

CURRICULUM VITAE

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EDUCATION (Tahsil olganligi)		
Degree (daraja)	Institution (ta'lim yoki ilmiy muassasa)	Date (sana)
Doctor of Philosophy in Technical Sciences (PhD)	Tashkent University of Architecture and Civil Engineering Department "Technology of engineering hydraulic engineering and geotechnics".	2017 - Present
Senior teacher	Tashkent University of Architecture and Civil Engineering Department of hydrotechnics facilities, floors and foundations	2010-2017
Assistant	Tashkent University of Architecture and Civil Engineering	2001-2010
M.Sc.	Tashkent University of Architecture and Civil Engineering Dissertation title: "Dynamics of coarse-grained soils"	1999 – 2001
B.Sc.	Tashkent University of Architecture and Civil Engineering Dissertation title: "Flood protection in Jizzakh region"	1995-1999
ACADEMIC AND PROFESSIONAL EXPERIENCES (pedagogik va kasbiy faoliyat)		
PhD, Department of Hydraulic Structures, Soils and Foundations, Tashkent University of Architecture and Civil Engineering		2017 - Present
Head Teacher, Department of Hydraulic Structures, Soils and Foundations, Tashkent University of Architecture and Civil Engineering		2010-2017
ADMINISTRATIVE EXPERIENCES (rahbarlik lavozimlari)		
- Head of the Department of Hydraulic Structures, Soils and Foundations, Tashkent University of Architecture and Construction		2017 – Present
- Head teacher, Tashkent University of Architecture and Civil Engineering		2010-2017

RESEARCH AREAS (ilmiy izlanish sohalari)
Soil mechanics, soil and foundations
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 tezislari)
C. PEER-REVIEWED OTHER INTERNATIONAL JOURNAL ARTICLES (Chuqur tahrirlanadigan boshqa xalqaro jurnallardagi maqolalari)
<p>C1. Vibration creep of loess soils Toshkhodzhaev A.U., H Z Rasulov , R H Rasulov , and M. B. Babajanov* 1Tashkent University of Architecture and Civil Engineering, 13 str. Navoi, Tashkent, Uzbekistan *Email: mansur.babajanov@gmail.com</p> <p>C2. Toshkhodzhaev A.U., Rasulov Kh.Z., Rasulov R.Kh., Forecast of seismic deformation of forest fixtures. International Scientific and Technical Conference "Stestruct strength, seismic dynamics of buildings and structures" - Tashkent, September 12-14, 2016. (The Report has been accepted for publication).</p> <p>C3. Toshkhodzhaev A.U., Deformation of the Oqsaroy monument in Samarkand. Architectural construction science and period "TIACE collection of scientific works, Tashkent, 2008</p> <p>C4. Toshkhodzhaev A.U., Rasulov Kh.Z. Conditions for the formation of landslide processes during earthquakes "Problems of seismology in Uzbekistan", Materials of the international conference, Tashkent, 2008, 239-241 b.</p> <p>C5. Toshkhodzhaev A.U., Rasulov Kh.Z. Sayfiddinov S.S. Basic requirements for the operation of a sludge tank when washing phosphogypsum Collection of scientific works of TAQI "Architecture, construction science and period", Tashkent, 2008, 26 p.</p> <p>C6. Toshkhodzhaev A.U., Usmanxodjayev I.I., Rasulov R.H. Dept of the diluted zone in the loessial bases at seismic influences. // <i>Extended Abstracts of the 15th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering.</i> – Japan: Japanese Geotechnical Society, 2015. P.90.</p> <p>C7. Toshkhodzhaev A.U., Galieva D, Nazarov K.I. SHEAR EXPERIMENTS ON A LARGE SCALE SHEAR INSTRUMENT, SERIA PUBLIKACJI NAUKOWO-BADAWCZYCH IMGW-PIB 2023</p>
D. PEER REVIEWED NATIONAL JOURNAL ARTICLES (Chuqur tahrirlanadigan respublika jurnallardagi maqolalari)

D1. Tashkhodzhaev A.U., Rasulov R.Kh., Tensioned state of the soil column during the propagation of seismic waves in it. // "Problems of Mechanics and Construction of Transport Structures" Proceedings of the II-International Scientific and Practical Conference dedicated to the 80th anniversary of Academician Sha.M. Aitaliyev - Almaty, 2015. - 143-146.

D2. Toshkhodzhaev A.U., Rasulov Kh.Z., Rasulov R.Kh., Usmankhodzhaev I.I., Critical acceleration of soil oscillation. // "Problems of mechanics and construction of transport structures" Proceedings of the II-International Scientific and Practical Conference dedicated to the 80th anniversary of Academician Sha.M. Aitaliyev - Almaty, 2015. - 132-136.

D3. Toshkhodzhaev A.U., Rasulov X.Z. Sayfiddinov C.C. Building properties of anthropogen soils "Geotechnical aspects of natural and man-made disasters" Proceedings of International Geotechnical Symposium, Astana, Kazakhstan, 2005, 189-193 p.

E. PEER-REVIEWED OTHER INTERNATIONAL CONFERENCE ARTICLES

(Chuqur tahrirlanadigan boshqa xalqaro konferensiyalardagi maqolalari)

E1. Toshkhodzhaev A.U., Rasulov X.Z. Sayfiddinov C.C. Building properties of anthropogen soils "Geotechnical aspects of natural and man-made disasters" Proceedings of International Geotechnical Symposium, Astana, Kazakhstan, 2005, 189-193 p.

E2. Toshkhodzhaev A.U. Rasulov Kh.Z. Saifiddinov S.S. Narbaev S.M. Changes in plastic zones in loess foundations during seismic vibrations "Geotechnical problems of construction on collapsible soils in seismic regions", Proceedings of the International Geotechnical Symposium, Dushanbe, 2005, 202-204s.

E3. Toshkhodzhaev A.U., Rasulov Kh.Z. Saifiddinov S.S. Narbaev S.M. *Changes in plastic zones in loess foundations during seismic vibrations* "Geotechnical problems of construction on collapsible soils in seismic regions", Proceedings of the International Geotechnical Symposium, Dushanbe, 2005, 202-204s.

E4. Toshkhojaev A.U., Rasulov Kh.Z. Sodigov A. Taking into account the change in the predictive characteristics of the soil in the assessment of the landslide phenomenon Proceedings of the International Scientific and Technical Conference "Modern Problems of Mechanics", Tashkent, 2009, pp. 444-447.

E5. Toshxo'jaev A.U. The effect of dynamic pressure on soil strength Materials of the scientific-practical conference "Problems of soil and foundation of structures in the Republic", TIACE, 2010, pp. 48-52.

E6. Toshxo'jaev A.U. Critical acceleration of vibrations of anthropogenic soils Collection of scientific works of TAQI "Architecture, construction science and period", Tashkent, 2011, 69 p.

E7. Toshxo'jaev A.U. Rasulov R.X. Kazakov E.A. Soil strength under the influence of dynamic forces Modern issues of design, construction and operation of engineering communication systems Scientific and technical conference Tashkent 2017

E8. Toshxo'jaev A.U. Rasulov Kh.Z. Galieva D. Umarov D. Changes in the seismic subsidence modulus of loess soils in the process of vibrations Architecture and construction of Uzbekistan Scientific and practical journal Tashkent 2017

E9. Toshxo'jaev A.U. Rasulov R.X. Norboev S.M. Groundwater processes under the influence of earthquakes Geotechnical problems in Uzbekistan and their modern solutions Republican scientific-practical conference Tashkent-2018

E10. Toshxo'jaev A.U. Rasulov R.X. Umarov D. Analysis of the dynamic impact on the ground dam Geotechnical problems in Uzbekistan and their modern solutions Republican scientific-practical conference Tashkent-2018

E11. Toshxo'jaev A.U. Nazarov K.I. Khidoyatov Z.D. Coarse soils in hydraulic engineering Republican scientific-practical conference on geotechnical problems in Uzbekistan and their modern solutions Tashkent-2018

- E12.** Toshxo'jaev A.U Khasanova N.T. Sherzиеv D Calculation of the stability of the foundation surrounding the pile taking into account seismic effects Republican scientific-practical conference on geotechnical problems in Uzbekistan and their modern solutions Tashkent-2018
- E13.** Toshxo'jaev A.U Nazarov K.I. Norboev S.M. Results of studies of deformative properties of coarse-grained soils of the Pskem dam Republican scientific-practical conference on geotechnical problems in Uzbekistan and their modern solutions Tashkent-2018
- E14.** Toshxo'jaev A.U Rasulov Kh.Z. Rasulov R.Kh. Galieva D.N. Umarov D. Rasulov S. Threshold of seismic subsidence as a criterion of seismic stability of the foundations of structures Problems of architecture and construction Tashkent – 2017
- E15.** Toshxo'jaev A.U. Козираимов А. К выбору оптимальные объёмно планировочные решения гелиоэнергетически активных зданий Proceedings of the Republican scientific-practical conference Tashkent-2015
- E16.** Toshxo'jaev A.U. Factors affecting soil compaction Modern methods and technologies in solving hydrogeological, engineering-geological and geocological problems. Materials of the Republican Scientific and Technical Conference Tashkent 2013
- E17.** Toshxo'jaev A.U. Depth of the liquefied zone at the base of buildings during an earthquake Geo – Engineering for Construction and Conservation of Cultural Heritage and Historical Sites Samarkand – 2012
- E18.** (PhD) Toshxo'jaev A.U, ass. Galieva D.N., mag. Akbarova D.B. (TASI). Calculation of the stress-strain state of the Pskem soil dam under seismic impact. Architecture. Construction. Design 2021.
- E19.** (PhD) Toshxo'jaev A.U., Galieva D.N., Doctor of Technical Sciences, Rasulov.R.Kh., Saidakhmedov N.S. TASI. Vibration creep of loess soils. Modern methods and technologies of geotechnics and foundation science in solving the problems of strength, stability and earthquake resistance of structures. Conference materials. October 21-22, 2021, Tashkent, Uzbekistan
- E20.** (PhD) Tashkhodzhaev A.U., Galieva D.N., mag. Akbarova D. B. TIACE Depth of foundation in soils with seismic subsidence during shaking. Modern methods and technologies of geotechnics and foundation science in solving the problems of strength, stability and earthquake resistance of structures. Conference materials. October 21-22, 2021, Tashkent, Uzbekistan
- E-21** (PhD) Toshxo'jaev A.U.,Galieva D.N., Experimental field research at the construction site of the Pskom HPP in the Republic of Uzbekistan, Minsk BNTU. 2022. № 2 . 334-342
- E-22**Tashkhodzhaev A.U., Galieva D Recommendation for reducing seismic subsidence deformation of structures. Smart Geotechnics for Smart Societies. Smart Geotechnics for Smart Societies. 17th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering 2023. Kazakhstan

F. PEER-REVIEWED NATIONAL CONFERENCE ARTICLES

(Chuqur tahrirlanadigan respublika konferensiyalardagi maqolalari)

- F1.** Rasulov Kh.Z., Tashkhodzhaev A.Y. Thickening of loessy floors, moistened under the influence of a strong earthquake. (monographs) 2019
- F2.** Arifjanov A.M., Fayziyev H., Toshxojaev A.U. Hydraulics. (textbook) 2019.
- F3.** Toshkhodzhaev A.U., Rasulov Kh.Z. Calculation of the foundations of buildings and structures erected on weak water-saturated soils for seismic impact “Current problems of architecture and construction science”, Collection of scientific works, TIACE, 2001, 3-4 p.
- F4.** Toshkhodzhaev A.U., Condensation conditions of water-saturated loess J. “Architecture Construction Design” TIACE Tashkent, 2011 № 4, 26-27 b.
- F5.** Toshkhodzhaev A.U., The change in the depth of the active layer during the vibration of water-saturated loess J. “Problems of Architecture and Construction” Samarkand, SAMSICE, 2011 №3, 9-12p.
- F6.** Toshkhodzhaev A.U., Depth of active layer in the vibration of lyosimon soils J. “Problems of Architecture and Construction” Samarkand, SAMSICE, 2011 №3, 12-14p.

- F6. Toshkhozhaev A.U. Rasulov Kh.Z. Calculation of the foundations of buildings and structures erected on weak water-saturated soils for seismic impact "Actual problems of architecture and construction science", Collection of scientific works, TIACE, 2001, 3-4 p.
- F7. Toshkhodzhaev A.U., Condensation conditions of water-saturated loess J. "Architecture Construction Design" TIACE Tashkent, 2011 № 4, 26-27 b.
- F8. Toshkhodzhaev A.U., The change in the depth of the active layer during the vibration of water-saturated loess J. "Problems of Architecture and Construction" Samarkand, SAMSICE, 2011 №3, 9-12p.
- F9. Toshkhodzhaev A.U., Depth of active layer in the vibration of loess soils J. "Problems of Architecture and Construction" Samarkand, SAMSICE, 2011 №3, 12-14p.
- F10. Toshkhodzhaev A.U., Rasulov X.Z. Rasulov R.X. Umarov D. The role of soil in the event of an earthquake Architectural construction design Tashkent 2017
- F11. Toshkhodzhaev A.U., Rasulov Kh.Z. Rasulov R.Kh. Galieva D. "Strength of Moistened Loess under Shaking" Architecture construction design Scientific and practical journal Tashkent 2017
- F12. A.Tashxodjaev, D. Galieva, A.Mirzaev, N.Talipov. Improvement of gypsum binding materials. p. 66-67, Tashkent, №1/2023 UZBEKGIDROENERGETIKA

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

G1. Gidravlika. (PhD) Toshkhodzhaev A.U., Nizamov O.X. Alimova L.O. 2023.

I. BOOK CHAPTERS (darslik boblari)

II.

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

J1.

CITATIONS		h-index
Scopus:	1	1
Google Scholar:	14	4

FUNDED RESEARCH PROJECTS

(ilmiy loyihalarda ishtiroki (maosh olganligi))

- № Gosregistration OT-F4-75 "Development of a method for determining the load-bearing capacity of loess soils on the ground in the event of a change in soil strength during a strong earthquake"

GRADUATE RESEARCH SUPERVISIONS / ADVISING

(Ilmiy rahbar / maslahatchi bo'lganligi)

DOCTORAL (Ph.D.)

(doktorantlarga rahbarligi, fan sohasi)

Doctor of Philosophy (PhD) in Engineering, 05.09.02 - "Foundations and foundations, underground structures. Bridges and transport tunnels. Roads, subways »

MASTER'S (M.Sc.) Mathematics

(Magistrlarga rahbarlik, fan sohasi)

- A.B. Akbarova, Tashkent University of Architecture and Civil Engineering (Present).
- R.J. Normatova, Tashkent University of Architecture and Civil Engineering (2020 year)
- A.M. Qo'zimurodov Tashkent University of Architecture and Civil Engineering (2023 year)

4. Sh.N.To`rayev Tashkent University of Architecture and Civil Engineering (2023 year)
COURSES TAUGHT (o`qitadigan darslari) – Tashkent University of Architecture and Civil Engineering
GRADUATE (magistr talabalariga)
<ol style="list-style-type: none"> 1. soil mechanics, soils and foundations 2. engineering research in hydraulic structures
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)
<ol style="list-style-type: none"> 1. “Inshoot mustahkamligi, turg`unligi va zilzilabardoshliligi muammolarining yechimida geotexnika va poydevorsozlik ilmiy zamonaviy usullar va texnologiyalari” xalqaro ilmiy anjuman. 2021 yil 21-22 oktyabr. Toshkent (International scientific conference "Modern scientific methods and technologies of geotechnics and foundation in solving the problems of strength, stability and earthquake resistance of structures." October 21-22, 2021. Tashkent)
PROFESSIONAL HONORS, PRIZES AND FELLOWSHIPS (Mukofotlari, davlat stipendiyalari va boshqa ilmiy yutuqlari)
ASSOCIATIONS/AFFILIATIONS (Ilmiy jamiyatlarga a`zoligi)
1. Irrigation and water problems research institute in the presence of DSc.41 / 30.04.2021.T.131.01 member of a digital scientific seminar