

**List of scientific and methodological works of Gulmira Kalmashevna Satybaldiyeva,
Candidate of Biological Sciences, Associate Professor
NJSC "Kazakh Agrotechnical Research University named after S. Seifullin" (2012-2026)**

№	Title	Printed or on the rights of a manuscript	Publisher, magazine (title, issue, year, page numbers) Number of the copyright certificate	Number of printed sheets or pages	The names of the co-authors
1	2	3	4	5	6
Scientific articles in publications recommended by the authorized body					
1	Scaleless spleen on the Mukanshi River, belonging to the Balkhash Basin Morphobiological description of the fish <i>Diptychus dybowskii</i>	Print	KazNU Bulletin. Ecology series. – Almaty: Kazakh University Press, 2012. №4 (36). P. 53-57. ISSN 1563-034X	0,31 p.s.	Asylbek A., Sapargalieva N. S., Asylbek A.
2	Environmental conditions for distribution of dominants of freshwater mollusks in the Chu river basin	Print	KazNU Bulletin. Ecology series. – Almaty: Kazakh University Press, 2013. №2/2(38). P. 313-319. ISSN 1563-034X	0,44 p.s.	Baimurzaev N.B., Tynybekov B.M.
3	Исследование влияния специализированных кормов и иммуномодуляторов на толерантность осетровых рыб – сеголетки стерляди (<i>Acipenser ruthenus</i>) к гипоксии	Print	KazNU Bulletin. Ecology series. – Almaty: Kazakh University Press, 2013. №3(39). P. 201-205. ISSN 1563-034X	0,31 p.s.	Tuleukhanov S.T., Ablaykhanova N.T., Yelantsev A.B., Shalgymbayeva G.M., Koyshebayeva S.K., Shalgymbayeva S.M., Yegizbayeva A.N.
4	The importance of field and professional practices in the formation of students as highly intellectual potential and competitive specialists	Print	KazNU Bulletin. Biology series. – Almaty: Kazakh University Press, 2014. № 1/1 (60). P. 266-269. ISSN 1563-0218	0,25 p.s.	Sapargalieva N. S., Kegenova G. B., Eszhanov B. E., Kozhabaeva E. B., Ormanova G. Zh., Kan O. M., Baimurzaev N. B., Sharakhmetov S. E.

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1	2	3	4	5	6
5	Features of growth and development of freshwater mollusks	Print	KazNU Bulletin. Ecology series. – Almaty: Kazakh University Press, 2014. № 3(42). P. 166-168. ISSN 1563-034X	0,19 p.s.	Imangalieva A.
6	Phytochemical study of <i>Solidago canadensis</i> L. and <i>Arctium tomentosum</i> Mill. grown in the conditions of the Almaty region	Print	KazNU Bulletin. Ecology series. – Almaty: Kazakh University Press, 2015. № 1/2(43). P. 596-599. ISSN 1563-034X	0,25 p.s.	Tynybekov B.M., Nurtaeva M.A., Baimurzayev N.B., Mukanova G.A., Nurmakhanova A.S., Sharakmetov S.E., Temirkhanova G.N.
7	Indicators of the ability of Lower School students to distinguish between speech – logical thinking and generalizing material features	Print	KazNU Bulletin. Biology series. – Almaty: Kazakh University Press, 2015. №2/2 (64). P. 328-332. ISSN 1563-0218	0,31 p.s.	Askerbay G. E., Kamalova M. N., Ablaikhanova N. T.
8	Determination of lipid peroxidation activity in the breast microsome of rats under psychoemotional stress	Print	KazNU Bulletin. Biology series. – Almaty: Kazakh University Press, 2015. №2/2 (64). P. 428-432. ISSN 1563-0218	0,31 p.s.	Nökerbek M., Seidaliev N.M., Ablaykhanova N.T., Ursheeva B.I.
9	Study of the productivity of microalgae crops isolated from hot water sources	Print	KazNU Bulletin. Ecology series. – Almaty: Kazakh University Press, 2015. №3 (45). P. 247-251. ISSN 1563-034X	0,31 p.s.	D.K. Kirbayeva, A.K. Sadvakasova, N.R. Akmukhanova, K. Bolatkhan, and B.K. Zayadan
10	Eszhanov Birlikbay Eszhanovich	Print	KazNU Bulletin. Ecology series. – Almaty: Kazakh University Press, 2015. № 2/1 (44). P. 4-7. ISSN 1563-034X	0,25 p.s.	

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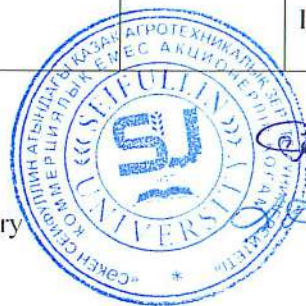


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1	2	3	4	5	6
11	On the issue of studying and peculiarities of the growth of pine forests in the steppe zone of Kazakhstan	Print	Bulletin of the Shakarim State University of Semey, 2018. № 3(83). P. 238-242. ISSN 1607-2774	0,31 p.s.	Sh.M. Zhumadina, A.A. Zhaglovskaya, and K.M. Satova.
12	Productivity characteristics of the natural forage lands of the Zhetysui Alatau	Print	Bulletin of the Shakarim State University of Semey, 2020, № 4(92). P. 204-208. ISSN 1607-2774	0,31 p.s.	Utarbayeva A.Sh., Kuatbayev A.T., Zhaglovskaya A.A.
13	Species composition and morphological and biological data of fish from the lake. Solontsy (North Kazakhstan region)	Print	Bulletin of Al-Farabi Kazakh National University, Biology series. – Almaty: Kazakh University Press, 2021. № 4(89). P. 150-162. DOI: https://doi.org/10.26577/eb.2021.v89.i4.14 ISSN 1563-0218; eISSN 2617-7498	0,75 p.s.	Sharakhmetov S. E., Sapargalieva N. S., Dzhanabergenov A. O., Shupshibayev K. K., Aubakirova G. A., Utarbayeva A. Sh., Bekpergenova Zh. B.
14	State of the commercial ichthyofauna of Lake Maybalyk (Akmola region, Kazakhstan)	Print	Bulletin of Al-Farabi Kazakh National University, Biology series. – Almaty: Kazakh University Press, 2022, № 4(93). P. 107-115. DOI: https://doi.org/10.26577/eb.2022.v93.i4.011 ISSN 1563-0218; eISSN 2617-7498	0,56 p.s.	Sharakhmetov S. E., Sapargalieva N. S., Barbol B. I., Aubakirova G. A., Dzhanabergenov A. O., Shupshibayev K. K., Utarbayeva A. Sh., Bekpergenova Zh.B.

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1	2	3	4	5	6
15	Parasitofauna of commercial fish of reservoirs of northern Kazakhstan.	Print	Bulletin of Al-Farabi Kazakh National University, Biology series. – Almaty: Kazakh University Press, 2023. № 3(96). P. 113-122. DOI: https://doi.org/10.26577/eb.2023.v96.i3.09 ISSN 1563-0218; eISSN 2617-7498	0.63 p.s.	Barbol B. I., Sharakhmetov S. E., Aubakirova M. O., Kabdolov Zh. R., Dzhusupbekova N. M., Dzhanabergenov A. O., Shupshibayev K. K., Utarbayeva A. Sh., Bekpergenova Zh.B.
16	Sedum Hybridum L. found in the Zailiyskiy Alatau and Sedum Ewersii Ledeb. current soil status of populations	Print	Bulletin of Al-Farabi Kazakh National University, Ecology series. – Almaty: Kazakh University Press, 2024. № 2 (79). P. 100-109. DOI: 10.26577/EJE.2024.v79.i2-09 ISSN 1563-034X; eISSN 2617-7358	0.56 p.s.	Kobylyina T. N., Tynybekov B. M., Nurmakhanova A. S., Sadyrova G. A., Kyrbasova E. A., Inanova E. M., Parmanbekova M. H., Childibaeva A. Zh., Kulymbet K. K.
Scientific articles in international peer-reviewed scientific journals (included in the 1st, 2nd quartile according to the Journal Citation Reports of Clarivate Analytics or having at least 50 percentile Cite Score in the Scopus database in the scientific field corresponding to the applicant's specialty)					
1	Species diversity of zooplankton of small steppe lakes of the Northern part of Kazakhstan	Print	Water, Volume 15. Issue 23. 2023. P 1-16. Q1 (2023) https://doi.org/10.3390/w15234054 ISSN: 2073-4441	1 p.s.	<u>Gulmira Satybaldiyeva</u> , Nazym Sapargaliyeva, Sayat Sharakhmetov, Zarina Inelova, Emil Boros, Elena Krupa, Aizhan Utarbaeyva, Kazbek Shupshibaeyev

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2	Ecological Assessment of Lake Alakol's Coastal Waters using Algae-Based Indicators	Print	ES Energy & Environment, 2026. Volume 31. P 1-10. Q1 (2025) http://dx.doi.org/10.30919/ee2125 ISSN: 2578-0646	0,63 p.s.	Zarina Inelova, Nurziya Akmukhanova, Bolatkhan Zayadan, Dmitry Matorin, Emil Boros, Grigorszky István, Aktymbayeva Aliya, Evgeny Sotnikov, Gulzhan Yerubayeva, <u>Gulmira Satybaldiyeva</u>
3	Impact of Cattle Grazing on Degradation of Mountain Pastelands in South-East of Kazakhstan	Print	ES Energy & Environment, 2025 Volume 27. P 1-19. Q1 (2025) https://dx.doi.org/10.30919/esee1430 ISSN: 2578-0646	1, 19 p.s.	Gulbanu Sadyrova, Bekzat Tynybekov, Saltanat Nazarbekova, Kuralai Orazbekova, Talgat Ibragimov, Batyrgeldy Shimshikov, Nurgul Mamytova, Zhadyra Ashirova, Meruert Tastybay, <u>Gulmira Satybaldiyeva</u> and Akmaral Nurmakhanova

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4	Evaluating the status of <i>Humulus lupulus</i> populations in Kazakhstan: implications for conservation, sustainability, and forest ecosystem management	Print	ES Energy & Environment, 2025. Volume 27. P 1-21. Q1 (2025) https://dx.doi.org/10.30919/ee1426 ISSN: 2578-0646	I, 31 p.s.	Aigul Yedilova, Zarina Inelova, Manira Zhamanbayeva, Lashyn Kiyekbayeva, Gulzhan Yerubayeva, Aiman Sarsembayeva, Gaukhar Baitasheva, Zhadyra Ashirova, Saltanat Nazarbekova, <u>Gulmira Satybaldiyeva</u> and Turalin Bauyrzhan
5	Assessing the spatial distribution and sources of heavy metal pollution in the snow cover: A case study from Pavlodar, Northeastern Kazakhstan	Print	PLOS ONE 20(5), 2025. P 1-30. Q1 (2025) https://doi.org/10.1371/journal.pone.0322300	I, 88 p.s.	Alina Faurat, Dinara Yessimova, <u>Gulmira Satybaldiyeva</u> , Askhat Kuatbayev, Aizhan Utarbayeva, Ainagul Kaliyeva, Kairat Akhmetov, Shujaul Mulk Khan, Zeeshan Ahmad, Seilkhan Rakhmanov
6	An Overview of Advancing Green Energy Solutions and Environmental Protection Toward Green Universities	Print	ES Energy & Environment, 2024. Volume 26. P 1-28. Q2 (2024) https://dx.doi.org/10.30919/eseel338 ISSN: 2578-0646	I, 75 p.s.	Ainur Seilkhan, Askhat Kuatbayev, <u>Gulmira Satybaldiyeva</u> , Beken Akbota, Shicheng Zhang, Jiajun Xu, Zhanat Idrisheva

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7	Structured Analysis of Thermo-Hydrodynamic Aspects in Vanadium Redox Flow Batteries	Print	ES Energy & Environment. 2024. Volume 26. P 1-29. Q2 (2024) https://dx.doi.org/10.30919/eesee1339 ISSN: 2578-0646	1, 81 p.s.	Indira Aimbetova, Andrey Kuzmin, Karlyga Sarbaeva, Makpal Sarbaeva, Gulmira Satybaldiyeva
8	Adaptation Features of <i>Gentiana tianschanica</i> Rupr. Populations to Environmental Factors in Kazakhstan	Print	ES Energy & Environment, 2024. Volume 26. P 1-26. Q2 (2024) https://dx.doi.org/10.30919/eesee1361 ISSN: 2578-0646 ISSN: 1999-4907	1, 63 p.s.	Bekzat Tynybekov, Moldir Imanaliyeva, Askhat Kuatbayev, Gulmira Satybaldiyeva, Elmira Boribay, Kanat Kulymbet, Zoya Umirbayeva, Nurgul Mamytova, Nazerke Bekbossyn, Ussen Kurmanbay, Gulbanu Sadyrova, Murat Toktar, Saltanat Nazarbekova, Bagila Abdullayeva, Akma- ral Nurmahanova
9	Environmental Dynamics of the Ribbon-Like Pine Forests in the Parklands of North Kazakhstan	Print	Forests 2022, 13 (1), 2. P. 1-21. Q1 (2022) https://doi.org/10.3390/f13010002 ISSN: 1999-4907	1, 31 p.s.	Sholpan Zhumadina, Jiri Chlachula, Alina Zhaglovskaya-Faurat, Jolanta Czerniawska, Nailya Nurbayeva, Nariman Mapitov, Anar Myrzagaliyeva and Elmira Boribay

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10	The Current State of Zooplankton Diversity in the Middle Caspian Sea during Spring	Print	Diversity, 2023. Volume 15 (7), 798. P. 1-12. Q2 (2023) https://doi.org/10.3390/d15070798 ISSN: 1424-2818	0, 75 p.s.	Moldir Aubakirova, Zhanara Mazhibayeva, Saule Zh. Assylbekova, Kuanysh B. Isbekov, Bekzhan Barbol, Zamira Bolatbekova, Nurgul Jussupbekova, Aidana Moldrakhman
11	Pollution, Ecological and Health Risk Assessment of Heavy Metals in Urban Soils of Industrial City in the North-East of Kazakhstan	Print	International Journal of Agriculture and Biosciences, 2024. 13(4). P. 820-835. Percentile – 67 https://doi.org/10.47278/journal.ijab/2024.183 ISSN: 2305-6622	0, 94 p.s.	Alina Faurat, Galymbek Azhayev, Ainagul Kaliyeva, Aizhan Utarbayeva, Kairat Akhmetov, Zhuldyzay Bekpergenova
12	Factors of sustainable tourism development in the North Kazakhstan region: structural modeling based on PLS-SEM		Sustainability, 2026. 18(14). P. 1-27. Percentile – 87 https://doi.org/10.3390/su18147000 ISSN: 2071 - 1050		Elmira Boribay, Nagima Sagidolda, Xiaoping Jing, Aigerim Assylkhanova, Marzhan Daurbayeva, <u>Gulmira</u> <u>Satybaldiyeva</u> , Rausan Aknazarova and Kutay Oktay

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Scientific articles in international peer-reviewed scientific journals (included in the 3rd, 4th quartile according to the Journal Citation Reports of Clarivate Analytics or having a percentile index in the Scopus database for a Cite Score of less than 50 in the scientific field corresponding to the applicant's specialty)					
1	Phytochemical Investigation of the Roots of Rumex Confertus W. Grown in the Culture	Print	World Applied Sciences Journal 26 (7): 941-944, 2013. ISSN 1818-4952. © IDOSI Publications, 2013. DOI: 10.5829\idosi.wasj. 2013.26.07.13526 (Scopus, SJR_2013:0.220) DOI: 10.5829\idosi.wasj. 2013.26.07.13526.	0, 31 p.s.	Tynybekov B., Litvinenko Y., Mukanova G. and et al
2	Introduction of Sorts Calligonum in Southern Kazakhstan	Print	World Applied Sciences Journal 30 (8): 955-957, 2014 ISSN 1818-4952 © IDOSI Publications, 2014 DOI: 10.5829/idosi.wasj.2014.30.08. 14106 Scopus	0, 19 p.s.	Ibragimov T., Tlegenova K., Shilimbet S., et al
3	Doubled haploid production through culture of anthers in rice	Print	Indian Journal of Genetics and Plant Breeding (The) Year: 2014, Volume: 74, Issue: 1 First page:(90) Last page:(92) Print ISSN: 0019-5200. Online ISSN: 0975-6906. Q4.	0, 19 p.s.	Usenbekov B.N., Kaykeev D.T., Yhanbirbaev E.A., et al.
4	Governance and internalisation in social policy: Definition, concepts and causes	Print	Journal of Legal, Ethical and Regulatory Issues. Volume 22, Issue 1, 2019. P 1- 5. CiteScore 2019 – 0.6. Percentile – 41	0, 31 p.s.	Nogaibayev Y., Shedenova N.
5	Ether oil types of flora semi-desert of the Turkestan region, their distribution and prospects for resource use	Print	EurAsian Journal of BioSciences Volume 14, Issue 1, 2020. P. 1021-1025 CiteScore 2019 – 0.4. Percentile - 22	0, 31 p.s.	Ibragimov, T. S.; Kuatbaev, A. T.; Orazbaev, A. E.; Boribay, E. S.
Other periodicals					
1	Geochemical characteristics of the soils of Pavlodar, Republic of Kazakhstan	Print	Trends of scientific and innovative development in the field of space technologies and applied engineering. Berlin, Germany.: Technische Universität Berlin, 2016. P. 214-223.	0, 63 p. s.	Azhaev G.S., Yessimova D.D., Zhaglovskaya A.A.

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1	2	3	4	5	6
2	Structure and dynamics of chernosaxaulic phytocenoses of the Ile Balkhash region, Kazakhstan	Printed	Trends of scientific and innovative development in the field of space technologies and applied engineering. Berlin, Germany.: Technische Universität Berlin, 2016. P. 224-231.	0, 5 p.s.	Zhaglovskaya A.A. Esimova D.D., Azhaev G.S.
3	Effects of astrophysical factors on the growth of stands in the forest-steppe of Eastern Kazakhstan	Printed	Trends of scientific and innovative development in the field of space technologies and applied engineering. Berlin, Germany.: Technische Universität Berlin, 2016. P. 232-238.	0, 43 p.s.	Zhumadina Sh.M., Zhantlesova Sh.B., Yessimova D.D.
4	Optimized selection of doubled-haploid glutinous rice regenerants in Kazakhstan.	Printed	Journal of Biotechnology. 2014. Volume: 185. P. 31. Q2	0, 06 p.s.	Ussenbekov B.N., Sartbayeva I.A., Kazkeyev D.T., et al
5	Histochemical studying of ovaries in sheep of different breeds after hormonal treatment in estrous season	Printed	Journal of Biotechnology. 2016. Volume: 231. P. 42. Q2	0, 06 p.s.	Adekhanova G., Yessimsiitova Z., Chunetova Z, Abylayhanova N, Nurtazin S.
6	Amphibians under conditions of anthropogenic landscape	Printed	Journal of Biotechnology. 2016. Volume: 231. P. 41. Q2	0, 06 p.s.	Beken Z., Mankibaeva S., Yessimsiitova Z., Zharkova I, Saparov K
7	Histological researching of ovaries in sheep of different breeds in estrous season	Print	Journal of Biotechnology. 2016. Volume: 231 . P.42. Q2	0, 06 p.s.	Yeltay G., Yessimsiitova Z., Nurtazin S., Abylayhanova N, Tynybekov B.
8	Condition adrenergic innervation and contractility of the lymphatics toxic hepatitis	Print	Journal of Biotechnology. 2016. Volume: 231 . P.41 Q2	0, 06 p.s.	Kabylbekova K., Abdreshov S., Atanbaeva G., Zhaparkulova N. et al.

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1	2	3	4	5	6
9	Monitoring of soil pollution by heavy metals in roadside areas of Astana city (Kazakhstan)	Print	Journal of Biotechnology. 2017. Volume: 256. P.109. Q2	0, 06 p.s.	Perzadaeva A., Auezova N., et all.
10	The influence of lithium carbonate salts on the structural organization of cells and vessels in the development of experimental hepatocarcinoma	Print	Journal of Biotechnology. 2018. Volume: 280 . P.79. Q2	0, 06 p.s.	Zhumadina Sh., Bgatova N., Bakhbaeva S. et al.
11	The influence of phytohormones on the induction of callogenesis from explants of <i>Artemisia glabella</i> of different origin.	Print	Journal of Biotechnology, 2019. Volume. 305. P.24. Q2	0, 06 p.s.	Asanova G., Dodonova A., Amanov S., Kuatbayev A., Zhaglovskaya A., Shupshibayev K.
12	Arealogical features of essential oil plants of the natural flora of the foothill semi-desert zone of the Turkestan region according to the seasons	Print	Journal of Environmental Management and Tourism Volume 10, Issue 7, Winter 2019, P. 1601-1608. DOI: https://doi.org/10.14505//jemt.10.7(39).17	0, 5 p.s.	Ibragimov, T. S., Kuatbaev, A. T., Altybaev Zh.M. Orazbaev, A. E.:
13	Current trends in the development of ecological tourism in Kazakhstan	Print	Central Asian Economic Review №1 (154) 2024. P.80-91. DOI: https://doi.org/10.52821/2789-4401-2024-1-80-91	0,69 p.s.	Boribay E.S., Yessimova D.D.

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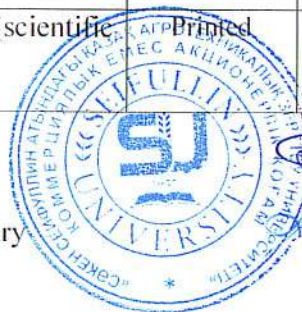
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Security documents					
1	"Ecology: optional course. Workbooks for 5th grade students of general education schools " (scientific work)	Printed	Certificate of State Registration of Copyright No. 072, January 24, 2013.	0, 13 p.s.	Ablaikhanova N.T., Karibayeva R.E.
2	Children's social movement " ecology and children " (scientific work)	Printed	Certificate of State Registration of Copyright No. 184, February 26, 2013.	0, 13 p.s.	
3	"Ecology: optional course. Textbook for 6th grade students of general education schools " (scientific work)	Printed	Certificate of State Registration of Copyright No. 290, March 20, 2013.	0, 13 p.s.	Ablaikhanova N.T.
4	"Ecology: optional course. Methodological manual for teachers of general education schools teaching 6th grade students " (scientific work)	Printed	Certificate of State Registration of Copyright No. 422, April 17, 2013.	0, 13 p.s.	Ablaikhanova N.T., Yessimova D.D.
5	"Houseplants" (scientific work)	Printed	Certificate of State Registration of Copyright No. 423, April 17, 2013.	0, 13 p.s.	Aidosova S.S., Nurmakhanova A.S.
6	"Ecology: faculty-tative course. Educational manual for students of the 5th grade of general education institutions" (scientific work)	Printed	Certificate of State Registration of Copyright No. 496, May 2, 2013.	0, 13 p.s.	Ablaikhanova N.T.
7	"Ecology: optional course workbooks for 6th grade students of general education schools" (scientific work)	Printed	Certificate of State Registration of Copyright No. 600, May 27, 2013.	0, 13 p.s.	Ablaikhanova N.T., Karibayeva R.E.
8	"Ecology: optional course. Methodological manual for teachers teaching 5th grade students of general education schools" (scientific work)	Printed	Certificate of State Registration of Copyright No. 625, May 27, 2013.	0, 13 p.s.	Ablaikhanova N.T., Yessimova D.D.
9	"Houseplants: observation diary "(scientific work)	Printed	Certificate of State Registration of Copyright No. 646, May 30, 2013.	0, 13 p.s.	Sapargaliyeva N.S., Kegenova G.B., et al.

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10	"Aquarium fish: observation diary" (scientific work)	Printed	Certificate of State Registration of Copyright No. 645, May 30, 2013.	0, 13 p.s.	Sapargaliyeva N.S., Kegenova G.B., et al.
11	"Project: Road and children" (scientific work)	Printed	Certificate of State Registration of Copyright No. 1038, July 23, 2013.	0, 13 p.s.	Kertayeva N.S.
12	"Ecology: optional course workbooks for students of the 7th grade of general education schools" (scientific work)	Printed	Certificate of State Registration of Copyright No. 1604, December 4, 2013.	0, 13 p.s.	Ablaikhanova N.T., Yeszhanov B.E., et al.
13	"Ecology: optional course. Textbook for students of the 8th grade of general education schools" (scientific work)	Printed	Certificate of State Registration of Copyright No. 1759, September 18, 2014.	0, 13 p.s.	Yeszhanov B.E., Ablaikhanova N.T., et al.
14	"Ecology: optional course. Methodical manual for teachers teaching students of the 8th grade of general education schools"	Printed	Certificate of State Registration of Copyright No. 1761, September 18, 2014.	0, 13 p.s.	Yeszhanov B.E., Ablaikhanova N.T., et al.
15	"General Hydrobiology". Training manual.	Printed	Certificate of State Registration of Copyright No. 1760, September 18, 2014.	0, 13 p.s.	Yessimova D.D., Ainabayeva N., et al.
16	"Ecology: optional course. Manual for students of the 9th grade of general education schools" (scientific work)	Printed	Certificate of State Registration of Copyright No. 1915, October 12, 2015.	0, 13 p.s.	Yeszhanov B.E., Tynybekov B.M., Ablaikhanova N.T., et al.
17	"Ecology: optional course. Methodological manual for teachers teaching students of the 9th grade of general education schools" (scientific work)	Printed	Certificate of State Registration of Copyright No. 1913, October 9, 2015.	0, 13 p.s.	Yeszhanov B.E., Tynybekov B., et al.
18	"Ecology: optional course. Workbooks for students of the 9th grade of general education schools" (scientific work)	Printed	Certificate of State Registration of Copyright No. 1912, October 9, 2015.	0, 13 p.s.	Yeszhanov B.E., Tynybekov B.M., Ablaikhanova N.T., et al.

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19	Methodological manual for conducting educational practice in Botany (scientific work)	Printed	Certificate of State Registration of Copyright No. 0181, January 27, 2016.	0, 13 p.s.	Begenov A.B., Ametov A.A., Yeszhanov B.E., et al.
20	Methodological guidance on conducting educational practices in Botany (scientific work)	Printed	Certificate of State Registration of Copyright No. 0182, January 27, 2016.	0, 13 p.s.	Begenov A.B., Ametov A.A., Yeszhanov B.E., et al.
21	Animal Ecology. Textbook.	Printed	Certificate of Copyright No. 3803, June 3, 2019.	0, 13 p.s.	Kuatbayev A.T., Shupshibayev K.K., Utarbayeva A.Sh.
22	Ecology of plants. Textbook.	Printed	Certificate of Copyright No. 3804, June 3, 2019.	0, 13 p.s.	Kuatbayev A.T., Shupshibayev K.K., Utarbayeva A.Sh.
23	Ecological tourism: Training manual.	Printed	Certificate of State Registration of Copyright No. 52402, December 10, 2024.	0, 13 p.s.	Yessimova D.D., Boribay E.S., Yesim A.K.
Conference materials					
1	Ecological Assessment of the State of Water Bodies in Northern Kazakhstan on the Example of Lake Maibalyk	Printed	Academics World International Conference, Prague, Czech Republic. 2022. P. 15-19.	0, 31 p.s.	Utarbaeva A.Sh., Satybaldieva G.K., Bekpergenova Zh.B., Shupshibaev K.K., Aubakirova G.A., Zhanabergenov A.O., Krupa E.G., Aubakirova M.O., Sharakhmetov S.E., Sapargaliyeva N.S.

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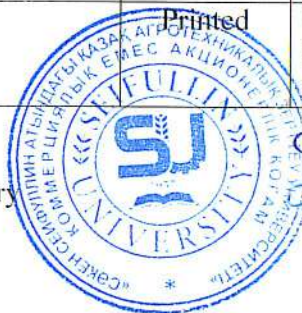


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1	2	3	4	5	6
2	Analysis of the ecological status of reservoirs in Northern Kazakhstan for 2010-2022.	Printed	Proceedings of the International Scientific-Practical Conference "Seifullin Readings – 19", dedicated to the 110th anniversary of M. A. Gendelman. Volume I, Part IV. Astana, 2023. P. 232-235.	0, 25 p.s.	Bekpergenova Zh.B., Utarbayeva A.Sh.
3	Growth and Development of White Willow (<i>Salix alba</i> L.) in the Katon-Karagay State National Nature Park	Printed	Proceedings of the International Scientific-Practical Conference "Seifullin Readings – 19", dedicated to the 110th anniversary of M. A. Gendelman. Volume I, Part IV. Astana, 2023. P. 199-201.	0, 19 p.s.	Gomer V.Ya.
4	Substantiation of the application of an innovative approach in updating educational programs in universities of Kazakhstan, Uzbekistan and Turkmenista	Printed	PERSPECTIVES OF HIGHER EDUCATION DEVELOPMENT. Tashkent, 2023. - P. 141-149.	0, 6 p.s.	Tokbergenov I.T., Kitaybekova S.O., Baitelenova A.A.
5	Organic waste and methods of its disposal	Printed	Proceedings of the International Scientific-Practical Conference "Baitursynov Readings". Kostanay, 2024. P. 466-468.	0, 19 p.s.	Sokol V.Ya.
6	Ecotourism as a component of sustainable development of natural areas: the case of Türkiye	Printed	IV International Sustainable Tourism Congress Conference Proceedings E-Book. – Aksaray, 2024. P. 128-135.	0, 5 p.s.	Kutay Oktay, Elmira Boribay, Aizhan Utarbayeva
Scientific and educational publications					
1	Mollusks of the South-East of Kazakhstan (using the example of the Chu River).	Printed	LAMBERT Academic Publishing, –Saarbrucken. 2012. – 108 p.	6, 75 p.s.	Kanayev A.T.
2	Ecology: An Elective Course	Printed	Textbook for Grade 7 Students of General Secondary Education Schools. –Almaty, 2013. - 74 p.	4, 6 p.s.	Ablaikhanova N.T., Yeszhanov B.E., et al.
3	Ecology: An Elective Course	Printed	Workbook for Grade 7 Students of General Secondary Education Schools. –Almaty, 2013. - 63 p.	3, 9 p.s.	Ablaikhanova N.T., Yeszhanov B.E., et al.

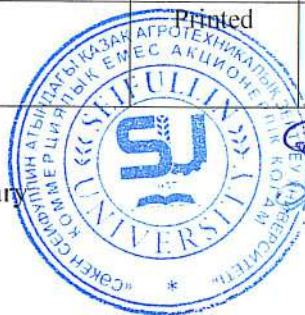
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4	Ecology: An Elective Course	Printed	Teaching Aid for Teachers of Grade 7 Students of General Secondary Education Schools. –Almaty, 2013. - 67 p.	4, 2 p.s.	Ablaikhanova N.T., Yeszhanov B.E., et al.
5	Methodological guidelines for the implementation of diploma work for students of the specialty "5b080400-Fisheries and industrial fishing".	Printed	Teaching and Methodological Guide. –Almaty, 2013. - 20 p.	1, 3 p.s.	Kegenova G.B., Sapargaliyeva N.S., et al.
6	Methodical instructions for completing theses for students of the specialty "5B080400-Fisheries and industrial fisheries"	Printed	Teaching and Methodological Guide. –Almaty, 2013. - 21 p.	1, 3 p.s.	Kegenova G.B., Sapargaliyeva N.S., Yeszhanov B.E., et al.
7	Methodological instructions for passing the final state certification to students of the specialty "5b080400 - Fisheries and industrial fishing"	Printed	Teaching and Methodological Guide. –Almaty, 2013. - 20 p.	1, 3 p.s.	Kegenova G.B., Sapargaliyeva N.S., Yeszhanov B.E., et al.
8	Guidelines for passing the final state exams for students of the specialty "5B080400 - Fisheries and industrial fisheries"	Printed	Teaching and Methodological Guide. –Almaty, 2013. - 20 p.	1, 3 p.s.	Kegenova G.B., Sapargaliyeva N.S., Yeszhanov B.E., et al.
9	Russian Russian, Russian-Kazakh terminological Dictionary. Educational reference publication. Ecology.	Printed	Educational reference publication. –Almaty: KAZakparat Publishing House, 2014. - 506 p.	31, 6 p.s.	Musabekov K.S., Yeszhanov B.E., et al.
10	Ecology: An Elective Course	Printed	Textbook for Grade 8 Students of General Secondary Education Schools. –Almaty, 2014. - 118 p.	7, 4 p.s.	Yeszhanov B., Ablaikhanova N.T., et al.
11	Ecology: An Elective Course	Printed	Workbook for Grade 8 Students of General Secondary Education Schools. –Almaty, 2014. - 76 p.	4, 8 p.s.	Yeszhanov B.E., Ablaikhanova N.T., et al.

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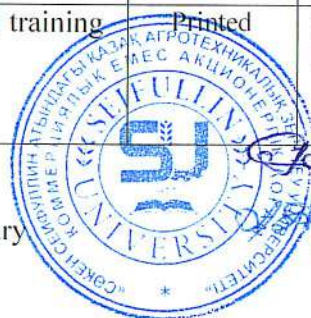


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12	Ecology: An Elective Course	Printed	Teaching Aid for Teachers of Grade 8 Students of General Secondary Education Schools. –Almaty, 2014. - 124 p.	7, 8 p.s.	Yeszhanov B., Ablaikhanova N.T., et al.
13	Houseplants	Printed	Textbook. –Almaty: Kazakh University Press, 2014. - 157 p.	9, 8 p.s.	Aidosova S., Nurmakhanova A.S., et al.
14	Invertebrate zoology: workshop	Printed	Textbook. –Almaty: Kazakh University Press, 2014. - 148 p.	9, 3 p.s.	Ormanova G.Zh., Baymurzayev N.B.
15	Methodological guidelines for conducting educational practice in Botany	Printed	Methodical guidance. –Almaty: Kazakh University Press, 2015. - 81 p.	5, 1 p.s.	Begenov A.B., Ametov A.A., Yeszhanov B.E., et al.
16	Methodological guide for conducting educational practice in botany	Printed	Methodical guidance. –Almaty: Kazakh University Press, 2015. - 78 p.	4, 9 p.s.	Begenov A.B., Ametov A.A., Yeszhanov B.E., et al.
17	Ecology: an elective course	Printed	Textbook for Grade 9 Students of General Secondary Education Schools. –Almaty, 2015. - 112 p.	7 p.s.	Yeszhanov B.E., Tynybekov B., et al.
18	Ecology: an elective course	Printed	Workbook for Grade 9 Students of General Secondary Education Schools. –Almaty, 2015. - 84 p.	5, 3 p.s.	Yeszhanov B.E., Tynybekov B., et al.
19	Ecology: an elective course	Printed	Teaching Aid for Teachers of Grade 9 Students in General Secondary Education Schools. –Almaty, 2015. – 130 p.	8, 1 p.s.	Yeszhanov B.E., Tynybekov B., et al.
20	Features of the care and maintenance of houseplants	Printed	Study Guide. –Almaty: Kazakh University Press, 2015. – 157 p.	9, 8 p.s.	Aidosova S., Nurmakhanova A.S., et al.
21	Guidelines for conducting practical training in hydrobiology and ichthyology	Printed	Methodological guidelines. –Almaty: Kazakh University Press, 2016. – 98 p.	6, 1 p.s.	Yeszhanov B.E., Sharakhmetov S.E., Sapargaliyeva N.B., et al.

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22	Bioresources of Kazakhstan: training manual	Printed	Training manual. –Almaty: Kazakh University Press, 2016. –322 p.	20, 1 p.s.	Mukhitdinov N.M., Yeszhanov B.E., Tynybekov B.M.
23	A collection of cases on the subject" environment and sustainable development". Training manual.	Printed	Training manual. – Almaty: Fortuna Polygraph Publishing House, 2021. – 113 pp.	7, 1 p.s.	Boribay E.S.
24	Hydrobiology. Training manual.	Printed	Training manual. –Nur-Sultan: Publishing House of S. Seifullin Kazakh Agro-Technical University, 2021. – 119 p.	7, 4 p.s.	Karagoishin Zh.M., Barinova G.K.
25	Ecological Tourism: Study Guide	Printed	Training manual. – Pavlodar : Toraighyrov University, 2024 – 294 p.	18, 4 p.s.	Yessimova D.D., Boribay E.S., Yesim A.K.
26	Animal Ecology	Printed	Textbook. – Almaty.: Daryn, 2024 – 314 p.	19, 6 p.s.	Kuatbayev A.T.
27	Precious Trees, Precious Herbs: Leading Plant Families of Kazakhstan's Flora – A Working Handbook Series for Naturalists, Farmers, Agronomists, and Foresters. Volume XII: The Figwort Family (<i>Scrophulariaceae</i> Juss.) of Kazakhstan	Printed	Educational determinant. – Turkestan.: Turan, 2024, - 368 p.	23, 6 p.s.	Aralbay N.K., Kuatbayev A.T., Sikhymbayev A.E., Issayev E.B., Kasenova B.T., Konkanova S.E., Kuldarbek A.N., Aralbayev A.N., Kazkeyev E.
28	Innovative waste management technologies	Printed	Training manual. – Astana: S. Seifullin KATRU, 2026. – 124 p.	7, 5 p.s.	Utarbayeva A.Sh., Shupshibayev K.K., Bekpergenova Zh.B.

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22.06.2026.