

CURRICULUM VITAE

Associate Prof. Dr. Erkin Khaltursunov

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ACADEMIC TITLES AND EDUCATION

	Institution	Date
Associate Professor	Specialty - 18.00.02 – “Area planning. Town building. Planning of rural residences. Landscape architecture. Architecture of buildings and constructions”. Turin Polytechnic University in Tashkent, Department “Civil engineering and Architecture”	31/10/2022
Ph.D.	Tashkent University of Architecture and Civil Engineering, Thesis title: “Modelling and optimization of networks of multi-storey garages of private cars and refilling stations in a city building”	17/09/2010
M.Sc.	Tashkent University of Architecture and Civil Engineering Thesis title: “Modelling and optimization of networks of multidisciplinary hospitals”	16/06/1996
B.Sc.		
College degree	Lyceum under Tashkent State Technical University	24/06/1991

EMPLOYMENTS

1. Tashkent University of Architecture and Civil Engineering, Uzbekistan	14/02/2023-Present
2. Turin Polytechnic University in Tashkent, Uzbekistan	23/11/2020 – 13/02/2023
3. Uzbekistan-Japan innovation center of youth at the Tashkent state technical university	29/10/2017 – 05/11/2020
4. Tashkent state technical university, Uzbekistan	16/05/2016 – 29/10/2017
5. Turin Polytechnic University in Tashkent, Uzbekistan	03/09/2012 – 13/05/2016
6. Centre for the development of software and hardware-program complexes by Tashkent University of Information Technologies	02/04/2012 – 03/09/2012
7. Institute of Mathematics and Information Technologies of the National Academic sciences of Uzbekistan	16/02/2009 – 31/03/2012
8. Art-form International Ltd, Loughborough, Leicestershire, England	24/09/2004 – 30/03/2007
9. “RENTA-QURILISH” Co. Ltd., Tashkent, Uzbekistan	21/04/2003 – 29/12/2004
10. Private entrepreneurship, Uzbekistan	10/04/2001 – 07/04/2003
11. “Business-Fund” JSC, Tashkent, Uzbekistan	

	25/07/1996–30/10/2000
ACADEMIC EXPERIENCES	
1. Associate Professor , Turin Polytechnic University in Tashkent, Civil Engineering and Architecture	03/09/2012 - Present
ADMINISTRATIVE ASSIGNMENTS	
1. Vice-rector for Academic affairs	14/02/20223 - Present
2. Director, Uzbekistan-Japan innovation center of youth at the Tashkent state technical university	31/10/2017-05/11/2020
3. Dean, Faculty of engineering systems, Tashkent state technical university	16/05/2016-30/10/2017
4. Head of IT department, Joint Stock Company “Business-Fund”	04/09/2000-30/10/2020
RESEARCH AREAS	
Urban planning, mathematical modeling, management and optimization of infrastructure projects; use of renewable energy in infrastructure projects; project risk management and decision support systems; restoration and conservation of historical monuments of Uzbekistan,	
PUBLICATIONS	
A- Peer-Reviewed Journal Articles (SCI / Scopus monitored)	
<p>A1. K. Sharipov, Sh. Daminova, Z. Kadirova, Botakoz Z. Esbergenova, Erkin B. Khaltursunov, M. Hojamberdiev (2020). “Maximizing the zinc ions removal by organic ligand-stabilized conjugate polystyrene macronet material” Microchemical Journal. Volume 153, March 2020, https://doi.org/10.1016/j.microc.2019.104523</p> <p>A2. Turakhodjaev Nodir, Saidmakhamadov Nosir, Turakhujaeva Shirinkhon, Khaltursunov Erkin, Turakhujaeva Azizakhon, Akramov Mukhammadali, (2021). Development Of Technology To Increase Resistance Of High Chromium Cast Iron. The American Journal of Engineering and Technology, 3(03), 85-92 https://theamericanjournals.com/index.php/tajet/article/view/531</p>	
B- Peer-Reviewed Journal Articles (Other indexes monitored)	
<p>B1. A.Sh. Mavlyanov, M.K. Azizov, H.K. Mavlonova, E.B. Khaltursunov “Study of photoconductivity spectrum of sulfur-doped silicon in forward and backward connection modes”, Euroasian Journal of Semiconductors Science and Engineering. Vol. 1 (2019) Iss. 4 https://uzjournals.edu.uz/semiconductors/vol1/iss4/8/</p> <p>B2. A. Mavlyanov, N. Zikrillayev, M. Khaqqulov, F. Shakarov, E. Khaltursunov “Conductivity reversal in silicon doped with S and Zn”, Acta of Turin Polytechnic University in Tashkent, 2020,</p>	

10, 26-28, Published Online September 2020 in Acta TTPU (<http://www.acta.polito.uz/>)
<https://uzjournals.edu.uz/actattpu/vol10/iss3/1/>

B3. E.B. Khaltursunov, N. Khaitov “Mausoleum of Sultan Sadat”, Eurasian journal of academic research, Innovative Academy Research Support Center, Volume 2 Issue 11, October 2022, <https://doi.org/10.5281/zenodo.7266539>

B4. A. Nazarov, Aleksey Kamardin, Bakhrom Igamov, A. Mavlyanov, E. Khaltursunov “Assessment of vacuum-deposited layer thickness and uniformity on flat mobile object surfaces”, Vol. 3 No. 2 (2022): Central Asian Journal of STEM <https://stem.ytit.uz/index.php/journal/article/view/59>

B5. E.B. Khaltursunov “The technique optimization the location of some networks of service institutions”, Acta of Turin Polytechnic University in Tashkent, Acta of Turin Polytechnic University in Tashkent, 11(3), 17–20.
(<http://www.acta.polito.uz/index.php/journal/article/view/59>)

C- Peer-Reviewed Conference Articles (international)

C1.

D- Peer-Reviewed Conference Articles (national)

D1.

BOOKS / BOOK CHAPTERS

1.

2.

TEXT BOOKS / MONOGRAPHS

1. Khaltursunov E. Optimization of the network of multi-storey garages and refilling stations in the city development. Analysis. Concept. Methods. LAP Lambert Academic Publishing, Saarbrücken, Germany, 2011, - 160 p. ISBN 978-3-8454-7558-5 (in Russian)

2. Khaltursunov E. Multicriteria and qualimetric estimation of design solutions. Methods, Algorithms, Programs. LAP Lambert Academic Publishing, Saarbrücken, Germany, 2012, - 159 p., ISBN 978-3- 8484- 0925-9 (in Russian)

3. Khaltursunov E. Modeling and Optimizing the Organization of the School Network: Analysis, Generation, Estimation." Publishing house LAP Lambert Academic Publishing, Saarbrücken, Germany, 2012, - 176 c., ISBN 978-3-659-23164-3 (in Russian)

4. Khaltursunov E. Economic and Mathematical Modeling and Optimization of the Housing Stock, Prerequisites: Toolkit, Modeling." LAP Lambert Academic Publishing, Saarbrücken, Germany, 2012, - 86p. ISBN 978-3-659-24225-0 (in Russian)

5. Khaltursunov E. Optimization of outpatient network location. LAP Lambert Academic Publishing, Saarbrücken, Germany, 2018, - 169 p. ISBN 978-613-9-81545-6 (in Russian)

6. Khaltursunov E.B. Optimization of location of the innovative pharmacy network "Univerpharma" // Monograph, LAP Lambert Academic Publishing, Saarbrücken, DE, 2019, 91 p. ISBN 978-620-0-09164-2

7. Khaltursunov E.B. Optimization of location of a network of multidisciplinary hospitals. Analysis. Development. Reconstruction. Design. // Monograph, LAP Lambert Academic Publishing, Saarbrücken, DE, 2021, 106 p. ISBN 978-620-3-92320-9 (in Russian)

CITATIONS		H-INDEX
Scopus:	1	2
Google Scholar:	2	2

FUNDED RESEARCH PROJECTS

1. State grant from the Center for Science and Technology under the Cabinet of Ministers of the Republic of Uzbekistan, including the Program GNTP-4.2 "Development and implementation of software in the environment for management processes in the environment, social sphere and gas pipeline transport" (2006-2008, GR No. A14- 21).
2. State grant from the Center for Science and Technology under the Cabinet of Ministers of the Republic of Uzbekistan "Development and implementation of object-oriented software products and databases for analysis and decision- making in gas transmission, gas technology and environmental systems" (2009-2011, GR No.FA-A17-F007).
3. The Project "Environmental risk assessment and mitigation on Cultural Heritage Assets (ERAMCA)", ERASMUS+, Uzbekistan, 2019-2023.
4. The Project "Strengthening the capacity of research activities of Uzbek-Japan innovation center of youth", Manager, Granted from JICA, 2019-2024.
5. The Project "Development of three illustrated manuals "Solar radiation calculation methodology for building exterior surfaces", "Facade shading systems " and "Green Roofs and Facades", Contract between UNDP and Turin Polytechnic University in Tashkent, 2022-2023

GRADUATE RESEARCH SUPERVISIONS / ADVISING

Doctoral (Ph.D.) *Civil Engineering*

1. M.Shermatova, "*Exploring the Use of Smart Home Technologies for Enhancing Building Energy Efficiency in the condition of Uzbekistan*", Turin Polytechnic University in Tashkent, Present (from January 2023).

Master's (M.Sc.) *Construction Management / Civil Engineering*

1. Dilbar Akramova, "*Solutions for the complex of the historical mahalla Kumlok-Chuvalachi with the preservation and use of the Matkarimbay madrasah*", Turin Polytechnic University in Tashkent, (Present).
2. Shukhratova Maftuna, "*Trends in the integration of modern architecture into objects of cultural heritage*," Turin Polytechnic University in Tashkent, (Present).

3. Jumaev Feruz, “Restorations of Fasades of Historical Monuments Using Digital Orthophotos”, Turin Polytechnic University in Tashkent, (Present).

COURSES TAUGHT

Undergraduate - Turin Polytechnic University in Tashkent

1. Technical drawing with the fundamentals of descriptive geometry,
2. Engineering drawing,
3. Environmental management engineering for industrial activities.

Graduate - Turin Polytechnic University in Tashkent

1. Hydrogeology
2. Geotechnical and Hydrogeological Risk Assessment and Mitigation

(Note: Online content has also been prepared for graduate courses 1, 2 and these courses have also been given online in various periods within the scope of the graduate program)

PROFESSIONAL SERVICES

Editorship and Editorial Board Membership in International Refereed Journals

1. ACTA, TTPU, Turin Polytechnic University in Tashkent

Referee in International Journals

Scientific Committee Membership in National and International Conferences

- 1.

Professional Honors, Prizes and Fellowships

- 1.

Associations / Affiliations

1. International accreditation expert “Kazakhstan Association for Engineering Education KAZSEE” (www.kazsee.kz) (September 2021 - Present)