

Appendix 19. Personnel reference book of the DP “Ecology” Ma

Full name (in full)	Spanov Meirkhan Zhantaevich E-mail: meir_filosof27@mail.ru ,		
Position	<i>Associate professor</i> Taught modules: M 1. History and Philosophy of Science		
Academic career	PhD in Philosophy 090003 - History of Philosophy	M. Kh. Dulati.Taraz State University	2003
Employment	PhD in Philosophy	M. Kh. Dulati Taraz State University.	2003-2020
	Department of Philosophy and Cultural Studies	Lecturer, Associate Professor, Head of the Philosophy Department, Taraz.	2021-2024
	Department of Philosophy	M. Auezov South Kazakhstan University, Head of the Department, Associate Professor. Shymkent.	2024 z. To the present day
Research and development projects over the past 5 years	Conducting research work on the theme “21-05-08 Philosophical foundations of the scientific paradigm of sustainable development in modern society”		
Industry collaboration over the past five years	The Specifics of Turkic Philosophy in World Philosophy. (Research Internship): 2023 -M. Ulugbek National University of Uzbekistan (Uzbekistan) Historical and Cultural Aspects of Central Asian Countries. Research Internship (Research Internship): 2023 - Navoi Pedagogical Institute (Uzbekistan)		
Patents and Copyright certificates	-		
Key publications over the past five years	<ol style="list-style-type: none"> 1. The cultural phenomenon of hagiographic mythology in the christian tradition. European Journal of Science and Theology, October 2021, Vol.17, No.5, 71-78. 2. Influence of Socio-Organizational and Personal Resources of the Employee on the Positive Perception of Work. Academic Journal of Interdisciplinary Studies. Vol 12 No 4 July 2023. https://doi.org/10.36941/ajis-2023-0093 3. The problem of generation and time in philosophy and ordinary consciousness. Philosophy, cultural studies, political science series. No.3. 2022 https://bulletin-philospolit.kaznu.kz. https://doi.org/10.26577/jpcp.2022.v81.i3.04 4. Bloom's Taxonomy as a tool for achieving success in teaching philosophy. Bulletin of the Karaganda University. No.4 (112) 2023. -263-273 pp. (HAC). https://doi.org/10.31489/2023ph4/263-273 5. History of public catering in uzbekistan at the end of the 19th century beginning of the 20th c. Vol. 1 No. 3 (2024): Journal of International science networks Journal of Contemporary World Studies: ISSN: 3030-3311 International Journal of Scientific and Applied Research 		
Activities in specialized organizations over the the past five years	Al-Farabi Kazakh National University. A member of the “Philosophy” subsection of the section 022 “Humanities” of the Republican Educational and Methodological Association from 2020 to the present.		

Full name (in full)	Zhorabekova Ainur Nazimbekovna E-mail: ainur.zhorabekova@aeuzov.edu.kz Scopus Author ID: https://www.scopus.com/authid/detail.uri?authorId=57218583969 Web of Science Researcher ID: AAX-7110-2021 ORCID: https://orcid.org/0000-0003-2697-8077		
Position	<i>Associate professor</i> Taught modules: M 2. Foreign language (professional)		
Academic career	PhD Pedagogy and psychology	Kh.A. Yasavi International Kazakh-Turkish University, Turkestan city	2012-2015
	Foreign languages: two foreign languages	Shymkent Social and Pedagogical University, Shymkent	2004-2006
Employment	Senior lecturer of English language.	S. Seifullin Kazakh Agrotechnical University	2000-2006

	Acting head of the department acting associate professor	SILKWAY International University	
	Dean of the Pedagogical Faculty	International University of Tourism and Hospitality	2020-2021
	Associate professor of the department “English Language”	South Kazakhstan State Pedagogical University	
	Head of the department “Foreign language for technical specialties”	South Kazakhstan University named after M. Auezova	2022- to the present day
Research and development projects over the past 5 years	AP19175630 Development of the system for the formation of metasubject skills of elementary school students in the context of STEM education (under the “Young Scientist” project) ,2022-2024; AP19679648 Organization of volunteer activities to ensure a safe educational environment in the perspective of the healthy lifestyle of the youth of New Kazakhstan (SF MSHE RK) 2023-2025.		
Industry collaboration over the past five years	Internal mobility: O. Zhanibekov South Kazakhstan Pedagogical University (Shymkent) in 2023-2024.		
Patents and Copyright certificates	-		
Key publications over the past five years	Engineering Education: Problems of Modernization in the Context of a Competence Approach. International Journal of Engineering Pedagogy (Germany), 2021, 10(6), pp. 7-20 (Web of Sciences: Q2, Scopus: Education – 81) https://doi.org/10.3991/IJEP.V10I6.14043 Methodical system for formation of professional competences of a future foreign language teacher in conditions of distance learning. Frontiers in Education (Switzerland), 2023, 8, p. 1186908 (Web of Sciences: Q2, Scopus: Education – 62) https://doi.org/10.3389/feduc.2023.1186908 Comprehensive approach to training English communicative competence in chemistry. Open Education Studies (Poland), 2024, 6(1), P. 20240038 (Scopus: Social Sciences (miscellaneous) – 60, Education – 45) https://doi.org/10.1515/edu-2024-0038 Integrated Teaching Methodology in the Development of Foreign Language Professional Communicative Competence on the Discipline "Organic Chemistry" at Kazakhstan University. Frontiers in Education, 2025, 10, P. 1374165 (Web of Sciences: Q2, Scopus: Education – 62) https://doi.org/10.3389/feduc.2025.1374165		
Activities in specialized organizations over the the past five years	2018-2021, Expert at RNE “Republican Scientific and Practical Center “Textbook” MES RK 2021-2025, Temporary member of dissertation councils Abay KazNPU, KazUIRaWL 2023-2024, Member of the NSC “Research in the field of education and science” From 2024 to the present day, Member of the Educational and Methodical Department of the Republican Educational and Methodical Council at the Abylai Khan Kazakh University of International Relations and World Languages.		

Full name (in full)	Sakhiyeva Farida Abubakirovna E-mail: farida777-84@mail.ru SCOPUS ID 56610202700, Web of Science Researcher IDFVZ-8946-2022		
Position	<i>Doctor PhD</i> Taught modules: M 3. Management psychology		
Academic career	Pedagogy and methods of primary education	Taraz State University named after MH Dulati Master's degree, South Kazakhstan State University named after M. Auezov	2001-2005 2005-2007
Employment	Lecturer of the department “Psychology and Pedagogy” Associate professor of the department “General Pedagogy and Psychology”	Kazakhstan Engineering and Pedagogical University of Peoples’Friendship M. Auezov South Kazakhstan University	2006-2007 2007-to the present day

Research and development projects over the past 5 years	DP21682037 “Production of fiberglass products and tanks for installation of private sewage and septic tanks” URN 18574143 “Development and implementation of underground water purification technology and provision of drinking water for the population and agricultural enterprises”.
Industry collaboration over the past five years	“Optimistisch den Stress meistern“ Almaty, 04-05.11.2023, Al-Farabi Kazakh National University, Certificate w/n, 80 hours
Patents and Copyright certificates	“Social media as a means of socializing children with autism”. Certificate No. 50867 dated October 29, 2024 on entering information on the author(s) in the State Register of Rights to Copyrighted Works
Key publications over the past five years	1. Modern society and adolescents with deviant behavior. Abai Kazakh National Pedagogical University BULLETIN “Psychology” series, No. 1(62), 2020. P. 96-100 https://doi.org/10.51889/2020-1.1728-7847.18 2. Psychological health and psychosocial development of adolescents. Abai Kazakh National Pedagogical University BULLETIN “Psychology” series, No. 2(63), 2020. pp. 170-174 3. Cognitive style “Rigidity-flexibility of cognitive control” and the level intelligence indicators. BULLETIN OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN, No., 2021, pp. 306-3165. Studying the features of intellectual development of children in modern society. Abay Kazakh National Pedagogical University. BULLETIN “Psychology” Series, No. 1(74), 2023. doi 10.51889/1728-7847.2023.1.74.008 doi 10.51889/1728-7847.2023.1.74.012 10.51889/2959-5967.2024.78.1.015 https://bulletin-psychology.kaznpu.kz/index.php/ped/article/view/1758/826 1. Relationships of emotional support and emotional intelligence in alcohol dependent people. Journal of behavioral addictions Volume 12, Page 350-350 2. Psychological correction of self-attitude of boys and girls with eating disorders. Journal of behavioral addictions V. 11 , pp.272-272 Jul 2022
Activities in specialized organizations over the the past five years	Expert in the preparation of the educational program 8D03105 - Psychology at Abay Kazakh National pedagogical university, 2022.

Full name (in full)	Suleymenova Aliya Anuarbekovna E-mail: gulbaur@mail.ru		
Position	<i>PhD in Pedagogy</i> Taught modules M 4. Pedagogy and psychology of higher education		
Academic career	<i>PhD in Pedagogy</i> “Pedagogy and methods of primary education”.	Shymkent Pedagogical Institute	1986 1990
Employment	Lecturer	Shymkent Pedagogical Institute of Culture, Shymkent	1992-1995
	Senior lecturer, PhD of the department “General pedagogy and psychology”	M. Auezov South Kazakhstan University	1995-to the present day
Research and development projects over the past 5 years	-		
Industry collaboration over the past five years	“The improvement ways of the professional training of practical psychologists and pedagogues-psychologists in an innovative educational environment” M. Auezov SKU, Shymkent, 20.01.-30.01.2024, 90 hours Certificate no number.		
Patents and Copyright certificates	-		
Key publications over the past five years	1. Spiritual development as a factor of professional and personal qualities of modern students. Journal of intellectual disability - Diagnosis and Treatment, 2021, 9, 90-96. 2. Formation of political culture of youth: value orientations and innovative approaches. Bulletin of Karaganda University, Pedagogy series. No.1(81)/, pp.70-76.		

	<p>3. Socio-psychological and educational mechanisms of strengthening interethnic relations in modern society. Bulletin of Karaganda University, Pedagogy series. No.2(82)/ P.54-60.</p> <p>4. Formation of future teachers' readiness to educate schoolchildren in a healthy way of life. International popular scientific journal "Science and Life of Kazakhstan", No. 6 (42), P. 28-31.</p> <p>5. Education of Kazakh patriotism on ideas of national pedagogy. Bulletin of Abay KazNPU, journal "Pedagogical Sciences", No. 3 (51), P. 137-141</p> <p>6. The problem of formation of psychological health in the system of general education. Bulletin of Karaganda University, Pedagogy series. No. 1(81)/ P. 70-76.</p>						
Activities in specialized organizations over the the past five years	<table border="1"> <thead> <tr> <th><i>Organization</i></th> <th><i>Role</i></th> <th><i>Period</i></th> </tr> </thead> <tbody> <tr> <td>-</td> <td></td> <td></td> </tr> </tbody> </table>	<i>Organization</i>	<i>Role</i>	<i>Period</i>	-		
<i>Organization</i>	<i>Role</i>	<i>Period</i>					
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Full name (in full)	Shingisbaeva Zhadra Atirkhankyzy E-mail: Zhadra.Shingisbaeva@auezov.edu.kz SCOPUS ID 57203806270, https://orcid.org/0000-0002-2846-9252		
Position	<i>Professor</i> Taught modules: M 15. Research practice, M 8, M 14, M 21, M 22 Research work of a master's student, including internship and completion of a master's thesis, M 23. Preparation and defense of a master's thesis		
Academic career	<i>Environmental engineer</i> <i>17.03-Applied ecology</i>	M. Auezov South Kazakhstan State University, Ministry of Education and Science of the Republic of Kazakhstan	<i>2000</i> <i>2007</i> <i>2011</i>
	<i>Master of techniques and technology</i> <i>PhD of Engineering</i> <i>25.00.36-Geoecology</i> <i>Associate Professor of Ecology</i>		
Employment	Lecturer, Senior lecturer, Associate professor, Professor, Head of the department of Ecology, Professor of the department of Ecology	M. Auezov South Kazakhstan State University	2000-to the present day
	Director of the Rae Kwon Chung Center for New Climate Economics and Sustainable Development		2023- to the present day
Research and development projects over the past 5 years	Senior researcher, Contract No. 203-10, March 3, 2017, "Improving the Technology for Cleaning Gases from Aerosols"(2017). Senior researcher, Contract No. 03-15/2017, "Development of the technology for Recycling Distillate Liquid Using Natural Sodium Sulfate from the Aral Sea Region." Researcher-lecturer, ERASMUS+ Project "Economics, Ecology, and Infrastructure at High-Speed Railways," 598817-EPP-1-2018-1-DE-EPPKA2-CBHE-JPEEIHRS		
Industry collaboration over the past five years	1. Internship abroad at the Beijing University of Chemical Technology (Beijing, China), May 11, 2018 – May 18, 2018. 2. "Chemical Expertise of the Soil-Biotechnogenic Complex" at the A.D. Sakharov International State Ecological Institute of BSU, May 7, 2018 – May 19, 2018. 3. Internship abroad at the European Academy of Natural Sciences (Düsseldorf, Germany), November 30, 2016 – December 12, 2016.		
Patents and Copyright certificates	Copyright certificates on the themes "Ekology and sustainable development", "Rational use of natural resources" No. 2248, No. 2249, No. 2435 dated July 3.		<i>2018</i>
Key publications over the past five years	1. Thermodynamic assessment of technogenic safety of chemical and technological processes "Bulletin of Shakarim State University, Semey" No. 1(85)2019. 2. The significance of elements in the soil composition of the Lenger region of the South Kazakhstan region for agricultural products and the human body "Bulletin of Shakarim State University, Semey" No. 1(85)2019.		

	<p>3. Polymeric Coatings Based on LDPE and Taurit: Preparation, Structure, and Mechanical Properties // Journal of Pipeline Systems Engineering and Practice Volume 11, Issue 1, 1 February 2020.</p> <p>4. Determination of environmental consequences from production processes of motor transport enterprises // EurAsian Journal of BioSciences Eurasia J Biosci 13, 167-176 (2019);</p> <p>5. Polymeric coatings based on ldpe and taurit - preparation, structure and mechanical properties // Chem. Ind. Chem. Eng. Q. 25 (4) 395–402 (2019).</p>
Activities in specialized organizations over the the past five years	Executor of the international project INTC “Bactericidal and zeolite filters for cleaning and disinfection of drinking water” participating countries: Georgia, Armenia, collaborators Japan, USA, Greece, Bulgaria, Sweden, Australia).

Full name (in full)	Iztleuov Gani Moldakulovich E-mail: gani5@mail.ru SCOPUS ID 57210570256, https://orcid.org/0000-0002-5722-342X
Position	<i>Professor</i> Taught modules: M6.1 Ecological monitoring of harmful chemical compounds - superecotoxicants, M6.2 Digitization in ecology and nature management, M13.1 Green technologies in production and transport, M13.2 Ecological control and monitoring of natural-technological ecosystems, M 15. Research practice, M 8, M 14, M 18, M 21, M 22 Master's research work, including the internship and completion of the master's thesis, M 23. Preparation and defense of the master's thesis
Academic career	<i>PhD in Chemical sciences</i> Kh.A. Yasawi International Kazakh-Turkish 200-2003 <i>Electrochemistry</i> University, Turkestan city <i>General ecology</i> Kh.A. Yasawi International Kazakh-Turkish University, Turkestan city
Employment	Lecturer, Senior lecturer, Kh.A. Yasawi International Kazakh-Turkish 2002- Associate professor , University, Turkestan city 2012 Professor of “Ecology” M. Auezova South Kazakhstan University. 2013-to the present day
Research and development projects over the past 5 years	DP21682037 “Establishment of the Production Fiberglass Product and Tanks for Installing Private Sewage and Septic Systems” URN 18574143 “Development and Implementation of Groundwater Purification Technology and Provision of Drinking Water to the Population and Livestock of Agricultural Enterprises.”
Industry collaboration over the past five years	Research internship: November, 2023 - Izmir University of Technology (Türkiye)
Patents and Copyright certificates	Author's certificate - January 16, 2024 No. 42080 Features and regularities of the mechanism for selective extraction of salt ions from water by polyamide membranes.
Key publications over the past five years	1. Hydrogel based on starch, acrylamide and kaoline. Rasayan Journal of Chemistry, 2024, 17(3), pp. 848–854, http://doi.org/10.31788/RJC.2024.1738844 Modeling the Structure and Diffusion of Porous Layers. Water (Switzerland). 16(1). 172(2024), DOI 10.3390/w16010172. 2. Theoretical Researching of Particle Movement in Cleaning Zone of Dust-Arrester. Polish Journal of Environmental Studies, 2023, 32(4), pp. 3007–3014 DOI 10.15244/pjoes/163341 3. Ecologically Friendly, Slow-Release Granular Fertilizers with Phosphogypsum. Polish Journal of Environmental Studies, 2022, 31(3), pp. 2935–2942 DOI 10.15244/pjoes/144099 4. Low-Basicity Cement, Problems and Advantages of its Utilization. Refractories and Industrial Ceramics, 2021, 62(4), pp. 369–374, https://doi.org/10.1007/s11148-021-00610-8
Activities in specialized organizations over the the past five years	Academic secretary of the Dissertation Council at M. Auezov South Kazakhstan University in the direction of personnel training (specialty doctoral course) 8D05210 (6D060800) – “Ecology””, from 2023 to the present day

Full name (in full)	Kenzhibayeva Gulmira Sovetovna E-mail: gulmirasovet@mail.ru
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	SCOPUS ID 57194765048 https://orcid.org/0000-0001-6494-835X		
Position	<i>Professor</i> Taught modules: M5 Methodology of teaching profile disciplines, M20.1 Ecologically safe technologies in production, M20.2 Water resources management, M12.1 Study of the latest achievements in the field of waste processing, M12.2 Modern methods and means of measurement in ecology, M 15. Research practice, M 8, M 14, M 21, M 22 Research work of the master's degree, including passing of training and completion of master's thesis, M 23. Formation and protection of master's thesis		
Academic career	<i>Associate professor of Chemical technology</i>	By the decision of the CCES and MES RK	2024
	<i>PhD in Engineering Chemical Engineering</i>	M. Auezov South Kazakhstan State University, Shymkent	2002
	<i>Environmental engineer-technologist of Environmental protection and rational use of natural resources</i>	Kazakh Institute of Chemical Technology, Shymkent	1994
	<i>Economist-accountant</i>	Republican Institute for Retraining of Accounting and Auditing Personnel, Shymkent	1995
	<i>Bachelor in Law</i>	Miras University, Shymkent	2014
	<i>Bachelor in Chemistry</i>	M. Auezov South Kazakhstan State University, Shymkent	2023
Employment	Position Head of the credit technology sector at EMM, Head of the career department, Head of the department “Water Resources, Land Use, and Agricultural Engineering”, Associate professor of the department “CTIS”, Dean of the higher school “Textile and Food Engineering”, Professor	<i>Employer</i> M. Auezov South Kazakhstan State University, Shymkent	<i>Period</i> 1994-to the present day
Research and development projects over the past 5 years	AP09261075 “Development of the Regional Food Hub Model as a Horizontally Integrated Structure to Ensure Food Security (using the example of the Turkestan Region Meat Cluster)” AP26198817 “Integrated Processing of Large-Capacity Mining and Processing Tailings with Extraction of Non-Ferrous Metals”		
Industry collaboration over the past five years	March 1–May 25, 2022: Research Internship under the Bolashak Scholarship Program, “Management in Education and Science. Strategic Management and Leadership in Higher Education. University Management” (UK, University of Central Lancashire Preston), Certificate dated May 25, 2022. September 30–October 11, 2024: “Management in Education: Teaching and Learning Strategy,” Excellent Educational Centre (Certificate No. 653 dated October 11, 2024)		
Patents and Copyright certificates	Copyright certificate No. 48234 dated July 9, 2024. Textbook “Environmental Protection Technology” Copyright certificate No. 38634 dated August 28, 2023 “Technology for wastewater treatment at industrial sites”		
Key publications over the past five years	1. Comparison of the Quality of Gas Equipment at Metallurgical and Coke-Chemical Enterprises and Production Plants. Pol. J. Environ. Stud. Vol. 33, No. 5 (2024), 1-10. DOI: 10.15244/pjoes/177442 2. Theoretical Researching of Particle Movement in Cleaning Zone of Dust-Arrester, Pol. J. Environ. Stud. Vol. 32, No. 4 (2023), 1-8. DOI: 10.15244/pjoes/163341 3. Mathematical description of the process of film condensation of vapors from steam-gas mixtures // RASAYAN J. Chem. Vol. 15(3), 1905-1915, 2022		

Full name (in full)	Abduova Aisulu Alshinbekovna E-mail: Aisulu.Abduova@aezov.edu.kz SCOPUS ID 55235102500, https://orcid.org/0000-0002-2357-626X		
Position	<i>Associate Professor</i> Taught modules: M18.1 Environmental Risk Assessment and Management, M18.2 Biological Diversity of Ecosystems and Urban Systems of the Republic of Kazakhstan, M16.1 International Cooperation in Environmental Protection, M16.2 Modern Remote Sensing Methods in Environmental Research, M19.1 Environmental Standardization, Certification, and Licensing,		

	M19.2 Methodology of Scientific, Creative, and Inventive Activity, M15. Research Internship, M8, M14, M21, M23. Master's Student Research, Including Internship and Completion of a Master's Thesis, M23. Preparation and Defense of Master's Thesis		
Academic career	<i>PhD in technical sciences</i> <i>Land reclamation, recultivation, and conservation</i> <i>Ecological engineer</i> <i>Applied Ecology of Water and Agriculture</i>	M.Kh. Dulati Taraz State University, Taraz city	2010 1995-2000
Employment	Lecturer, Senior lecturer of the department “Ecology” Deputy dean for research and innovation of the higher school “Chemical Engineering and Biotechnology” Head of the department “Ecology”	M. Auezov South Kazakhstan University	2004- to the present day
Research and development projects over the past 5 years	1. Project performer of the Program-Targeted Financing of Scientific and/or Scientific-Technical Programs for 2023-2025 - BR18574143-OT-24 “ Integrated Development of Sustainable Construction Industry: Innovative Technologies, Production Optimization, Efficient Use of Resources, and Creation of the Technology Park. ” 2. Project manager for Grant Financing of Scientific and/or Scientific-Technical Projects for 2024-2026 of the Ministry of Education and Science of the Republic of Kazakhstan “Development of Innovative Technologies for Eco-Structural Modules for Urban Rehabilitation” No. 259-GF dated September 9, 2023.		
Industry collaboration over the past five years	Research internship: June 17, 2021–July 24, 2021 – “Theory and Practice of Scientific and Pedagogical Approaches in Education,” ISMA University, Latvia. May 25, 2024–November 25, 2024 – Research internship under the Bolashak program- 500-Scientists, University of Illinois at Urbana-Champaign, USA.		
Patents and Copyright certificates	Patent of the Republic of Kazakhstan for a utility model / Parent for utility model RK No. 7445 September 16, 2022. Apparatus for growing <i>Arabidopsis thaliana</i> L. plants by hydroponics, 2022.		
Key publications over the past five years	1. COENOFLOA OF SPIRAEANTHUS SCHRENKIANUS (Fisch. And C.A. Mey.) Maxim.A. SABRAO Journal of Breeding and Genetics- Kochi ,Japan, 2022. –Volume 54,Issue1, pp.184-192. http://doi.org/10.54910/sabrao2022.54.1.1 2. Separation of water systems containing surfactants. Rasāyan journal of chemistry-Jaipur, India , 2022.- Volume 2022 (Special Issue), pp.233-238. DOI: 10.31788/RJC.2022.1558200 3. Man-Made Raw Materials for the Production of Composite Silicate Materials Using Energy-Saving Technology. Journal of Composites Science- Basel, Switzerland,2023. –Volume 7,Issue 3, pp.19-23. https://doi.org/10.3390/jcs7030124 4. Utilizing biofilm-enhanced coconut coir for microplastic removal in wastewater. Case Studies in Chemical and Environmental Engineering- Ingolstadt , United Kingdom , 2024.-Volume 9, 100726. https://doi.org/10.1016/j.csee.2024.100726 5. Improving the Methods of Solid Domestic Waste Disposal to Reduce Its Human Impact on the Environment. Sustainability (Switzerland) – Basil, Switzerland, 2024, -Volume16, Issue 24, 11071DOI: 10.3390/su162411071		

Full name (in full)	Bektureyeva Gulzhan Ustemirovna E-mail: gulzhan.bektureeva@auezov.edu.kz SCOPUS ID 55235102500, https://orcid.org/0009-0002-7135-3498
Position	<i>Associate Professor</i> Taught modules: M11.1 Environmental Impact Assessment, M11.2 Environmental Assessment and Mapping of the Southern Region, M9 Teaching Internship, M15 Research Internship, M8, M14, M18, M21, M22 Master's research work, Including Internship and Master's Thesis, M23 Preparation and Defense of the Master's Thesis
Academic career	<i>PhD in Technical Sciences</i> <i>Colloid Chemistry and Physico-chemical mechanics</i> M. Auezov South Kazakhstan State University, Shymkent 2001 Kazakh Chemical-Technological Institute, Shymkent

	“ <i>Environmental Protection and Rational Use of Natural Resources</i> ” Process engineer	1996
Employment	Senior Lecturer of the department “General Biology and Ecology” Associate Professor of the department “Life Safety and Environmental Protection” Associate Professor of the department “Ecology”	Khoja Akhmed Yassawi International Kazakh-Turkish University. 2003-2010 M. Auezov South Kazakhstan University from 2010 to 2022 M. Auezov South Kazakhstan University 2022 to the present day
Research and development projects over the past 5 years	Research associate of the project of the Non-profit Joint-Stock Company “K.I. Satpayev Kazakh National Research Technical University” within the framework of the budget program 217 “Development of Science”, subprogram 101 “Program-targeted financing of subjects of scientific and/or scientific and technical activity” under the program: URN BR21882292 “Integrated development of the sustainable construction industry: innovative technologies, production optimization, efficient use of resources and creation of the technology park.”	
Industry collaboration over the past five years	Jizzakh Polytechnic Institute, the department “Ecology and Environmental Protection”	
Key publications over the past five years	<p>1. Theoretical Researching of Particle Movement in Cleaning Zone of Dust-Arrester <i>Polish Journal of Environmental Studies.</i>, 2023, 32(4), pp. 3007–3014 DOI10.15244/pjoes/163341</p> <p>2. Environmental Assessment of Solid Waste Pollution of Urban Areas (on the example of Shymkent, Republic of Kazakhstan) <i>Evergreen</i> 2023, 10(3), pp. 1209–1217 DOI 10.5109/7148441</p> <p>3. Optimization of verification and repair processes of measurements used in control of hazardous and noxious production factors at food industry enterprises of turkestan region using mathematical methods and software algorithms <i>ARPN Journal of Engineering and Applied Sciences</i> 2022, 17(9), pp. 976–991 ISSN1819 www.arpnjournals.com</p> <p>4. Development of food wastes utilization technology. <i>News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences</i> (2017) pp. 227- 237.</p>	

Full name (in full)	Isaeva Raziya Adilbekovna E-mail: razia_68@mail.ru SCOPUS ID 55235102500, https://orcid.org/0000-0002-2357-626X		
Position	<i>Professor of Ecology</i> Taught modules: M10.1 Current problems of geocology and landscape ecology, M10.2 Rational use of natural resources, M 8, M 14, M 18, M 21, M 22 Research work of a master's student, including internship and completion of a master's thesis, M 23. Preparation and defense of the master's thesis		
Academic career	PhD in Technical Sciences 25.00.36-Geocology	M. Auezov South Kazakhstan State University	2005
	Process engineer-chemist, Technology of inorganic substances.	Kazakh Chemical Technological Institute, Shymkent city	1991
Employment	Laboratory Assistant of the Department Environmental Protection Department Engineer, Department I Senior Lecturer Associate Professor, Department Head of the Department of Ecology Department Professor	M. Auezov South Kazakhstan University	1993-to the present day
Research and development projects over the past 5 years	Departmental Project Funded by the State Budget SB-16-04-08 “Sustainable Development and Green Technologies of the Southern Region of Kazakhstan” for 2021–2025		

Industry collaboration over the past five years	Tashkent Institute of Chemical Technology. Certificate of advanced training No. 004515022024, 2024
Patents and Copyright Certificates	Consideration of the assessment system of water resources pollution of Shymkent city through living nature factors. CERTIFICATE on entering information into the state register of rights to copyrighted objects May 12, 2022 No. 25970
Key publications over the past five years	<ol style="list-style-type: none"> 1. Polish Journal of Environmental Studies Pol. J. Environ. Stud. Vol. 31, No. 2 (2022), 1-9 Assessment of Soil Contamination by Heavy Metals: A Case of Turkistan Region. 2. Environmental Assessment of Solid Waste Pollution of Urban Areas (on the example of Shymkent, Republic of Kazakhstan). EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10, Issue 03, pp00-00, September 2023. 3. Environmental Assessment of Solid Waste Pollution of Urban Areas (on the example of Shymkent, Republic of Kazakhstan)EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 10, Issue 03, pp00-00, September 2023 4. Investigation of Production Wastes Upon Roasting Mechanically Activated Phosphorite and Utilisation of Fluorine CompoundsEVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 11, Issue 01, pp214-224, March, 2024 5. Problems of waste disposal in the Republic of Kazakhstan and ways to solve them. Materials of the VIII International Scientific-Practical Conference Integration of the Scientific Community To the Global Challenges of Our Time
Activities in specialized organizations over the the past five years	“Centre Daryn”, Expert 2024 Shymkent city
	Admissions Committee Member annually for the Master’s and Doctoral Programs in Ecology

Full name (in full)	Sagitova Guzaliya Faritovna E-mail: guzalita.fl978@mail.ru SCOPUS ID 56764468200, https://orcid.org/0000-0001-7913-7453												
Position	<i>Professor</i> Taught modules: M17.1 Expertise and Monitoring of Environmental Safety in Nature Management, M17.2 Ecosystem Studies of Biological Resources, M8, M14, M21, M22 Master's Research Project, Including Internship and Master's Thesis, M23. Preparation and Defense of the Master's Thesis												
Academic career	<table border="0"> <tr> <td>Associate professor in Chemical Technology</td> <td>By the decision of the Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan M. Auezov South Kazakhstan University, Shymkent</td> <td>2021</td> </tr> <tr> <td>PhD in Technical Sciences Geocology</td> <td></td> <td>2007</td> </tr> <tr> <td>Process Engineer – Chemist Technology of rubber and elastomer processing</td> <td></td> <td>2000</td> </tr> <tr> <td>Bachelor in natural Sciences EP 6B05201 – Ecology</td> <td>Central Asian Innovative University, Shymkent</td> <td>2024</td> </tr> </table>	Associate professor in Chemical Technology	By the decision of the Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan M. Auezov South Kazakhstan University, Shymkent	2021	PhD in Technical Sciences Geocology		2007	Process Engineer – Chemist Technology of rubber and elastomer processing		2000	Bachelor in natural Sciences EP 6B05201 – Ecology	Central Asian Innovative University, Shymkent	2024
Associate professor in Chemical Technology	By the decision of the Committee for Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan M. Auezov South Kazakhstan University, Shymkent	2021											
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Process Engineer – Chemist Technology of rubber and elastomer processing		2000											
Bachelor in natural Sciences EP 6B05201 – Ecology	Central Asian Innovative University, Shymkent	2024											
Employment	<table border="0"> <tr> <td>Engineer</td> <td>JSC “Khimpharm”, Shymkent</td> <td>2003-</td> </tr> <tr> <td>Senior lecturer, Administrator IPGE, Deputy lirector of IPGE, Associate professor, Professor</td> <td>M. Auezov South Kazakhstan University</td> <td>2006</td> </tr> <tr> <td></td> <td></td> <td>2006-to the present day</td> </tr> </table>	Engineer	JSC “Khimpharm”, Shymkent	2003-	Senior lecturer, Administrator IPGE, Deputy lirector of IPGE, Associate professor, Professor	M. Auezov South Kazakhstan University	2006			2006-to the present day			
Engineer	JSC “Khimpharm”, Shymkent	2003-											
Senior lecturer, Administrator IPGE, Deputy lirector of IPGE, Associate professor, Professor	M. Auezov South Kazakhstan University	2006											
		2006-to the present day											
Research and development projects over the past 5 years	AR19679034 on the theme “Development of production technology of bitumen materials, road industry with the utilization of polymer waste in the technological process” (the performer of the republican project; manager: Doctor of Technical Sciences, Professor Syrmanova K.K., contract-agreement No. 224 / 23-25 dated 03.08.2023)												
Industry collaboration over the past five years	Certificate: “Internationalisation of higher education. Innovative approaches to teaching and learning”, 72 Academic hours, Brussels (Belgium), 18 June 2017												

Patents and Copyright Certificates	<ol style="list-style-type: none"> 2021 Patent for Utility Model of the Republic of Kazakhstan “Method for Separating Fatty Acids from Waste of the Oil and Fat Industry” No. 6932. 2023 Patent for Utility Model of the Republic of Kazakhstan “Method for Producing Tire Reclaimed Rubber” No. 8043. 2023 Patent for Utility Model of the Republic of Kazakhstan “Method for Hydrotreating Hydrocarbon Feedstock” No. 8776.
Key publications over the past five years	<ol style="list-style-type: none"> The investigation of physical and chemical properties of water solutions of polymers and their application in combination with drugs //Rasayan Journal of Chemistry, Vol. 14 No. 1 1-8 January - March 2021 ISSN: 0974-1496 e-ISSN: 0976-0083 CODEN: RJCABP (SCOPUS) Ecologically Friendly, Slow-Release Granular Fertilizers with Phosphogypsum //Polish Journal of Environmental Studies, Vol. 31, No. 3 (2022), 2935-2942 (SCOPUS) Electrochemical synthesis of zinc chelates in non-aqueous media //Rasayan Journal of Chemistry, Vol. 15 No. 1 612-618 2022 Studies of the Application of Electrically Conductive Composite Copper Films to Cotton Fabrics // Journal of Composites Science, 2022, 6, 349. https://doi.org/10.3390/jcs6110349, p.1-9 (SCOPUS) Modification of tyre rubber crumb with wastes of plant oil production// Advances in Polymer Technology Volume 2023, Article ID 6889286, 8 pages https://doi.org/10.1155/2023/6889286, p.1-8 (SCOPUS)

Full name (in full)	Tileuberdi Ayaulym Nurlankyzy email: 17tile@gmail.com Scopus ID 58204876700, https://orcid.org/0000-0002-2275-5493		
Position	<i>PhD Doctor</i> Taught modules: M7.1. Environmental Audit Organization, M7.2. Environmental Management, M8, M14, M21, M22. Master's Student Scientific Research, including an internship and master's thesis, M23. Preparation and defense of master's thesis		
Academic career	PhD Doctor of 8D05210-Ecology	M. Auezov South Kazakhstan University	2024
	Master of Natural science 6M060800-“Ecology”	L.N. Gumilyov Eurasian National University	2018
	Bachelor of Science in Natural Sciences, 6B060800 – Ecology	L.N. Gumilyov Eurasian National University	2015
Employment	Lecturer , Senior Lecturer	M. Auezov South Kazakhstan University	2024- to the present day
Research and development projects over the past 5 years	BR21882181 «Development of the production technology of high-performance materials based on mineral raw materials and man-made waste» Junior researcher, 2023-2025.		
Industry collaboration over the past five years	Internship at the International Ecological Institute (Minsk, Republic of Belarus) from May 11, 2022 to June 11, 2022 on the theme “Research of environmentally friendly technologies for the production of heavy metals from slag waste”		
Patents and Copyright Certificates	<ol style="list-style-type: none"> Utility Model Patent RK No. 7894, March 24, 2023. Method for processing lead-containing slags Utility Model Patent RK No. 9772, November 15, 2024. Method for agglomerating phosphate raw materials 		
Key publications over the past five years	<ol style="list-style-type: none"> Studies of physicochemical bases and optimization of environmentally safe technology of lead production waste recycling. urnal of Ecological Engineering – Lublin, Poland, 2023.-Volume 24, Issue 9, pp. 293–301. https://doi.org/10.12911/22998993/169183 Mathematical approach to solving the problem of waste-free processing of metallurgical wastes. Polish Journal of Environmental Studies – Olsztyn, Poland, 2024. -Volume 33, Issue 4, pp. 5887-5892. https://doi.org/10.15244/pjoes/183431 		

	<p>3. Improving the methods of solid domestic waste disposal to reduce its human impact on the environment. Sustainability (Switzerland) – Basel, Switzerland, 2024, 16(24), 11071. https://doi.org/10.3390/su162411071</p> <p>4. Investigation of the process of agglomeration of phosphorites using phosphate-siliceous shales and oil sludge. The open chemical engineering – Sharjah, U.A.E., 2024, -Volume 18, e1874123133123 https://doi.org/10.2174/0118741231331231240731153013</p> <p>5. Mathematical modeling of sorptive extraction of lithium chloride from lithium-containing brine of the Aral sea region. The open chemical engineering – Sharjah, U.A.E., 2024, -Volume 18, e18741231333549 https://doi.org/10.2174/01187412313335492409090708331</p>		
<p>Activities in specialized organizations over the the past five years</p>	<p>M. Auezov South Kazakhstan University</p>		<p><i>2020 to the present day</i></p>