

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I. SATPAEV**

**List of scientific publications in international peer-reviewed journals
indexed in Scopus and Web of Science
Kozhaev Zhenis Tursunalievich**

Author Identifiers:

Scopus Author ID: 57193537613 / 59658859800

Web of Science Researcher ID: AAH-5111-2019

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№ n/a	Title of the publication	Type of publication	Journal Title, Year of Publication, DOI	Journal Impact Factor, Quartile, and Subject Area according to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection	Journal Cite Score, Percentile, and Subject Area according to Scopus for the year of publication	Full names of the authors (underline the name of the applicant)	Role of the candidate
1	2	3	4	5	6	7	8	9
1	New approach to zone division of surface of the deposit by the degree of sinkhole risk	article	Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu № 6, 2019, P. 31-35 https://doi.org/10.29202/nvngu/2019-6/5	-	-	CiteScore 1.5, Geotechnical Engineering and Engineering Geology – 45% percentile	B.B.Sadykov, Zh.D.Baygurin, A.A.Altayeva, <u>Zh.T.Kozhaev</u> , W.Stelling	co-author
2	Analysis of the displacements of pipeline overpasses based on geodetic	article	Geodesy and Geodynamics. Vol.13, II, 2022, P. 50-71,	IF 2.4, Geochemistry & Geophysics – Q2	ESCI	CiteScore 3.5, Geophysics – 64%	R.Shults, A.Annenkov, G.Seitkazina,	co-author

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	monitoring results		https://doi.org/10.1016/j.geog.2021.09.005				Zh.T.Kozhaev, S.Soltabayeva, A.Khailak, K.Nikitenko, B.Sossa, N.Kulichenko	
3	Result of reclamation of man-made dumps from phosphorite deposits in the semi-desert zone of Kazakhstan	article	PLoS ONE 20(2): e0317500, 2025, article number e0317500 https://doi.org/10.1371/journal.pone.0317500	(2023) IF 2.9, Multidisciplinary sciences – Q1	(2023) SCIE	(2023) CiteScore 6.2, Multidisciplinary – 89% percentile	A.Konysbayeva, Z.Yessimsiitova, M.Toktar, A.Mutushev, Y.Zhakypbek, S.Tursbekov, G.Tursbekova, <u>Zh.T.Kozhaev</u> , A.Kozhamzharova, S.Mombekov, S.Raheem	co-author
4	Complex Geodetic Monitoring of the Massive Sports Structures by Terrestrial Laser Scanning	article	Civil Engineering Journal Vol.11, No. 03, 2025, https://doi.org/10.28991/CEJ-2025-011-03-05	(2023) IF 4.3, Engineering, Civil – Q2	(2023) ESCI	(2023) CiteScore 7.0, Geotechnical Engineering and Engineering Geology – 81% percentile	R.Shults, G.Seitkazina, A.Annenkov, S.Soltabayeva, <u>Zh.T.Kozhaev</u> , R.Demianenko, G.Orazbekova	co-author

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**List of scientific papers
Kozhaev Zhenis Tursunalievich**

№ n/a	Title of the publication	Type of publication	Publication details	Number of pages	Co-authors
1	2	3	4	5	6
Articles in publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Higher Education and Science of the Republic of Kazakhstan					
1	Improvement of the energy criterion for zoning the earth's surface according to the degree of attenuation, article	printed	Vestnik KazNRTU, Vol. 4, 2018, P.32-38, ISSN 2709-4758	2	A.Altayeva, B.Imansakipova, B.Sadykov, A.Spitsyn
2	Creation of a plan-height justification map at the Zholbystinsky, Shovan, and Kelinshektau gold deposits, article	printed/ electronic	Mining Journal of Kazakhstan, Vol. 6 (218) 2023, P.48-55, ISSN 2227-4766	6	E.Kenjekhan, Y.Zhakypbek, A.Aben
3	Cartographic analysis of spatial and temporal changes in air pollutants in Almaty, article	printed/ electronic	Hydrometeorology and ecology, (1), 2025, P.116-131, ISSN (online) 2789-6323,ISSN (print) 2079-6161 https://doi.org/10.54668/2789-6323-2025-116-1-116-131	16	Y.Zhakypbek, Y.Begimzhanova, G. Kezembraeva, S.Tursbekov
4	Land desertification monitoring in atyrau region based on remote sensing data, article	printed/ electronic	Izdenister Natigeler, (1 (105)), 2025, P.280–287, ISSN 2304-3334. https://doi.org/10.37884/1-2025/32	8	Y.Zhakypbek, A.Toyshy, E.Uteyev, S.Tursbekov
5	Study of geomechanical processes at the Zhylandy mine, article	printed/ electronic	Mining Journal of Kazakhstan, Vol. 4 2025, P.20-24, ISSN 2227-4766	5	D.Kirgizbaeva, T.Nurpeisova, D.Mukhanbetkarim
Patents					

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6	Method of mining in weakened zones of mineral deposits, patent for invention		№33566, 02.04.2019		Zh.D.Baigurin, A.Spitsyn, B.Imansakipova, N.Imansakipova
7	Permanent Ground Reference Point for Geodetic Measurements, utility model patent		№10143, № 5 - 31.01.2025		S.Tirzhanova, S.Soltabayeva, Zh.Baigurin, M.Eluzakh, N.Khairullaev, N.Nysanbay, N.Akkuanov
Articles published in other scientific journals and publications					
8	Influence of rock fracturing on geomechanical processes, article	printed/ electronic	Bulletin of the National Academy of Mining Sciences, Vol.1(2), 2018, P.73-76, ISSN 2518-797	7	K.Rysbekov, S.Soltabayeva, B.Sadykov, Zh.Baigurin
9	The influence of side refraction on the accuracy of geodetic measurements in the conditions of hot climate, article	printed	Mine Surveying and Subsurface Use, Vol.2 (100), march-april 2019, P.52-54, ISSN 2079-3332	2	B.Sadykov, A.Spitsyn, G.Shakiyeva
10	Study of stressed state of rock massif at Akzhal mine of «NOVA Zinc» LLP, article	printed/ electronic	Young Scientist №33 (323) august 2020, P.35-39, ISSN-L 2072-0297 ISSN 2077-8295 (Online)	5	K.Derbisov, N.Donenbayeva, Sh.Aitkazinova, M.Nurpeisova
11	Geodetic monitoring of deformations of engineering structures, article	printed/ electronic	KOMPLEKSNOE ISPOLZOVANIE MINERALNOGO SYRA, 2021, Issue 2, Pages 69-77, ISSN: 2224-5243, 2616-6445 (Online) https://doi.org/10.31643/2021/6445.20	9	G.M.Urazbaev, A.A.Altayeva, M.G.Mustafin
12	Space monitoring of displacements of highrise	printed	Mine Surveying and Subsurface Use, №2 (118),	4	M.Sailygarayeva,

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	buildings in urban areas, article		march-april 2022, P.57-60, ISSN 2079-3332		N.Miletenko, Zh.Baigurin
13	Analysis of ecological pollution of Kyzylorda city, article	printed/ electronic	Young Scientist №48 (547) november 2024, P.33-36, ISSN-L 2072-0297 ISSN 2077-8295 (Online)	4	A.Nagymetulla, Zh.Nukarbekova
14	Role of GIS-technologies in the study of seismic dangerous zones of Shymbulak, article	printed/ electronic	Young Scientist №48 (547) november 2024 г. № 48 (547). P.36-39, ISSN-L 2072-0297 ISSN 2077-8295 (Online)	4	I.Nametov, Sh.Aitkazanova
International scientific and practical conferences					
15	Analysis of the condition of soil and rock massif of the territory of Almaty metro area	printed/ electronic	Proceedings of the International Scientific and Practical Conference «Rational use of mineral and technogenic raw materials in the conditions of Industry 4.0» – Almaty: KazNRTU, 14-15 march, 2019, P.125-127, ISBN 978-601-323-168-6	5	G.Shakiyeva, B.Kidirbaev, P.Moskovchuk
16	Improvement of the method of reserves calculation and accuracy assessment for a deposit of complex structure	printed/ electronic	Proceedings of the International Scientific and Practical Conference «Rational use of mineral and technogenic raw materials in the conditions of Industry 4.0» – Almaty: KazNRTU, 14-15 march, 2019, P.135-137, ISBN 978-601-323-168-6	2	A.Turdakymbay, Zh.Baigurin
17	Influence of change of refractive index of light with height on the accuracy of measurements of geodetic devices	electronic	Proceedings Satpayev's Readings «Innovative technologies are the key to successful solving fundamental and applied problems in the ore and oil and gas sectors of the economy of the Republic of Kazakhstan», I volume, 2019, P.884-887, ISBN 978-601-323-145-7	3	A.Spitsyn, A.Chernov
18	Theoretical approach to determining landslide displacement volumes	printed/ electronic	Proceedings of the International Scientific and Practical Conference «Rational use of mineral and technogenic raw materials in the conditions of Industry	3	B.Sadykov, Zh.Baigurin, Zh.Nukarbekova

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			4.0» – Almaty: KazNRTU, 14-15 march, 2019, P.137-139, ISBN 978-601-323-168-6		
19	Influence of atmospheric pressure and air temperature on the accuracy of geodetic measurements	printed	Proceedings of the International Surveyors Forum «Digital Technologies in Geodesy, Mine Surveying, and Geomechanics», 19-20 april 2019, P.117-121, ISBN 978-601-315-731-3	5	A.Spitsyn, A.Chernov
20	Results of scanning of mine workings to improve the accuracy of calculations of reserves of ore bodies of complex structure	printed/ electronic	Proceedings of the International Scientific and Practical Conference «Rational use of mineral and technogenic raw materials in the conditions of Industry 4.0» – Almaty: KazNRTU, 14-15 march, 2019, P.139-141, ISBN 978-601-323-168-6	3	A.Turdakymbay, B.Sadykov, Zh.Baigurin
21	Potential of using InSAR techniques for mining field monitoring in republic of Kazakhstan	printed/ electronic	Proceedings Satpayev's Readings «Satpayev Readings – 2021» I volume, 2021, P.515-518, ISBN 978-601-323-246-1	4	S.E.Tirzhanova
22	Prediction of technical condition of volume-slab 241 structures of residential building	printed/ electronic	Proceedings of the International Scientific and Technical Conference, Almaty, KazNRTU named after K.I. Satpayev, 2022, P.243-246, ISBN 978-601-323-334-5	4	S.Soltabayeva, Zh.Baigurin, M.Nurzhanyuly
23	Geodetic instruments for simultaneous measurement of angles and distances	printed/ electronic	Proceedings of the international scientific and practical conference «Satbayev conference – 2022. Trends in modern scientific research» – Almaty: KazNRTU, 2022. Volume II. P.151-156, ISBN 978-601-323-291-1	6	T.Orazaliyev
24	Comparative analysis of survey point coordinates	printed	Proceedings of the International Forum «Digital Technologies in Geodesy and Mine Surveying» – G31. Editor-in-Chief: E.I. Kuldeev. Almaty: KazNRTU named after K.I. Satpayev, 2024, P.163-169, ISBN 978-601-323-463-2	6	S.Tirzhanova, N.Akkuanov, N.Nysanbay

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25	Engineering surveys for communication networks connection	printed	Proceedings of the International Forum «Digital Technologies in Geodesy and Mine Surveying» – G31. Editor-in-Chief: E.I. Kuldeev. Almaty: KazNRTU named after K.I. Satpayev, 2024, P.194-198, ISBN 978-601-323-463-2	4	S.Tirzhanova, Zh.Zh. Zhalgasbayeva
26	Calculation of earth works volumes using AutoCAD Civil 3D	printed	Proceedings of the International Forum «Digital Technologies in Geodesy and Mine Surveying» – G31. Editor-in-Chief: E.I. Kuldeev. Almaty: KazNRTU named after K.I. Satpayev, 2024, P.271-276, ISBN 978-601-323-463-2	6	S.Tirzhanova, N.Akkuanov, N.Nysanbay
27	Geodetic surveys for construction of high-voltage power transmission line on the example of Kokpek – Saty route	printed/ electronic	Proceedings of the International Scientific Conference «SATBAYEV INTERNATIONAL CONFERENCE 2024. Integration of Science and Technology: The Path to Sustainable Development», Almaty: KazNRTU, 2024, P.69-75, ISBN 978-601-323-460-1	7	Zh.Zh. Zhalgasbayeva, S.Tirzhanova,
Monographs and Teaching aids					
28	Study of Displacement Processes in Weak Zones of a Deposit Based on Geodetic and Space Technologies	printed	Monograph. Almaty: KazNRTU, 2025. 153 p. ISBN 978-601-323-565-3	153	-

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