Resume of the faculty

Full name: Unaybayev Bulat Zharylgapovich	
Образование:	
1969-1974	higher, Karaganda Polytechnic Institute, Industrial and civil construction
1984-1987	Moscow Institute of civil engineering
1974	Professional qualification: civil engineer
1987	Candidate of Technical Sciences
2007	Doctor of Technical Sciences
2008	Professor in the Field of Construction
Experience:	
Academic:	
Work in this organization:	
2007-2022	Head of Department, Rector, Professor
2007-2025	Construction Production Technology, Technology of Building and Structure Erection, New Technologies in Construction, Building Reconstruction Technology, Organization and Planning in Construction, Construction in Regional Soil Conditions, Fundamentals of Scientific Research, Foundations and Footings: Modeling, Calculation, and Design
2007-2025	Employment: Full-time
Previous jobs in educational institutions:	
1980-2007	Lecturer, Senior Lecturer, Associate Professor, KarSTU
	Construction Production Technology – 1,2,3, Geotechnics – 1,2, Technology of Building and Structure Erection, Fundamentals of Scientific Research
1980-2007	Employment: Full-time
Non-academic:	
1974-1980	Master, Foreman, Site Manager, ShDSK
	Employment: Full-time
Professional development:	
2020-2025	Certificates:
12.08.2024-24.08.2024	Foundations and Footings: Design, Construction, Supervision, LLP "Vershina", Ekibastuz
14.08.2023-26.08.2023	Planning, Organization, and Management of Building and Structure Erection Technologies, LLP "Vershina", Ekibastuz
03.07.2023-14.07.2023	Technology of Building and Structure Erection, Technology of Zero-Cycle Construction, Building Design in Complex Soil Conditions, Center for Training and Retraining of Personnel of the Heat and Energy Complex, Ekibastuz
17.07.2023-28.07.2023	Fundamentals of Organization and Management in Construction, Modeling in Organizational and Technological Design, Center for Training and Retraining of Personnel of the Heat and Energy Complex, Ekibastuz
Membership in Professional Organizations:	
2010-2020	Nur Otan
Awards and Honors:	
2017-2025	Honorary Citizen of Kazakhstan (2017), Letter of Appreciation from the Akim of Ekibastuz (2017), Honorary Professor of the Institute of Economics and Finance (Bishkek, 2019), Academician of the National Academy of Mining Sciences (2020)
Activity in the Service Sector:	

2016-2019	KuzSTU (Russia), Professor
Publications and Presentations:	
16.05.2025	Filatov A. V., Ishchanova A. S., Belyanina E. A. Inspection of the Technical Condition of the Columns of the Coal Processing Plant// Improving the Quality of Education, Modern Innovations in Science and Production. Ekibastuz, Prokopyevsk, 2025, pp. 138-141. (РИНЦ)
	Unaibaev B. Zh., Kosherova K. K., Smailova B. O. Strategy for Development of Territories Composed of Dusty Clay Soils of Various Types and Degrees of Salinity// Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 141-147. (РИНЦ)
	Unaibaev B. Zh., Kosherova K. K., Doctorov V. N., Shalabekov C. R. The Nature of Suffusion and Subsidence Deformations of Pulverized Clay Soils of Various Types and Degrees of Salinity under Anthropogenic Influence// Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 147-155. (РИНЦ)
	Sakanov K. T., Unaibaev B. Zh., Ishchanova A. Sh. Systematic and Comprehensive Approach to Solving the Problem of Construction and Operation of Facilities on Saline Dusty Clay Soils// Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 250-254. (РИНЦ)
	Unaibaev B. Zh., Kim E. E., Kanaeva T. A. Qualitative and Quantitative Assessment of Suffusion and Structural Instability of Saline Dusty Clay Soils in Construction// Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 261-267. (РИНЦ)
	Unaibaev B. Zh., Dedkov D. P., Unaibaeva R. Kh. Methodology for Detecting Suffusion and Structurally Unstable Zones in Territories Composed of Saline Dusty Clay Soils. Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 267-269. (РИНЦ)
	Unaibaev B. Zh., Dainova Zh. Kh., Ishchanova A. Sh., Arynov D. S. On the Classification of Salinity and Aggressiveness of Soils and Groundwater//Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 269-275. (РИНЦ)
	Unaibaev B. Zh., Eskendirov D. B., Sansyzbay M. M. Optimization of the Scope of Engineering Surveys on Saline Dusty Clay Soils//Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 275-279. (РИНЦ)
	Unaibaev B. Zh., Unaibaev B. B., Serik M. Fundamental Principles, Provisions, and Criteria for Assessing the Risk of Suffusion and Structural Instability of Saline Dusty Clay Soils in Foundations//Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 279-280. (РИНЦ)
	Unaibaev B. Zh., Tyulebaev M. S., Zhengulov Zh. R. Features of Surveys in Territories Composed of Saline Dusty Clay Soils// Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 280-287. (РИНЦ)
	Unaibaev B. Zh., Sakanov K. T., Zhaniya K. Zh. Construction on Suffusion and Structurally Unstable Soils Subject to Flooding by Anthropogenic Waters//Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 287-292. (РИНЦ)
	Unaibaev B. Zh., Sakanov K. T., Zhukenova G. A. Foundations in Saline Dusty Clay Soils//Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 292-296. (РИНЦ)

	Unaibaev B. Zh., Dainova Zh. Kh., Osipova A. K. Pile Foundations in Dusty Clay Soils of Various Types and Degrees of Salinity. Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 296-302. (РИНЦ)
16.05.2024	Unaibaev B. Zh., Unaibaev B. B., Ibraeva S. Zh., Zhakimbekov R. S. Experience of Large-Scale Development of Territories Composed of Dusty Clay Soils of Various Types and Degrees of Salinity. Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2024, pp. 209-213. (РИНЦ)
	Unaibaev B. Zh., Unaibaev B. B., Kim E. E., Kanaeva T. A., Atkonova K. N. Physicochemical Nature of Deformation of Saline Dusty Clay Soils under Anthropogenic Impact// Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2024, pp. 202-209. (РИНЦ)
	Unaibaev B. Zh., Unaibaev B. B., Zainishev A. B., Unaibaeva R. Comprehensive Solution to the Problem of Pile Foundation Installation in Dusty Clay Soils of Various Types and Degrees of Salinity// Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2024, pp. 199-202. (РИНЦ)
	Unaibaev B. Zh., Unaibaev B. B., Tyulebaev M. S., Dedkov D. P., Eskendirov D. B. Optimization of Foundation Technology in Dusty Clay Soils of Various Types and Degrees of Salinity//Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, 2024, pp. 194-199. (РИНЦ)
	Unaibaev B. Zh., Unaibaev B. B., Abeuova A. A. Causes of Development of Hazardous Settlements of Buildings on Dusty Clay Soils of Various Types and Degrees of Salinity//Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2024, pp. 190-194. (РИНЦ)
12.05.2023	Unaibaev B. Zh., Unaibaev B. B., Kim E. E., Tishchenko E. V. Concrete for Cast-in-Place Piles in Saline Dusty Clay Soils. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the// Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, 2023, pp. 225-227.
	Unaibaev B. Zh., Unaibaev B. B., Ishchanova A. Sh., Atkonova K. N. Surveys for the Construction of Buildings and Structures on Carbonate Dusty 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. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2023, pp. 227-231.
	Unaibaev B. Zh., Unaibaev B. B., Kanaeva T. A., Doctorov V. N. Ways to Solve the Problem of Costly Construction on Saline Dusty Clay Soils. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2023, pp. 234-241.
	Unaibaev B. Zh., Unaibaev B. B., Smailova B. O., Eskendirov D. B. Features of Engineering Hydrogeochemical Surveys of Carbonate-Type Saline Dusty Clay Soils. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2023,

	pp. 231-234.
	Unaibaev B. B., Unaibaev B. Zh., Tyulebaev M. S., Kappasov E. U. Effectiveness of Implementing Proactive Design and Technological Solutions in the Development of Territories Composed of Saline Dusty Clay Soils. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2023, pp. 241-245.
	Unaibaev B. Zh., Unaibaev B. B., Zainishev A. B., Dedkov D. P. Installation of Bored Cast-in-Place Pile Foundations in Saline Dusty Clay Soils of Carbonate-Type Salinity. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2023, pp. 245-251.
16.05.2022	Unaibaev B. B., Unaibaev B. Zh., Kim E. E., Zhambulatov D. E. Ways to Solve the Problem of Costly Construction on Saline Dusty Clay Soils in Kazakhstan. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2022, pp. 392-395.
	Unaibaev B. B., Unaibaev B. Zh., Doctorov V. N., Em V. A. Formation and Distribution of Salts in Soils and Groundwater in Kazakhstan. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2022, pp. 395-399.
	Unaibaev B. B., Unaibaev B. Zh., Smailova B. O., Mendibay B. A. Summary Results of Field Survey of Soils and Concrete of Foundation Structures Operating in Saline Dusty Clay Soils Flooded by Aggressive Waters. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2022, pp. 399-401.
	Unaibaev B. B., Unaibaev B. Zh., Kanaeva T. A., Nurgaliev K. K. Critical Analysis of Known Methods for Protecting Concrete Piles from Corrosion. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2022, pp. 401-405.
	Unaibaev B. B., Unaibaev B. Zh., Eskendirov D. B., Tyulebaev M. S. Specifics of Interaction between Aggressive Water-Salt Soil Environment (AWSSE) and Concrete. Improving the Quality of Education, Modern Innovations in Science and Production. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2022, pp. 405-408.
New Scientific Developments:	
06.01.2025 – 31.12.2027	Research Topic: Surveys, Design, and Construction on Saline Dusty Clay Soils. Contract with LLP "Agro-Service," 2025–2027.
10.01.2022 - 31.12.2024	Research Topic: Development of Recommendations for the Construction of Protective and Load-Bearing Silicate Casings of Bored Cast-in-Place Piles in Saline Dusty Clay Soils, 2024.

2023	Research Topic: Research Work on the Assessment of Rock Masses and Development of Optimal Support Parameters for the Conditions of the Almaz-Zhemchuzhina Deposit of the Donskoy Mining and Processing Plant, 2023.
2020	Research Topic: Recommendations for the Design and Construction of Protective and Load-Bearing Casings of Bored Cast-in-Place Piles Constructed in Saline Dusty Clay Soils / SATP University of Mining and Technology, Ekibastuz, 2020.
Additional Information:	
	Ubks52@mail.ru, mobile: 8705-712-4021