xotamov A.T., Буронов С.Б., Ахмедов Ш. Analysis of the technical condition of the 4r-173 kungrad-moynak highway. European Journal of Research Development and Sustainability (EJRDS). Vol. 2№.3, March 2021. ISSN: 2660-5570. 69-73 P. Impact Factor: SJIF 2021 = 7.455.

**B1.**

### **C. Peer-Reviewed Other International Journal Articles**

(Chuqur tahrirlanadigan boshqa xalqaro jurnallardagi maqolalari)

### **A- Peer-Reviewed National Journal Articles**

**C31.** Xotamov A.T., Исмаилов А. The role of engineering networks in the economic evaluation of structures J. « Economics and Accounting », №7 T. 1998, c 48-49.

**C30.** Khotamov A.T., Toychiyev N.D., Plaxtiy.K.A., Scientific basis of technical and economic evaluation of buildings and structures. J. «News Universities». Series «Technical science» №3, T. 2000. c.177-182.

**C29.** Khotamov A.T., Toychiyev N.D. On the assessment of the technical condition of buildings and structures. J. « News Universities». Series « Technical science» №1. T. 2001. c.10-14.

**C28.** Khotamov A.T., Toychiyev N.D. The issue of operational reliability of building construction in the process of economic assessment of real estate. J. « News Universities». Series « Technical science» №1. T. 2001. c.39-41.

**C27.** Khotamov A.T., Abduvahobov. SH. A. Methods of valuation of buildings and structures. J. « News Universities». Series « Technical science» №2-4. T. 2001. c.71-73.

- C26.** Khotamov A.T., Toychiyev N.D., Usmanov. A.S. On the importance of the technical condition of buildings in the economic evaluation of real estate. J. Professional appraisers «Evaluation questions». Russian Society of Appraisers. №4. Moscow. 2002. c 16-21.
- C25.** Khotamov A.T., Toychiyev N.D. On accounting for economic damage in assessing the reliability of building structures. J. «News Universities». Series №2-3. T. 2002. c.96-97.
- C24.** Khotamov A.T. Evaluation of the reliability of complex systems, taking into account damage. J.«News Universities». Series №1. 2004.
- C23.** Khotamov A.T. On methods for determining physical wear and tear in the economic valuation of real estate. J. "Architecture. construction. Design". Section: "Economics and management of construction". №3-4. TACEI. 2007. c.83-86.
- C22.** Khotamov A.T. The importance of determining the degree of damage to structures in the economic evaluation of buildings and structures. J. "Architecture. construction. Design". №3. TACEI. 2011.
- C21.** Khotamov A.T. Issues of assessing the accumulated wear and tear of buildings and structures in valuation activities. J."Architecture. construction. Design". Section: Economics and construction management. №4. TACEI. 2013.
- C20.** Khotamov A.T. Toshtemirov SH. Issues of assessment of damage to the structure of buildings caused by a natural disaster. J."Architecture. construction. Design". Section: Economics and construction management. №4. TACEI. 2014.
- C19.** Khotamov A.T., Yodgorov V.U., Talipova N. Z. Ways to improve the management of housing in Uzbekistan. J."Architecture. construction. Design". Section: Economics and construction management. №4. TACEI. 2015.
- C18.** Khotamov A.T. The role of defects and injuries in ensuring the operational reliability of building structures. J."Architecture. construction. Design". Section: Economics and construction management. №4. TACEI. 2017.
- C17.** Khotamov A.T. Current issues in the field of urban planning and economics. scientific-practical journal. J."Architecture. construction. Design". Special issue, dedicated to the 26th anniversary of TACEI, 2017.
- C16.** Khotamov A.T., SHakhriddinov O.A., Matkazyeva R. Z. The role of underground urbanism in increasing the useful area in large cities. . J."Architecture. construction. Design" scientific-practical journal. Number 2, section: Urban planning. TACEI, 2017.
- C15.** Khotamov A.T., Abdullayev J.SH. Integration of noise protection screens with solar panels. J."Architecture. construction. Design" scientific-practical journal. Number 2, section: Urban planning. TACEI, 2017.
- C14.** Khotamov A.T., Ahmedov S.M., Khamidova Z. M. Urban planning proposals to increase the capacity of street networks. J."Architecture and construction of Uzbekistan", scientific-practical journal. 01-02, Ministry of construction 2018 y. Page 41-12.
- C13.** Khotamov A.T., Talipova N.Z., Temishev M.U. About the density of the road network in Tashkent. J."Architecture. construction. Design" scientific-practical journal. Number 1-2. section: Urban planning. TACEI, 2018.
- C12.** Khotamov A.T., Talipova N.Z., Akhmedov S.M., Comprehensive analysis of the reconstruction of residential buildings, taking into account the depreciation of fixed assets of the urban economy. J."Architecture. construction. Design" scientific-practical journal. Number 3-4. section: Urban planning. TACEI, 2018.
- C11.** Khotamov A.T., Abdikhalilov F.A Analysis of traffic flow and noise levels on the streets of Tashkent. J."Architecture. construction. Design" scientific-practical journal. Number 3-4. section: Urban planning. TACEI, 2018.
- C10.** Khotamov A.T., Toshtemirov Sh.O., Akhmedov S.M. the importance of vertical area planning in the life of buildings. J."Architecture. construction. Design" scientific-practical journal. Special issue. section: Urban planning. TACEI, 2019.

- C9.** Xotamov A.T. The intensity of wear and tear of buildings, structures and materials. J. "Architecture. Construction. Scientific-practical Journal "design". Part of "building structures, buildings and structures", issue 4, taqi, 2019.176-184 b.(05.00.00; №4).
- C8.** Shakhidov A.F., Khotamov A.T. I dr. Vliyanie gruntovix VOD nor ustoychivost zemlyanogo polotna avtomobilnix dorog (neither Primere avtomobilnoy dorogi 4R173 "Kungirad-Muynak"). J. "Architecture. Construction. Scientific-practical Journal "design". Number 2, all, 2019. str.143-148.(05.00.00; №4).
- C7.** Xotamov A.T., Toshtemirov Sh.A., Akhmedov S.M. The importance of vertical planning of the territory in the lifetime of buildings. J. "Archite. Construction. Scientific-practical Journal "design". Special issue, razdel: Gradustroitelstvo. Taxi: 2019. - 178-182 s. (05.00.00; №4).cture
- C5.** Xotamov A.T. Information on the status of multi-apartment residential buildings in Uzbekistan. J. Scientific-practical Journal" problems of architecture and construction". Issue 4, razdel: Gradustroitelstvo. Samgasi, 2019.31-35B.(05.00.00; №14).
- C5.** Khotamov A.T., Shakhidov A.F., Usmonov Q.T., Abdukhalilov F.A., Toshtemirova D.A. Influence of groundwater on the stability of the ground path of roads (by the example of the 4p173 "kungirad-muynak" road). J."Architecture. construction. Design" scientific-practical journal. 151-157 pages. TACEI, 2020.
- C4.** Khotamov A.T., Influence of groundwater on the stability of the ground path of roads (by the example of the 4p173 "kungirad-muynak" road). J."Architecture. construction. Design" scientific-practical journal. Number 5. section: Urban planning. FarPI, 2020y, 76-82 pages.
- C3.** Xotamov A.T. In Uzbekistan, multi-apartment houses in case of an accident are the intensity of wear and tear of the foundation structures. J. "Architecture. Construction. Scientific-practical Journal "design". 3-4-th number. Taxi, 2020. 249-256 b. (05.00.00; №4).
- C2.** Xotamov A.T., Tolipova N.Z., Kadabaeva Sh.S., Buronov S.B. Development of a monitoring system for the operation of a multi-apartment housing fund. J. "Architecture. Construction. Scientific-practical Journal "design". 3-4-th number. Taxi, 2020. 323-329b. (05.00.00; №4).
- C1.** Xotamov A.T. Forecasting physical wear in residential buildings by regression analysis method. J. "Architecture. Construction. Scientific-practical Journal "design". №5, part of "construction". FarPI: 2020. - 76-82 b. (05.00.00; №20).

#### **D-International Conference Proceedings**

- D23.** Khotamov A.T. Some problems in the municipal economy. International Conference. "Modern Architecture and Innovation". TACEI. November 19-20, 2012.
- D22.** Khotamov A.T. Problems in determining the physical collapse of buildings. International Conference. "Modern problems of building materials and structures", Book - 1, Samarkand – 2013.
- D21.** Khotamov A.T., Usmanov A.S. Forecasting the reliability of structures of operated buildings. International Conference. "Modern problems of building materials and structures", Book - 1, Samarkand – 2013.
- D20.** Khotamov A.T., Gimush R.I. Problems in the field of urban planning and economy in Uzbekistan. International conference. Proceedings of the International Scientific-Practical Conference "Economic and Environmental Problems of Private Entrepreneurship Development in the Aral Sea Zone" Nukus - May 6-7, 2015.
- D19.** Khotamov A.T., Kadabayeva Sh.S., Toshtemirova Sh.A. The issue of certification in the operation of buildings and structures. International Conference. "Perspective applications of innovative technologies in the field of architecture and construction", Book - 1, Samarkand - 2016 SamGASI.
- D18.** Khotamov A.T. Issues related to early failure of building structures. International Conference. "Perspective applications of innovative technologies in the field of architecture and construction", Book - 1, Samarkand - 2016 SamGACI.
- D17.** Khotamov A.T., Qosimova S.T., Tolipova N.Z. Improving the efficiency of housing and communal services. International Conference. "Socio-economic development of cities and regions: urban planning, business development, life support of the city", materials of the international scientific-practical conference. April 22, 2016 Volgograd, VolGASU-2016.
- D16.** Khotamov A.T., Kadabayeva Sh.S., Toshtemirov Sh.A. The effect of defects on the operational reliability of building structures. XXXI International Scientific and Practical Internet Conference "Trends and prospects for the development of science and education in the conditions of globalization", December 19, 2017, Kyiv.

- D15.** Khotamov A.T., Tolipova N.Z., Temishev M.U. Density of street and road networks in the city of Tashkent. XXXI International Scientific and Practical Internet Conference "Trends and prospects for the development of science and education in the conditions of globalization", December 19, 2017
- D14.** Khotamov A.T., Tolipova N.Z. Analysis of the reasons for the inspection of building structures before the reconstruction and overhaul of buildings. iScience. Proceedings of the XVIII International Scientific Conference "Actual Scientific Research in the Modern World" November 26-27, 2018 Issue 11(43) Part 1. Journal ISSN 2524-0986 Pereyaslav-Khmelnitsky.
- D13.** Khotamov A.T., Shahidov A.S., Usmonov Q.T., Abduhalilov F.A., Toshtemirova D.A. Influence of groundwater on the stability of the ground path of the 4p173 "kungirad-muynak" road. International scientific and practical conference. "Trends and prospects for the development of science and education in the context of globalization"/№58. 04/30/2020, Pereyaslav, Ukraine.
- D12.** Khotamov A.T. New methodology for assessing damage to residential buildings and neighborhoods caused by natural disaster. International Conference «Scientific research of the sco countries: synergy and integration». Infinity publishing. Haidian, Beijing, PRC. China-2020, (Pekin). 174-180 pages.
- D11.** Khotamov A.T., Kadabayeva Sh.S., Toshtemirov Sh.A. Analysis of methods for assessing the physical wear of residential buildings taking into account regional characteristics of the republic of uzbekistan. International Conference "International scientific and practical conference". cutting edge science 2020. July 2020. Shawnee USA. Conference Proceedings.
- D10.** Khotamov A.T., Kadabayeva Sh.S., Abdikhalilov F.A., Toshtemirova D.A. Issues of organization of roadside service. International scientific-practical conference. "Current issues and innovative solutions for the sustainable development of modern architecture and urban planning." SamDAQI, Samarkand, September 18-19, 2020. Part 1. 64-68 p.
- D9.** Khotamov A.T., Abdikhalilov F.A., Toshtemirova D.A., Usmonov Q.T. Urban analysis of the region on the example of the Kungrad-Moynak highway. International scientific-practical conference. "Current issues and innovative solutions for the sustainable development of modern architecture and urban planning." SamDAQI, Samarkand, September 18-19, 2020. Part 1. 68-73 p.
- D2.** Khotamov A.T. Issues of monitoring the state of operation of housing in urban planning. International scientific-practical conference. "Current issues and innovative solutions for the sustainable development of modern architecture and urban planning." SamDAQI, Samarkand, September 18-19, 2020. Part 2. 37-42 p.
- D7.** Khotamov A.T., Yodgarov S.J. Statistical analysis of the forecast of physical depreciation of housing stock in urban planning. International scientific-practical conference. "Current issues and innovative solutions for the sustainable development of modern architecture and urban planning." SamDAQI, Samarkand, September 18-19, 2020. Part 2. 42-47 p.
- D6.** Khotamov A.T., Fayziyev S.S. Assess the capacity of the city street network. "International Scientific and Technical Conference of the CCC CIS "Transport: Actual Tasks and Innovations" TTU, Tashkent, April 23, 2021.
- D5.** Khotamov A.T., Abdukhalilov F.A., Abdurahmanov A.A. The issue of groundwater use in the improvement of roadsides (on the example of the Kungrad-Muynak highway). International scientific-practical conference. "Innovation, integration, economy in the field of architecture and construction." TACEI, Tashkent, May 5-6, 2021. 129-132 p.
- D4.** Khotamov A.T., Shukurov I.S. Influence of territorial factors in the management of the technical condition of apartment houses. International scientific-practical conference. "Innovation, integration, economy in the field of architecture and construction." TACEI, Tashkent, May 5-6, 2021. 147-152 p.
- D3.** Khotamov A.T., Fayziyev S.S. Assess the capacity of the city street network. International scientific-practical conference. "Innovation, integration, economy in the field of architecture and construction." TACEI, Tashkent, May 5-6, 2021. 152-155 p.
- D2.** Khotamov A.T., Shukurov L.I. Studies of the dustiness of cities in Uzbekistan. "International Scientific and Practical Conference "Actual Issues of Theory and Practice of the Development of Scientific Research" Kaluga, October 14, 2021. Sterlitamak: AMI, 2021. 132 p. 54-56 p.
- D1.** Khotamov A.T. The value of the intensity of wear to ensure the durability of multi-apartment housing in the renovation of residential areas. ICCATS 2020. IOP Publishing. IOP Conf. Series Materials Science and Engineering 962 (2020) 022052. Doi: 10.1088/1757-899X/962/2/022052.

## E-National Conference Proceedings

- E9.** Khotamov A.T., Toshtemirov Sh., Akhmedov. Some issues in determining the technical condition of the construction of buildings in operation. Architectural science and period. XXII Traditional Conference Proceedings. . TACEI, 2013.
- E8.** Khotamov A.T., Usmonov Q.T., Qayumov A., Xudoyberdiyev A. Reflections on problems in the operation of buildings and structures. Current issues of design, construction, maintenance, reconstruction and modernization of modern buildings and structures. Materials of the Republican scientific-practical conference. FerPI, 2015. 27-28 April.
- E7.** Khotamov A.T. Prospects for urban development. Architectural science and period. XXIV Traditional Conference Proceedings. Part 1. . TIAC, 2015.
- E6.** Khotamov A.T., Khatamov N. On the importance of groundwater in urban planning. Architectural science and period. XXIV Traditional Conference Proceedings. Part 2. TIAC, 2015. 24-25p .
- E5.** Khotamov A.T., Toshtemirov Sh.A., Akhmedov S. The importance of vertical planning in urban planning. Architectural science and period. XXV Traditional Conference Proceedings. Part 2. TACEI, 2016.
- E4.** Khotamov A.T., Abdullayev J.Sh. Special noise-proof screens serve as a base. Improving the efficiency of energy saving, current problems of power supply and their solutions. Materials of the Republican scientific-technical conference. FerPI, 2016. 2-3 December.
- E3.** Khotamov A.T., Kadabayeva Sh.S., Toshtemirova Sh.A. The result of the survey of the technical condition of building structures, the building of the state archive of Chirchik. Architectural science and period. XXVI Traditional conference proceedings. Materials of the Republican scientific-technical conference. Part 2. TACEI, 2017, March 17-18.
- E2.** Khotamov A.T. The results of the survey of the technical condition of building structures building of the Republican Children's Library in Tashkent. "Architectural theory and history of Uzbekistan, problems of repair and reconstruction of monuments." Republican scientific and technical conference. Tashkent, TACEI, November 7, 2019.
- E1.** Issues of monitoring the state of operation of housing in urban planning. Republican scientific-practical conference "Improving the management system of housing in Uzbekistan: problems and solutions." Tashkent, TIAC, 2020, November 19-20. 196-205 p.

## G. BOOKS / TEXT BOOKS (darslik / o'quv qo'llanma)

- G1.** Engineering improvement and transport. TACEI, Tashkent-2009.
- G2.** Assessment of the technical condition of buildings and structures. TACEI, Tashkent-2012.
- G3.** Engineering preparation of urban areas. TACEI, Tashkent-2018.
- G4.** City streets, roads and transport. TACEI, Tashkent-2021.
- G5.** Technical safety of buildings and structures. Ministry of Higher Education. Tashkent-2022.

## I. BOOK CHAPTERS (darslik boblari)

## J. MONOGRAPHS / RESEARCH REPORTS (monografiyalar / ilmiy tadqiqot hisobotlari)

- J1.** Evaluation of the operational reliability of reinforced concrete frame buildings under conditions of uncertainty. TACEI, Tashkent-2009.
- J2.** Engineering improvement of roadside territories of highways. TACEI, Tashkent-2021.
- J3.** Methodology for assessing the physical deterioration of housing stock. TACEU, Tashkent-2023.

CITATIONS		h-index
<b>Scopus:</b>	5	1
<b>Google Scholar:</b>	15	4

## FUNDED RESEARCH PROJECTS

(ilmiy loyihalarda ishtiroki (maosh olganligi))

- 5.** "Development of innovative landscape design solutions along the highway 4P74 Kungrad-Muynak". FZ-201902197 Innovative megaproject. The head of the group. 640 million soums/year (2019-2021).

4. "Development of scientific foundations and methodology of real estate valuation in market conditions, taking into account regional peculiarities of Uzbekistan". R&D Report on GNTP-2 No. P-2,36 2002-2004. TGIV (responsible executor).

3. Report on research work on the topic 16.06 No. state. Registrations 01970005501 1997-1999 TASI. Development of methods for optimal design and assessment of reliability, durability of prefabricated, precast-monolithic and monolithic structures in seismic conditions of the Republic of Uzbekistan - junior researcher

2. Research report on topic 7.19 State registration number 01970005877 1997-1999 "Development of automation systems for the calculation of restorable structures" - junior researcher

1. Research report on topic 4,1,17,1 State registration number 01970005876 1997-1999 Development of projects of light aircraft for the needs of the national economy of the Republic of Uzbekistan (Reliability calculation of elements of Recoverable and non-recoverable structures) - junior researcher.

### **Training manual:**

1. Ensuring the sustainability of national economy facilities in civil protection. Institute of Civil Protection of the Ministry of Emergency Situations of the Republic of Uzbekistan. Tashkent-2000.
2. Engineering and technical measures of civil protection. Institute of Civil Protection of the Ministry of Emergency Situations of the Republic of Uzbekistan. Tashkent-2000.
3. Practical guide to real estate valuation. Tashkent-2000.
4. Methods of real estate valuation. Tashkent-2000.
5. Landscape structures. TACEI, Tashkent-2010.
6. Causes of structural damage and determining the results of destruction. TACEI, Tashkent-2014.
7. Comprehensive improvement of urban areas. TACEI, Tashkent-2014.
8. City streets, roads and transport. TACEI, Tashkent-2021.

### **Regulatory documents:**

1. SNK (urban planning norms and rules) 1.03.11-07 "Instructions on the composition, procedure for the development, coordination and approval of the list of engineering and technical measures of civil protection in the master plan of cities and other settlements". Tashkent-2007.
2. CMC (Building codes and regulations) 2.01.16-97 "Rules for assessing the physical wear of residential buildings". Tashkent-2007.
3. SNK 1.04.01-21 "Constructive inspection and forecast of the technical condition of existing buildings and structures". Tashkent-2021.
4. SNK 2.06.15-21 "Engineering protection of territories from flooding and flooding". Tashkent-2021.
5. SNK 2.06.15-22. "Engineering protection of areas from flooding and inundation". Tashkent-2022.
6. SNK 2.01.16-22. "Rules for assessing the physical wear and tear of residential buildings". Tashkent-2022.
7. SNK 1.03.11-22. "Instruction on the composition of the department of engineering and technical measures of civil protection in the master plan of cities and other settlements, the procedure for development, agreement and approval". Tashkent-2022.
8. ShNK 4.02.47-22 Landscaping. Protective forest plantations.

### **Patents:**

1. Agency for Intellectual Property under the Ministry of Justice of the Republic of Uzbekistan 100011, Tashkent, Khadra massif, 33. On the decision on the form No. SN-02 dated 09/10/2021. ref. SAP No. 20210120/1 by application No. SAP 20210120



2. Agency for Intellectual Property under the Ministry of Justice of the Republic of Uzbekistan 100011, Tashkent, Khadra massif, 33. On the decision on the form No. SN-02 dated 09/10/2021. ref. SAP No. 20210119/1 by application SAP No. 20210119

## **GRADUATE RESEARCH SUPERVISIONS / ADVISING**

(Ilmiy rahbar / maslahatchi bo'lganligi)

### **Doctoral (Ph.D.) Mathematics**

(doktorantlarga rahbarligi, fan sohasi)

7. *Rashidov C. Joint monitoring of the technical condition of multi-apartment residential buildings based on the assignment of a passport (1-year doctoral studies).*
  6. *Urinov M.Z. Innovative solutions for providing multi-apartment residential buildings and adjacent territories with alternative energy sources (1-year doctoral studies).*
  5. *Djumabaev D.M. Trends in the development of the transport infrastructure of the city of Nukus*
  4. *Axmedov Sh.A. Improving methods for planning parking spaces in cities (1-year doctoral studies).*
  3. *Raxmatxujaeva D.Sh. Issues of assessing the technical condition of historical monuments and ensuring their durability (1-year doctoral studies).*
  2. *Shukurova L.I. Scientific basis for taking into account atomic sphere soaps in the design of housing estates and street and road networks (2-year doctoral studies).*
  1. *Abdurakhmanov A. Improving the irrigation system using groundwater for landscaping roadside areas. Present (2-year doctoral studies).*
- \* *Abdikhalilov A. Innovative solution for protection against traffic noise of residential areas in urban planning. Present ( Defended dissertation work 2022. 09)*

### **Master's (M.Sc.) Mathematics (Magistrlarga rahbarlik, fan sohasi)**

24. *Kholbekov Sirozhiddin Rakhmatullaevich "The influence of systematic defects on the durability of buildings"*
23. *Mamatisakov Diyorbek Abdugolomovich. "The influence of material variation coefficients on the reliability of reinforced concrete structures"*
22. *Muminova Dildora Burkhonjonovna. "The influence of defects on the durability of buildings"*
21. *Turobov Maksudzhon Asatilloevich "The optimal solution for designing garages in large cities"*
20. *Solizhonov Abrorbek Anvarovich "Study of the origin of defects when assessing the technical condition of buildings and structures"*
19. *Rashidov S. Innovative solutions for maintenance facilities on the side of the Kungirov-Muynak highway. TIACE. 2020-2022.*
18. *Faizieva S. Promising solutions for the development of the road network of the city of Navoi. TIACE Graduation: 2021.*
17. *Akhmedov Sh. Development of design solutions for service stations on the Kungirov-Muynak highway. TIACE Graduation: 2021.*
16. *Abdukhaliyev F. Development of non-standard solutions for the layout of screens that protect against traffic noise. TIACE Graduation: 2019.*
15. *Yuldasheva G. Improving the scheme of the future road network of the city of Tashkent.. TIACE Graduation: 2018.*
14. *Matkaziyaeva Rushana. Issues of organization of parking for cars in large cities. TIACE Graduation: 2017.*
13. *Abdullaev Zh. Transportation to protect special screens to eliminate errors. TIACE Graduation: 2017.*
12. *Shakhriddinov O. Solving the problems of transport infrastructure through the development of underground urbanism in large cities. TIACE Graduation: 2017.*
11. *Abdusametov A. Project proposal for the reconstruction of the Old part of the city of Tashkent. TIACE Graduation: 2015.*
10. *Ummatov M. Peculiarities of reconstruction of unfinished objects. TIACE Graduation: 2015.*
9. *Turakhjaeva D. Ways to reduce the level of physical destruction of structures under operating conditions. TIACE Graduation: 2014.*

<p>8. Abdukodirova Sh. Problems of determining the level of physical decay in the construction of industrial buildings in relation to the operating environment. TIACE Graduation: 2013.</p> <p>7. Saidakhmedov R. Evaluation of the residual service life of buildings of brick structures. TIACE Graduation: 2012.</p> <p>6. Mamadaliev Kh. Calculation of damaged structures in software systems in assessing the technical condition of a building. TIACE Graduation: 2012.</p> <p>5. Mavlyanov Sh. Seismic risk assessment of residential buildings constructed from local building materials. TIACE Graduation: 2011.</p> <p>4. Boimatov A. To determine the physical absorption of structures of industrial buildings. TIACE Graduation: 2011.</p> <p>3. Kasimov R. Application of the LIRA programm in assessing the technical condition of frame building structures. TIACE Graduation: 2011.</p> <p>2. Sadikov Zh. Evaluation of the technical condition of reinforced concrete frame structures using a software package. TIACE Graduation: 2010.</p> <p>1. Tursunav G. Assessment of physical absorption of buildings and structures. TIACE Graduation: 2010.</p>
<p><b>COURSES TAUGHT (o'qitadigan darslari)</b></p>
<p><b>Undergraduate (bakalavr talabalariga)</b></p>
<p>1. Technical operation of buildings and structures</p> <p>2. Quality control in construction</p>
<p><b>Graduate (magistr talabalariga)</b></p>
<p>1. Technical safety of buildings and structures</p> <p>2. Integrated improvement of urban areas</p>
<p><b>Activities in training centers:</b></p>
<p>1. Center for retraining and advanced training of managers in the field of construction under the Ministry of Construction of the Republic of Uzbekistan;</p> <p>2. Industry Center for retraining and advanced training of teaching staff at the Tashkent Institute of Architecture and Civil Engineering.</p> <p>3. Member of the forensic expert group "Construction Case" under the Ministry of Justice of the Republic of Uzbekistan.</p>
<p><b>PROFESSIONAL SERVICES (malakali xizmatlar)</b></p>
<p><b>Editorship and Editorial Board Membership in International Refereed Journals</b> (xalqaro retsenziyalanadigan jurnallarda tahririyat a'zoligi)</p>
<p>"Journal of Architecture and Construction". Indexed in SCI Expanded. ISSN (print): 0742-597X   ISSN: 1943-5479, 2012 – 2016. 2022 - y</p>
<p><b>Scientific Committee Membership in National and International Conferences</b> (Respublika va xalqaro miqyosidagi konferensiyalarda tahrir hay'ati a'zoligi)</p>
<p>1. "Problems of modern urban planning, solutions." Republican Scientific and Technical Conference, TASI, Department of Urban Construction and Economy. Tashkent, TASI, 2017</p> <p>2. "Problems of modern urban planning, innovative solutions." International scientific and technical conference, SamGASI, Department of Urban Construction and Economy. SamGASI, 2022.</p>
<p><b>Professional Honors, Prizes and Fellowships</b> (mukofotlari, davlat stipendiyalari va boshqa ilmiy yutuqlari)</p>
<p>-</p>
<p><b>Professional development:</b></p>
<p>1. 2011 advanced qualifications on the line "Talent", organized by the Fund of the President of the Republic of Uzbekistan.</p> <p>2. In 2013, he completed a monthlong an internship at the KICTE Institute in South Korea through the KOICA organization on the topic "Urban Development"</p> <p>3. 2018 r. became the winner of the competition, organized by the Presidential Fund "Talent" and passed a month-long internship at NII MGSU. Moscow on the topic "Problems of sustainable</p>

territorial-planning development of urbanized cities”.

4. In April 2022, he completed a refresher course at the Head Methodological Center (HMC) under the Ministry of Higher and Secondary Education

5. 10-day advanced training at Istanbul Technical University in July 2023 (Turkey)

#### **Associations/Affiliations**

(Ilmiy jamiyatlarga a'zoligi)

1. Scientific Secretary of the Dissertation Council DSc.26/30.12.2019.T.11.01 at the Tashkent Architectural and Construction University.

2. Chairman of the Dissertation Council PhD.26/04.07.2023.T.11.03 at the Tashkent Architectural and Construction University.

3. Member of the dissertation council at the Turin Polytechnic Institute in Tashkent, specialty “05.09.01-Building structures, buildings and structures”.

#### **GRADUATE RESEARCH SUPERVISIONS / ADVISING**

1. 18.00.02-Urban planning. The layout of rural settlements. Landscape architecture. Architecture of buildings and structures

2. 05.09.01-Building construction, buildings and structures

#### **COURSES TAUGHT**

1. Bachelors and masters graduates of the Tashkent Architectural and Construction Institute

2. Center for training and retraining of managers in construction at TACEI;

3. Branch Center for retraining and advanced training of teaching staff at TACEI.