

CURRICULUM VITAE

Prof. Dr. Askarov Bakhtiyor

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EDUCATION (Tahsil olganligi)		
Degree (daraja)	Institution (ta'lim yoki ilmiy muassasa)	Date (sana)
D.Sc.	Tashkent Institute of Architecture and Civil Engineering, Uzbekistan (education)	1989-1991
	Tashkent Institute of Architecture and Civil Engineering, Uzbekistan Thesis title: <i>“Development of structural lightweight concrete based on effective types of aggregates and reinforced concrete structures of reinforced high-strength steels”</i> (defense)	1993
Candidate of technical science Ph.D	Tashkent Polytechnic Institute, Uzbekistan (education)	1966-1969
	Tashkent Polytechnic Institute, Uzbekistan Thesis title: <i>“Issledovanie predvaritelno aurennennyx keramzitobetonnyx ferm iz syrya Uzbekistana”</i> (defense)	1972
Student	Tashkent Polytechnic Institute, Uzbekistan	1964
ACADEMIC AND PROFESSIONAL EXPERIENCES (pedagogik va kasbiy faoliyat)		
Professor, TAQU, Uzbekistan		01.05.2019 – Present
Doctor of Technical Sciences, Tashkent Polytechnic Institute, Uzbekistan		1993-2017
Deputy, Oliy Majlis of the Republic of Uzbekistan		1999-2004
Prof., Department Tashkent Polytechnic Institute, Uzbekistan		1990 – 1993
Engineer, assistant, senior lecturer, associate professor, professor, head of the department Tashkent Polytechnic Institute		1969-2005
Assist. Prof., Civil Eng., Tashkent Polytechnic Institute, Uzbekistan		1969-1990

Assistant, Management, Tashkent Polytechnic Institute, Uzbekistan	1976- 1969
Researcher, Tashkent Polytechnic Institute (TPI).	1965-1965
Plasterer, bricklayer, 153 trust, SU-3	1959-1962
ADMINISTRATIVE EXPERIENCES (rahbarlik lavozimlari)	
- Rector, Tashkent Institute of Architecture and Civil Engineering	1991 – 2005
- Director, Construction and Real Estate "Uzdunrobita".	2006-2012
- Dean, Faculty of Civil Engineering, Tashkent Institute of Architecture and Civil Engineering	1988-1991
- Dean, Faculty of Industrial and Civil Construction of the Tashkent Polytechnic Institute.	1980-1988
- Dean, Tashkent Polytechnic Institute, Faculty of Evening and Street Construction.	1974-1976
RESEARCH AREAS (ilmiy izlanish sohalari)	
Construction consultations, buildings and structures	
PUBLICATIONS (chop ettirgan ilmiy, uslubiy ishlari)	
A. Peer-Reviewed Journal Articles (monitored by Scopus) (Scopus bazasiga kiruvchi jurnallardagi maqolalari)	
A1.	
B. Peer-Reviewed Conference Articles (monitored by Scopus) (Scopus bazasiga kiruvchi chuqur tahrirlangan konferensiya tezislarini)	
B1.	
C. PEER-REVIEWED OTHER INTERNATIONAL JOURNAL ARTICLES (Chuqur tahrirlanadigan boshqa xalqaro jurnallardagi maqolalari)	
C1. Sobirova M.Kh. (2023) Abrasion of Fine-Grained Concrete from Marble: Factors Affecting the Increase in Wear Resistance. Vol. 2 No. 5: Nexus : Journal of Innovative Studies of Engineering Science (JISES)	
C2. Sobirova M.Kh. (2023) Production of Fine-Grained Concrete from Granite. Spain journal of innovation and integrity. ISSN: 2792-8268	
C3. Sobirova M.Kh. (2022) Influence of Superplasticators on the Properties of Cement. EUROPEAN JOURNAL OF LIFE SAFETY AND STABILITY (EJLSS) ISSN2660 – 9630 www.ejlss.indexedresearch.org Volume 23	
C4. Sobirova M.Kh. (2022) Fine -Grained Concrete. CENTRAL ASIAN JOURNAL OF INNOVATIONS ON TOURISM MANAGEMENT AND FINANCE Volume: 03 Issue: 11 2022 ISSN: 2660	
C5. Sobirova M.Kh. (2021).Glazed Fine-Grained Concrete Based On White Portlandcement. //Scientific electronic journal “Advanced materials - Germany.	
C6. Mrizayev A. and Sobirova M. (2021). Technologies for artificial marble products. //	

Scientific electronic journal “Advanced materials - Germany.

C7. Askarov B.A., Sobirova M.Kh. and Abdurakhimov A.A. (2020). International Engineering journal for research & development. “Fine-grained concrete. // *Scientific journal*. - India. p.164-167.

C8. Askarov B.A., Sobirova M.Kh. and Abdurakhimov A.A. (2020). International Engineering journal for research & development. // *Scientific journal*. “Influence of superplasticators on the properties of cement”. - India. p.154-157.

C9. Crack resistance and deformability of reinforced concrete beams made of light and heavy concrete with mixed reinforcement of high-strength steel. (1989) // *Izvestiya VUZov*, - Novosibirsk 1989

C10. Structural lightweight concrete based on aggregate from forests of visible loam and insulating TPP. (1988) // Collection of NIIZhBD Gosstroy SSR - Moscow.

C11. Prerequisites for the purpose of the parameters of mixed reinforcement in the design of reinforced concrete elements. Improvement of calculation and design of building structures. // Sevkaz-NIPIagrom, – Rostov-on-Don, 1988

C12. Strength of reinforced concrete Block made of light and heavy concrete with mixed reinforcing high-strength steels. (1988). // *Izvestiya VUZov*. – Novosibirsk

C13. Efficiency under tension of concrete from light and heavy concrete with mixed steel reinforcement. (1987) // *At-V and At-VI. Concrete and reinforced concrete No. 11.*, - Moscow.

C14. Method for determining creep nuclei. 1985. // Scientific and practical conference. Rostov-on-Don.

C15. Strength of lightweight concrete after its preliminary firing. 1983. // Interuniversity collection, Rostov-on-Don.

D. PEER REVIEWED NATIONAL JOURNAL ARTICLES

(Chuqur tahrirlanadigan respublika jurnallardagi maqolalari)

D1. Askarov B.A. (2002). Comprehensive study of structures of architectural monuments in order to ensure their durability. // *Construction of the architecture of Uzbekistan*.

D2. Askarov BA, Gaziev UA and Rizaev Kh.A. (2000). Basic physical and mechanical characteristics and properties of filling mixtures based on industrial waste. // *Architecture and construction in Uzbekistan*.

D3. B.A. Askarov and L.M.Botvina.(2000).UzPorous aggregates from waste from the dolomite industry. // Collection of research papers based on the results of the State Committee for Science and Technology.

D4. B.A. Askarov and U.A. Gaziev. (1998).Theory and technology of concrete and reinforced concrete. // *The journal Goskomarkhitekstroy R.Uz*.

D5. B.A. Askarov, H.U. and Kambarov. (1995). Recommendations for the calculation of reinforced concrete structures for the impact of the hot climate of Central Asia. // *The journal Goskomarkhitekstroy R.Uz*.

D6. B.A. Askarov and H.U. Kambarov. (1997). Issues of designing reinforced concrete structures in

the construction of buildings for agro-industrial complexes. // Cotton growing magazine.

D7. B.A. Askarov, U. M. Sattarov and M. Kuramshin. (1993). Influence of the geometric dimensions of the periodic profile of the reinforcement on the length of the stress transmission zone. // Muskan magazine.

D8. B.A. Askarov, U. M. Sattarov. (1993). Special crescent profile fittings with lightweight concrete. // Muskan Magazine.

D9. B.A. Askarov. (1990). Guidelines for calculating strength and trestrength of centrino compressed reinforced concrete elements made of lightweight concrete reinforced with high-strength steel. //Tashkent: Matbuot,

D10. B.A. Askarov. (1990). Concrete columns made of lightweight concrete based on types of loam reinforced with high-strength steel. // Architecture and construction of Uzbekistan.

E. PEER-REVIEWED OTHER INTERNATIONAL CONFERENCE ARTICLES

(Chuqur tahrirlanadigan boshqa xalqaro konferensiyalardagi maqolalari)

E1. Askarov B.A., Gortzki L. et al. (2000). Feuchte-und Salzbelastung des Mauerwerks der AK-Sarai Schachrisabs, Respublik Uzbekistan. //Bauhaus-Universitat Fakultat Bauingenieu Wrimar. The conference is warm. - Germany.

E2. Askarov B.A (2023) CHARACTERISTICS OF CONSTRUCTIVE SOLUTIONS OF UNIQUE BUILDING FOUNDATIONS. PROBLEMY ARCHITECTURE I STROITELSTVA (science and technology magazine) 27.04.2023 № SPETsIALNYY VYPUSK

E3. Askarov B.A., (1986) Study of industrial waste to obtain a new porous filler. 1986. // Scientific and technical conference. - Rostov-on-Don.

E4. The influence of climatic conditions on the change in the properties of concrete during preliminary compression. (1985). // Scientific and technical conference, All-Union meeting. - Tbilisi, Gori, October 15-19,

F. PEER-REVIEWED NATIONAL CONFERENCE ARTICLES

(Chuqur tahrirlanadigan respublika konferensiyalardagi maqolalari)

F1. Gaziev U.A., Rizaev H.A. (2000) Resource-saving technologies for using industrial waste to fill mined-out space. Collection of scientific papers of the international conference "Innovation-2000", Bukhara

F2. Abdurashidov K.S. (2002) Constructive measures for ensuring the durability of architectural monuments. Shakhrisabz shakhrining jakhon tarikhida tutgan urni. Halkaro ilmiy conference maruzalari tesislari. Tashkent. "Fan" nashriyoti

F3. Asqarov B. (2003)The state of monuments in Uzbekistan and problems of ensuring their longevity. Proceedings of the republican scientific and practical conference. Tashkent.

F4. Asqarov B. (2021) Vliyanie formy tonkostennyx poperechnyx secheniy na soprotivlenie stannogo elementa. Republican on-line scientific-practical conference on the topic "Problems and solutions of the development of the architectural environment of the Aralbuy region". May 20

F5. Asqarov B. (2021) Effektivnost predvaritelno naprajennyx leko lezobetonnyx balok s kanatnoy armaturoy. "Innovative solutions of technical, engineering and technological issues of production". Jizzakh Polytechnic Institute October 29-30, 2021

F6. Asqarov B. (2021) KUZNITSA SOZIDATELEY PREKRASNOGO. INTERNATIONAL

ON-LINE SCIENTIFIC AND PRACTICAL CONFERENCE ON "INNOVATION, INTEGRATION, ECONOMY IN THE FIELD OF ARCHITECTURE AND CONSTRUCTION" May 5-6, 2021

- F7.** Asqarov B. (2022) Composite based on wood shavings. Education, science and innovative ideas in the world Vypusk No. 1 Volume 1, 2022
- F8.** Asqarov B. (2022) Development of the composition of fiber concrete based on local raw materials and improvement of its properties. Education, science and innovative ideas in the world Vypusk No. 1 Volume 1, 2022
- F9.** Asqarov B (2023) INCREASING THE EFFICIENCY OF COMPOSITIONS BASED ON WOOD CHIP WITH THE HELP OF COMPLEX ADDITIVES. Education and science of the 21st century Release No. 37 volume April 5, 2023. ISSN: 2782-4365
- F10.** Asqarov B (2023) Fiber concrete based on local raw materials. Education and science of the 21st century Release No. 37 volume April 5, 2023. ISSN: 2782-4365

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

- G1.** Asqarov B. Mailyan D.R., Khasanov S.S., Properties of lightweight concrete and their changes during preloading in various climatic conditions. (1986.) Tashkent, TashPI.
- G2.** Asqarov B. Mailyan D.R., Calculation of the strength of reinforced concrete elements with mixed reinforcement. (1987) Textbook RISI, Rostov-on-Don.
- G3.** Asqarov B. Guidelines and assignments for performing individual work in the discipline "Factory-made building structures using computer technology and computer programming". Guidelines and assignments for performing individual work in the discipline "Factory-made building structures using computer technology and computer programming. (1988) TashPI, Tashkent.
- G4.** Asqarov B., Reconstruction, modernization, repair of buildings and assessment of their economic efficiency. (2002) Tashkent
- G5.** Asqarov B., (2003) "Reinforced concrete and stone-brick structures" Completed and Revised Second Edition. Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan, a textbook for students of universities. Tashkent "Uzbekistan"

I. BOOK CHAPTERS (darslik boblari)

- I1.** Asqarov B. "Building structures" Textbook in Uzbek. Publishing house "Uzbekistan", (1995) Tashkent
- I2.** Asqarov B., Sh.R. Nizomov, V.A. Khobilov "Temirbeton va tosh-gisht constructionlari" Textbook in Uzbek. Publishing house "Uzbekistan", (1997) Tashkent

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

- J1.** Asqarov B. "New lightweight concretes and structures based on them" (1995)

CITATIONS		h-index
Scopus:	134	1
Google Scholar:		5

FUNDED RESEARCH PROJECTS

(ilmiy loyihalarda ishtiroki (maosh olganligi))

- 1.** Project funded by the Ministry of Innovative Development of the Republic of Uzbekistan. "IL-2220984 Creation of a technology for the production of fiber-reinforced concrete based on basalt, metal and glass, meeting standards and having an earthquake-resistant structure" TUACE, 2022-2023. (Principal Investigator)

GRADUATE RESEARCH SUPERVISIONS / ADVISING (Ilmiy rahbar / maslahatchi bo‘lganligi)
DOCTORAL (Ph.D.) Mathematics (doktorantlarga rahbarligi, fan sohasi)
<ol style="list-style-type: none"> 1. M. Sobirova, Tashkent Institute of Architecture and Civil Engineering, ““Production of facing slabs from marble waste, using chemical additives”, 2022. 2. S.A. Yusupkhodjaev, Tashkent Institute of Architecture and Civil Engineering, “Research of prestressed lightweight reinforced concrete flexural elements and improvement of their calculation methods”, 2022. 3. S.T. Xolmirzayev, Tashkent Institute of Architecture and Civil Engineering, “Selection of optimal composition and properties of hydrotechnical concrete modified with a new chemical additive and dispersed reinforcement”, 2023
MASTER’S (M.Sc.) Mathematics (Magistrlarga rahbarlik, fan sohasi)
<ol style="list-style-type: none"> 1. M.Sobirova, Tashkent Institute of Architecture and Civil Engineering, 2018. 2. Burkhonov K.Zh, Tashkent Institute of Architecture and Civil Engineering, 2021. 3. Bobokulov T, Tashkent Institute of Architecture and Civil Engineering, 2021.
COURSES TAUGHT (o‘qitadigan darslari)
UNDERGRADUATE (bakalavr talabalariga)
<ol style="list-style-type: none"> 1. 2.
GRADUATE (magistr talabalariga)
<ol style="list-style-type: none"> 1. 2.
PROFESSIONAL SERVICES (malakali xizmatlar)
EDITORSHIP AND EDITORIAL BOARD MEMBERSHIP IN INTERNATIONAL REFEREED JOURNALS (xalqaro retsenziyalanadigan jurnallarda tahririyat a’zoligi)
REFeree IN INTERNATIONAL JOURNALS (Xalqaro jurlarda taqrizchiligi)
SCIENTIFIC COMMITTEE MEMBERSHIP IN NATIONAL AND INTERNATIONAL CONFERENCES (Respublika va xalqaro miqyosidagi konferensiyalarda tahrir hay’ati a’zoligi)
PROFESSIONAL HONORS, PRIZES AND FELLOWSHIPS (Mukofotlari, davlat stipendiyalari va boshqa ilmiy yutuqlari)
<ol style="list-style-type: none"> 1. Labor Honorary, 2023. 2. Certificate of Honor of the Presidium of the Supreme Council of Uzbekistan (1980) 3. "Sign of Uzbekistan" badge, "10th anniversary of independence of Uzbekistan" commemorative badge, "Honored architect of the Republic of Karakalpakstan" (2001)
ASSOCIATIONS/AFFILIATIONS (Ilmiy jamiyatlarga a’zoligi)
1. Chairman of the Scientific Council No. DSc.03/30.12.2019.A.11.02

2. DSc.26/30.12.2019.T.11.01 chairman of the scientific seminar under the scientific council