Resume of the faculty

Full name: Unaibayev Bulat Bulatovich	
Education:	
2001-2005	Bachelor's degree, Karaganda State Technical University, Industrial and Civil Engineering
2005-2007	Master's degree, Karaganda State Technical University, Industrial and Civil Engineering
2007-2010	Candidate of Technical Sciences, L. Gumilyov Eurasian National University
2018-2021	Doctoral studies, Karaganda Technical University
Experience:	
Academic:	
Work in this organization:	
2009-2018	Senior Lecturer, Associate Professor, Head of the Department of "Construction"
2022	Vice-Rector for Research and International Relations, Associate Professor of the Department of Construction
2009-2025	Technology of construction of buildings and structures, Fundamentals of scientific research, Foundations and foundations: modeling, calculation, creation
2022	Employment: Full-time
Previous jobs in educational institutions:	
2017-2019	Teacher of elective disciplines of KSU "Regional multidisciplinary Multilingual Boarding school for gifted children", Ekibastuz
	Employment (part-time)
Non-academic:	
2007-2009	Design engineer of the 3rd category of Temir LLP (metal structures, profiles, prefabricated buildings, sandwich panels), design engineer of Vesna LLP (construction, repair)
	Full-time employment
Professional development:	
	Certificates:
17.07.2023 - 28.07.2023	Advanced training courses. Foundations and structures: modeling, calculation, construction. Design of buildings in difficult soil conditions. Engineering geology. Center for training and retraining of personnel in the heat and power industry. Ekibastuz
31.07.2023 - 11.08.2023	Advanced training courses. Construction materials. Center for training and retraining of personnel in the heat and power industry. Ekibastuz
17.07.2023 - 29.07.2023	Advanced training courses. Geotechnical justification of construction. Verkhina LLP. Ekibastuz
15.08.2022 - 26.08.2022	Advanced training courses. Construction technology. Non-governmental quality assessment center. Almaty
14.11.2022 - 01.12.2022	Advanced training courses. Management of educational institutions for managers. Association of Higher Educational Institutions of the Republic of Kazakhstan. Almaty
01.08.2022 - 12.08.2022	Advanced training courses. Management in education. Academy of Assessment and Construction. Almaty
15.08.2022 - 26.08.2022	Advanced training courses. Construction technology. Academy of Assessment and Construction. Almaty
05.09.2022 - 16.09.2022	Technology of Building and Construction", (Almaty, Academy of Assessment and Construction)

08.02.2021 - 19.02.2021	Certificate of Internship for Managers and Specialists No. 0019057 at the Belarusian National Technical University in the program "Information Technologies in Teaching Special Disciplines in the Fields of Production of Building Materials, Products, and Structures"
28.02.2018	He was awarded the status of an accredited engineering and technical specialist in the field of "Head of the Production and Technical Department." Qualification certificate No. 01957 dated February 28, 2018 (registration number 61860)
26.03.2018	He was awarded the status of an accredited engineering and technical specialist in the field of "Leading Design Engineer: Load-bearing and Enclosing Structures - Construction Design." Qualification Certificate No. 01980 dated March 26, 2018 (registration number 63432)
Membership in professional organizations:	
2018-2022	Corresponding Member of the National Academy of Mining Sciences, Advisor to the Russian Academy of Natural Sciences
Awards and prizes:	
2020-2025	For many years of conscientious work in the field of education, a great contribution to the training of professional personnel, and high professionalism, he was awarded the Certificate of Honor by the Ekibastuz City Maslikhat (2022). He was also awarded the Honorary Badge "Excellent Miner" by the National Academy of Mining Sciences of the Republic of Kazakhstan (2020). For creating textbooks and educational materials that are recommended (approved) for use in the educational process at higher education institutions, he was awarded the Bronze Medal named after A. Baitursynov by the Association of Universities of the Republic of Kazakhstan (2015).
Activity in the service sector: -	
Publications and presentations:	
2020-2025	Over 170 publications, including 2 patents, 1 regulatory manual of the Republic of Kazakhstan, 6 monographs, 11 textbooks, 2 articles in journals included in the databases of Scopus and Web of Science companies, 1 article in a journal included in the List of Scientific Publications of the Higher Attestation Commission of the Russian Federation, 19 articles in journals included in the list of publications recommended by the Committee for Science and Education of the Republic of Kazakhstan
16. 05.2024	Unaybaev B.Zh., Unaybaev B.B., Serik M. Basic principles, provisions and criteria for assessing the danger of manifestation of the sufosion and structural instability of SPGT in the base// Article. Int. scientific and practical conf. within the framework of Satpaev Readings, EITI, 2025. (РИНЦ)
	Unaybaev B.Zh., Unaybaev B.B., Abeyova A.A. Causes of the development of emergency building subsidence on dusty clay soils of various types and salinity degree. Improving the quality of education, modern innovations in science and production. Collection of papers of the International scientific and practical conference. – Ekibastuz: KuzSTU branch in Prokopyevsk, 2024. – pp. 190-194. (РИНЦ)
	Unaybaev B.Zh., Unaybaev B.B., Tyulebaev M.S., Dedkov D.P., Eskendirov D.B. Optimization of foundation technology in sandy-clay soils of various types and salinity degrees. Improving the quality of education, modern innovations in science and production. Collection of papers from the International Scientific and Practical Conference. – Ekibastuz: KuzGTU branch in Prokopyevsk, 2024. – pp. 190-194. (РИНЦ)
	Unaybaev B.Zh., Unaybaev B.B., Zainishev A.B., Unaybaeva R. Complex

	solution of the problem of pile foundations in sandy-clay soils of various types and salinity degrees. Improving the quality of education, modern innovations in science and production. Collection of papers of the International Scientific and Practical Conference. – Ekibastuz: KuzGTU branch in Prokopyevsk, 2024. – pp. 199-202. (РИНЦ)
16.05.2024	Unaybaev B.Zh., Unaybaev B.B., Kim E.E., Kanaeva T.A., Atkonova K.N. The physical and chemical nature of deformation of ZPGH under technogenic impact. Improving the quality of education, modern innovations in science and production. Collection of papers of the International scientific and practical conference. – Ekibastuz: KuzSTU branch in Prokopyevsk, 2024. – p. 202-209. (РИНЦ)
	Unaybaev B.Zh., Unaybaev B.B., Ibraeva S.Zh., Zhakimbekov R.S. Experience of mass development of territories composed of sandy-clay soils of various types and salinity degrees. Improving the quality of education, modern innovations in science and production. Collection of papers of the International Scientific and Practical Conference. – Ekibastuz: KuzSTU branch in Prokopyevsk, 2024. – pp. 209-209. (РИНЦ)
№ 2-1(26) 2023	Unaybaev B.Zh., Unaybaev B.B., Ishchanova A.Sh., Kanaeva T.A., Kim E.E. Algorithm for the Survey, Design, and Construction of Buildings and Structures on Saline Dust-Clay Soils// Article. Innovative Scientific Research. 2023. No. 2-1(26). pp. 85-92, 02.02.2023
03.05.2023	Unaybaev B.Zh., Unaybaev B.B., Ishchanova A.Sh. Kim E.E., Kanaeva T.A. Construction of pile foundations in saline sandy-clay soils of carbonate salinity type// RF, Scientific Review. Technical Sciences. No. 2. 2023, 03.05.2023, pp. 22-26
12.05.2023	Unaybaev B.Zh., Unaybaev B.B., Kim E.E., Tishchenko E.V. Concrete for cast piles in saline sandy-clay soils. Improving the quality of education, modern innovations in science and production. Collection of papers of the International Scientific and Practical Conference. – Ekibastuz: KuzGTU branch in Prokopyevsk, 2023. – 227-231 p.
	Unaybaev B.Zh., Unaybaev B.B., Ishchanova A.Sh., Atkonova K.N. Research for the construction of buildings and structures on carbonate sandy-clay soils (in development of SNIP RK. 1.02-18-2004, SNIP RK.5.01.-03-2002). Improving the quality of education, modern innovations in science and production. Collection of papers from the International Scientific and Practical Conference. – Ekibastuz: KuzSTU branch in Prokopyevsk, 2023. – 225-227 p.
	Unaybaev B.Zh., Unaybaev B.B., Kanaeva T.A., Doktorov V.N. Ways to Solve the Problem of Expensive Construction on Saline Dust-Clay Soils. Improving the Quality of Education, Modern Innovations in Science and Production. Collection of Papers from the International Scientific and Practical Conference. – Ekibastuz: KuzGTU Branch in Prokopyevsk, 2023. – 234-241 p.
	Unaybaev B.B., Unaybaev B.Zh., Tyulebaev M.S., Kappasov E.U. The effectiveness of implementing proactive design and technological solutions in the development of areas with saline sandy-clay soils. Improving the quality of education and modern innovations in science and production. Proceedings of the International Scientific and Practical Conference. – Ekibastuz: KuzGTU branch in Prokopyevsk, 2023. – 241-245 p.
	Unaybaev B.Zh., Unaybaev B.B., Zainishev A.B., Dedkov D.P. Construction of Drilled Pile Foundations in Saline Silt-Clay Soils of Carbonate Salinity Type. Improving the Quality of Education, Modern Innovations in Science and Production. Collection of Papers from the International Scientific and Practical Conference. – Ekibastuz: KuzGTU Branch in Prokopyevsk, 2023. – 245-251 p.

№60, 2023	B. B. Unaibayev, B.Zh. Unaibayev. Asessment and Forecast of Changes in the Properties of Saline Soils Exposed to Technogenic Effects// SOIL MECHANICS AND FOUNDATION ENGINEERING, №60, 2023 year., p.63-6.9
№1 2023	Unaybaev B.B., Unaybaev B.Zh. Assessment and forecast of changes in the properties of saline soils exposed to anthropogenic impact//Article. Journal "Foundations, Foundations and Soil Mechanics", No. 1, 2023, pp. 21-26.
24-25.11. 2022	Unaybaev B.Zh., Unaybaev B.B., Ishchanova A.Sh. Anticipatory Technologies for Ensuring the Accident-Free Operation of Buildings and Structures on Saline Dust-Clay Soils//Article. Problems of Construction Production and Real Estate Management: Materials of the VII International Scientific and Practical Conference, November 24-25, 2022, Kemerovo: Kuzbass State Technical University named after T. F. Gorbachev. – 2022. pp. 298-303.
16.05.2022	Unaybaev B.Zh., Unaybaev B.B., Dedkov D.P., Zainishev A.B. Device of the protective and load-bearing shell of a bored pile in saline sandy-clay soils of the carbonate type of salinization//Article. Int. scientific-practical conf. within the framework of Satpaev Readings, EITI, 2022.
16.05.2022	Unaybaev B.Zh., Unaybaev B.B., Eskendirov D.B., Tyulebaev M.S. The specifics of the interaction between aggressive water-salt soil medium (AWSGS) and concrete// Article. Int. scientific and practical conf. within the framework of Satpaev Readings, EITI, 2022. – p. 405-408.
16.05.2022	Unaybaev B.B., Unaybaev B.Zh., Kanaeva T.A., Nurgaliyev K.K. Critical analysis of known methods for protecting concrete piles from corrosion//Article. Int. scientific and practical conf. within the framework of Satpayev readings, EITI, 2022. – p. 401-405.
16.05.2022	Unaybaev B.Zh., Smailova B.O., Unaybaev B.B. Summarizing the results of field survey of soils and concrete of foundation structures operated in ZPGG flooded by aggressive waters//Article. Int. scientific and practical conf. within the framework of Satpaev Readings, EITI, 2022.
16.05.2022	Unaybaev B.Zh., Unaybaev B.B., Zhambulatov D.E. Ways to solve the problem of costly construction on saline dusty clay soils of Kazakhstan//Article. International scientific and practical conference within the framework of Satpayev Readings, EITI, 2022.
16.05.2022	Unaybaev B.B., Unaybaev B. Zh., Doktorov V.N., Em V.A. Formation and Distribution of Salts in Soils and Groundwater of Kazakhstan//Article. International Scientific and Practical Conference within the Satpayev Readings, EITI, 2022. – p. 392-395.
16.05.2022	B. Unaibayev.J. B. Unaibayev.B. N. E. Kim.E. E. Tishchenko.V. N. Concrete for packed piles in saline, dusty-clay soils//Article. International scientific and practical conference within the framework of the Satpayev Readings, EITI, 2022.
16.05.2022	Unaybaev B.Zh., Unaybaev B.B., Ishchanova A.Sh., Atkonova K.N. изыскания под строительство зданий и сооружений на карбонатных пылевато-глинистых грунтах (в развитие снип рк. 1.02-18-2004, СНиП РК 5.01.-03-2002) //Статья. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2022.
2021	Unaibayev, B.Z., Unaibayev, B.B. & Andreyachshenko, V. (2021). Cast-in-situ piles encasements based on oil-bituminous rocks (kirs) in saline soils. Scientific Review Engineering and Environmental Sciences, 30 (1), 51-61. doi: 10.22630/PNIKS.2021.30.1.5 (a journal included in the international database Web of Science)
2021	Unaibayev BB, Unaibayev BZ, Alibekova N, Sarsembayeva A. Installation of

	Bored Piles with a Protective Silicate Shell of a New Design in Saline Silty-Clayey Soils. Applied Sciences. 2021; 11(15):6935. https://doi.org/10.3390/app11156935 (a journal included in the international database Web of Science)
New scientific developments:	
2024	Study Guide. Unaybaev B.B. The Profession of a Builder: Study Guide/B.B. Unaybaev. Ekibastuz: EITI named after Academician K. Satpaev, 2024. – 55 p.
2024	"I don't know," he said. Unaibayev B. B., Ishchanova A. Sh.technology of construction production: textbook/ Unaibaev B. B., Ishchanova A. Sh. Ekibastuz: EITI named after academician K. Satpayev, 2024.
2020-2025	Innovative patent for an invention of the Republic of Kazakhstan: "Method for testing saline soils" (No. 22825)
	Innovative patent for an invention of the Republic of Kazakhstan: "Method of constructing a bored pile in saline loess subsiding soils" (No. 22796)
2018	Textbook "Construction Technology. Part 1", Almaty: Evero Publishing House, 2018
06.01.2025 – 31.12.2027	Research topic. Research, design, and construction on saline sandy-clay soils
10.01.2022 - 31.12.2024	Research topic. Development of recommendations for the construction of a protective and load-bearing silicate shell of bored piles in saline sandy-clay soils
Additional information:	
	E-mail: u-danik@mail.ru, WhatsApp: 8-705-712-40-20