

Information about the author



1. Last name, first name:

Alzhanova Laura.

2. Position, academic degree, title:

doctor PhD, senior-lecturer.

3. Education:

- diploma with honors of higher education, specialty "Ecology and nature management", qualification "Ecologist", Taraz state university named after M.Kh. Dulaty, № 0025268, dated 30.06.2001;
- diploma of obtaining an academic Master's degree in "Ecology", Taraz state university named after M.Kh. Dulaty, № 0002379, dated 25.06.2002;
- diploma of the academic degree of Doctor of PhD, specialty "Geoecology", № 0000170 dated 15.10.2010);

4. Field and directions of research, including participation in scientific projects with a brief description of the results of the study:

Area and directions of research:

- ecology, environmental protection.

Participation in scientific projects:

- "Registration tests of chemical preparations on the territory of the Republic of Kazakhstan". Registration tests of the herbicide Simba (C-metolachlor, 960 g/l), CJSC Firm "August", RF, KazNAU, 2017-2018;

Results:

the use of herbicide to increase crop yields and effective pest control.

- Participation in the international program under the Erasmus + project, Capacity building in the field of education in the field of environmental protection and land resources (ESAR), order № 135 n/k of 02.06.2017.

Results:

introduction to the curriculum of the discipline "Natural resources and sustainable development" for the specialty 5B060800 - "Ecology".

- senior researcher of the topic "Research on the technology of water-salt, food metabolism of saline soils of the Zhambyl region", head of the topic: Doctor of Technical Sciences, Professor Seitkaziev A.S., 2011-2014.

Results:

implementation of the results of research work in the educational process for the preparation of students of the specialty 5B060800 - "Ecology".

- Foundation of the First President, participation in the project for the best scientific project among young scientists on the topic: "Reducing the harmful effects of wastewater through the use of biochemical methods of purification", November 2012.

Results:

the analysis of the composition of wastewater for the content of various chemicals (petroleum products, surfactants, etc.) has been carried out for several years. In addition, the analysis of wastewater treatment methods was carried out and on the basis of the analysis carried out, the biochemical method was chosen as the most effective method of purification.

5. List of the most significant publications (monographs, patents, developed standards):

1. The impact of wastewater on the ecological state of the city of Taraz. Collection of materials of the International Scientific and Practical Conference of Young scientists "Intellectual potential of the XXI century: contribution of young scientists to the development of agricultural science" -Volume I, Almaty, December 4-5, 2015 pp. 22-26, co - authors: Mahamedova B.Ya.;

2. Environmental monitoring of drinking water quality in Almaty. Collection of materials of the International Scientific and Practical Conference of Young scientists "Intellectual potential of the XXI century: contribution of young scientists to the development of agricultural science" - Volume III, Almaty, December 4-5, 2015 pp. 78-82, co - authors: Ismagulova E.S.;

3. Analysis of the choice of wastewater treatment methods. Materials of the Collection of KazNAU "Research and results", Almaty, January 2016. Pp.71-74. co - authors: N. Abdirahymov.

4. Analysis of the choice of wastewater treatment methods from nitrogen compounds. Collection of materials of the International scientific and practical Conference: "The contribution of young scientists to the industrial and innovative development of the agro-industrial complex". Volume I, Almaty, April 21-22, 2016. pp. 204-209, co - authors: Abuev N.B.;

5. Monitoring of the average level of radon concentration in residential premises and public buildings. "Research and results", № 2. R.A. Mirzadinov, N.A. Abdirakhimov;

6. Natural and anthropogenic pollution of the atmosphere. EURASIASCINCE" VII International Scientific and Practical Conference, January 31, 2017 Scientific and Publishing Center "Topicality.RF., co - authors: R.A. Mirzadinov;
7. Monitoring of the soil cover on the territory of the construction of the Kazakhstan-China gas pipeline. Search № 2(1)/ 2016 pp. 32-35. co - authors: Tukhtiyarova M.;
8. Changes in the concentration of heavy metals in the soil (as an example of the city of Almaty) Kazakhstan Higher School 2(1)/ 2017, p. 284-288, co-author: Alikulova A.O. (in the example of the city of Almaty) Kazakhstan zhogary mektebi 2(1)/ 2017, pp. 284-288, co - authors: Alikulova A.O.;
9. Microchip with high-throughput solid-phase extraction in combination with inductively coupled plasma mass spectrometry for rapid determination of trace elements of heavy metals in natural waters. Research and result № 3, 2017, co - authors: Ismagulova E.S.;
10. 10. Productivity and ecological importance of leguminous grass mixtures. Collection of materials of the International scientific and practical conference "Opportunities for technological and spiritual development in the context of the Fourth Industrial Revolution", (March 31, 2018. Almaty). PP.38-42, co - authors: Abdulkaksut A., Anarbekova G.D.;
11. Characteristics of the soil cover on the territory of the construction of the Kazakhstan-China gas pipeline. Scientific journal "Research and Results", No. 2, 2018. KazNAU, pp. 181-185. co - authors: Almasbekkyzy E.;
12. Monitoring of the average level of radon concentration on the ground. Scientific journal "Research and Results", № 2, 2018, KazNAU, pp. 177-180, co - authors: Abdirakhymov N.;
13. Analysis of the current state of development of organic production. Scientific Journal "Mechanics and Technologies", № 1 (63) January-March 2019, pp. 195-201, co - authors: Sadykov A.N.;
14. Analysis of "green" skills in education. Scientific Journal "Mechanics and Technologies", № 2 (64) April-June 2019, co - authors: Anarbekova G.D., Tireuov K.M. pp. 174-179.

6. Scientific internships:

- Certificate of attendance of the course "Ecological reconstruction of degraded ecosystems" from DANCEA Lucretiu Dumitrie from the Banat University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara (Romania). Participated in the Erasmus + program with an audition / training on mobility from November 21 to November 26, 2016;
- Certificate of participation in the training on "Educational aspects of environmental protection and Land Management" from February 20 to 22, 2017 at the University of Natural Resources and Natural Sciences in Vienna (BOKU) (Austria, Vienna);
- Certificate, Slovakia, Nitra. Participation in the training within the framework of the Erasmus + program "Environmental protection and land management", at the Slovak University of Agriculture in Nitra, from 10 to 14 September 2017;

- Certificate of participation in the International Winter School, Kazakh National Agrarian University, from January 22 to February 3, 2018, Almaty.

7. Achievements in research and teaching activities (awards):

- Certificate No. 202 dated December 03, 2018. She was awarded the medal "60 years of Taraz State University named after M.Kh. Dulati" for participation and presentation on the international project "SUSDEV" - Lifelong learning ("Lifelong education").

8. E-mail address, contact details (tel.: work (ext.), cell.):

E-mail: lauracreative8@gmail.com

Cell. tel.: 8-701-571-35-90.