

Author information



1. Surname, name:

Bozhbanov Alikhan.

2. Position, academic degree, title:

candidate of biological sciences, docent (associate professor), corresponding member "Academy of youth tourism and local history" named after A.A. Ostapets-Sveshnikov, Moscow c., academician of International academy and informatization, Almaty c.

3. Education:

- 1985-1990 - Kazakh state university named after S.M. Kirov, faculty of biology, specialty - "Biologist", "Biology and chemistry teacher";

- 2007 - candidate of biological sciences dated september 27, 2007, protocol № 7 (FK № 0000607) in the specialties 16.00.03 "Veterinary microbiology, virology, epizootology, mycology with mycotoxicology and immunology";

- 2011 - docent (associate professor) dated June 24, 2011 protocol № 5 (DC № 0002251);

2014 - corresponding member International public organization "Academy of youth tourism and local history" named after A.A. Ostapets- Sveshnikov, Moscow, reg. № K-264, 05.06.2014);

- 2014 - academician of OO "International Informatization Academy", Almaty, 24.01.2014).

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

Area and directions of research:

- biotechnology, biology, ecology.

Participation in scientific projects:

- for many years he was the responsible executor of a number of initiative, economic contract and grant works related to ecology and biology.

1. "Development of innovative nanotechnologies for monitoring food safety in the metropolis" Almaty city № s/r 0115 RK 00436 (2018-2021);

Results: a comprehensive study of this problem made it possible to develop a number of measures to optimize the environmental safety of food products in the metropolis of Almaty. First of all, this is the creation of a legal framework that promotes the interest of domestic producers in the production of harmless and high-quality products, a thorough study of the biological, technological and culinary transformation of chemical compounds in food products, as well as the mechanism of adaptation of the human body to them.

2. Head of the scientific project "Research of biotechnological methods for the processing of agricultural and industrial organic waste";

Results: a comprehensive technology for the recultivation of lands contaminated with toxic chemicals was developed and tested using biodestructor microorganisms and earthworms. At the first stage, the contaminated soil is treated with biodegrading microorganisms, and then, after the decomposition of the pollutants, the substrate is populated with earthworms to restore the normal soil microflora and soil structure. To increase the fertility of recultivated soils, it is advisable to add manure or biohumus to the processed substrate along with earthworms.

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

Over the period of work, more than 250 scientific papers and two innovative patents of the Republic of Kazakhstan have been published, the author of 3 textbooks, 15 manuals and 8 standard curricula.

1. Textbook recommended by the Ministry of Education and Science of the Republic of Kazakhstan "Ecological Zoogeography of Negizderi" Okulyk. - Almaty: - QR ZHOO kauymdastygy, 2013. - 340 b. Co-author: M.K. Baibatshanov;

2. Electronic multimedia textbook recommended by the Ministry of Education and Science of the Republic of Kazakhstan "Ecological zoogeography of negozderi" Elektrondy okulyk. Republican ZOO aralyk elektrondyk kitapkhana, - Almaty -2015. Co-author: Baibatshanov M.K.;

3. Electronic multimedia textbook recommended by the Ministry of Education and Science of the Republic of Kazakhstan "Ecology Zhane Turakty Damu" Elektrondy okulyk. - Almaty -2022.

10 study guides recommended by REMC MES RK:

1) Tabigatty paidalanu ekonomikasy: Oku qyraly.- Karagandy: - ZhK "Aknur baspasy", 2013. -152 b. Co-author: Turgumbekova N.M.;

2) Ecotoxicology: Oku qyraly. - Almaty: - Economics of Baspasy, 2014.-254 b. Co-author: Medeuova G.Zh.;

3) Biogeochemistry of non-gizderi: Oku qyraly. - Almaty: -Baspasy Economy, 2015. - 156 b. Co-author: Medeuova G.Zh.;

- 4) Zoology päninen workshop: Oku kuraly.- Karagandy:-ZHShS "Medet Group", -2015. -168 b.;
- 5) Workshop on zoology: Textbook. - Karagandy: - LLP "Medet Group", - 2015. -146 p.;
- 6) Aleumettik ecology zhane turakty damu: Oku kuraly. - Almaty: - ZhSS "Medet group", - 2015. - 280 b.. Co-author: Satbaeva G.S.;
- 7) Bozhbanov A.Zh., Jakupova IB / Ecology and sustainable development lecture course, Tutorial, Almaty, 2018 / Almaty: ATU, 2018;
- 8) Dzhakupova I.B. Bozhbanov A.Zh. Sharifkanova G.N. Ecology and sustainable development in Russian and English. / Textbook / Almaty ATU, 2018.- 484 p.;
- 9) Bozhbanov A.Zh., Dzhakupova I.B. Biological properties of the E.COLI A-20 strain and its use for the prevention of escherichiosis in calves, Monograph, Almaty, 2019, ISBN 978-601-263-372-6, 11 pp. Co-author: Dzhakupova I.B.;
- 10) Bozhbanov A.Zh. Dzhakupova I.B. Ecology zhane tyrakty damu in Kazakh and English. / Study guide / Almaty ATU, 2021.- 538 p.

2 study guides SMK of ATU:

1. Teaching about the environment: textbook. - Almaty: - LLP "Medet group". - 2015. - 328 pages. Co-author: Dzhakupova I.B.;
2. Ecological aspects of natural science: textbook. - Karaganda: LLP "Medet group", 2017.- 292 pages. Co-author: Dzhakupova I.B.

Main scientific publications:

1. Bozhbanov A.Zh. Dzhakupova I.B., "Biological method of wastewater treatment". - Penza State Technological University "XXI century: results of the past and problems of the present plus Periodical scientific publication. Series: Ecology, Perm, 2014;
2. Bozhbanov A. Zh., Abulgaziev A.U., Kaldybayeva Zh. history of the formation of the relief of the Northern Kazakh plain / No. 2(2) / 2013, Journal "Izdenis-Poisk", pages 298-301, of the series of natural and technical sciences;
3. Bozhbanov A.Zh. Dzhakupova I.B. "Pollution of the air basin by oil-producing enterprises of Western Kazakhstan", Monthly scientific journal EURASIAN Union of Scientists, Moscow, pp. 27-31, 2014;
4. Bozhbanov A.Zh. Dzhakupova I.B. Impact of oil transportation on the environment of Western Kazakhstan. Monthly International Scientific Journal "Innovative Science" № 5/2015, Russia;
5. Bozhbanov A.Zh. Dzhakupova I.B. Environmentally sound technologies for growing soybeans. International scientific journal "European science review" # 3-4 (March-April) 2015 (Vienna, Austria);
6. Bozhbanov A.Zh. Dzhakupova I.B. The current state of Lake Pestroe in Petropavlovsk, and the proposed methods for its improvement. Herald. Bishkek State University, 2016;

7. Bozhbanov A.Zh. Dzhakupova I.B. Assessment of the impact in emergency situations of the oil pipeline "Atasu-Alashankou" on the components of the environment of the Alakol basin of the Republic of Kazakhstan. Science Magazine. 8. New University .Series Natural Sciences.1-2.2016

Bozhbanov A.Zh. Dzhakupova I.B. The main chemical pollutants of the atmosphere of the metropolis of Almaty. Vestnik ATU, September 2016;

9. Bozhbanov A.Zh. Dzhakupova I.B. Synthetic wollastonite as an innovative material processed from industrial waste / Bulletin, ATU. June 2018;

10. Bozhbanov A. Zh., Dzhakupova IB Shynybekova S. SEARHWORM CASTINGS AS AN ECOLOGICALLY CLEAN ORGANIC FERTILIZER European Sciences review. Scientific journal. No. 5–6 2018 (May–June) Vienna. Impact factor 1.26;

11. Bozhbanov A.Zh. Abdugarimov S.A., Tursymbekova Z.Zh. Development of an automation system for testing the knowledge of students. Bulletin of the University of Almaty / May, 2018;

12. Bozhbanov A.Zh. Dzhakupova I.B. Egeubaeva S.S. Reproductive toxicity of the drug methylididamethylaminogrosgemin. Bulletin of the fourth issue of the journal GU Shakarim, Semey, december 2018;

13. Bozhbanov A.Zh. Abdugarimov S.A. Ekinshilik energy qorlaryn tiimdi paydalanu zholdary Bulletin of ATU, Almaty/ №2, 2019, p. 4;

14. Bozhbanov A. Zh., NASaparbaeva, Dzhakupova IB The Current State of the Rheum Wittrockii Lundstr. (Polygonaceae Juss.) Population in the Northern Tien Shan (Kazakhstan). Journal of Computational and Theoretical Nanoscience /V ol. 16, 2839-2846, 2019, p. 8. Printed in the USA.

6. Scientific internships:

- Center "Bioengineering", Wuhan, China, 2014.

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

- Letter of thanks from akim Auezov district of Almaty for active participation in the elections of the President of the Republic of Kazakhstan dated April 26, 2015;

- Letter of thanks from Baidibek district maslikhat of the South Kazakhstan region for assistance in the socio-economic development of the Kensai school dated December 2, 2016;

- silver medal named after A. Baitursynov Association of Universities of the Republic of Kazakhstan, January 2018;

- "Gratitude" for work as a member of the jury within the framework of the Minor Academy of Sciences of the Republic of Kazakhstan, 2018;

- Letter of thanks for preparing students to participate in the 8th International Student Forum "Green Bridge Through Generations", 2019;

- Letter of thanks for the work as the chairman of the section "Biology and Biotechnology" in the republican scientific-practical conference "Bilimdi urpak - el erteni", ZhenPU, 28.02.2018;

- "The best electronic course", diploma of the third degree, 2018;

- Gratitude for participation in the Republican competition of video lessons and video lectures "Panorama of pedagogical ideas", 2018;
- diploma for participation in the Republican competition of video lessons and video lectures "Panorama of pedagogical ideas", 2019;
- Letter of thanks "Panorama of Pedagogical Ideas" from the National center for advanced Training of Orleu, 2019;
- medal of Honor for contribution to the development of education and science of the Republic of Kazakhstan, by the decision of the Council for Public Awards in May 2021;
- Letters of thanks for preparing students in International Student Conferences, Olympiads, Startup, awarded with a diploma "Kurmet" for the introduction and development of professional pedagogical ideas, from the national center for advanced training "Orleu";
- he is the owner of the title "The best teacher of the university" of the Republic of Kazakhstan in 2021;
- awarded with an honorary medal for his contribution to the development of education and science of the Republic of Kazakhstan "Excellence in education in Kazakhstan" by the decision of the Council of the National Innovative Research Center "Bilim orkenieti" on March 4, 2022, Nur-Sultan;
- Letter of thanks from Akim of Auezovsky district, Almaty, "For active participation and great contribution to the extraordinary election campaign of the President of the Republic of Kazakhstan", December 2022;
- Diploma of the first degree, winner of the Republican contest "Best Biology teacher – 2022", Nur-Sultan, 2022;
- diploma "For the best work", presented at the republican contest "Teachers of an independent country – 2022", the Society of Teachers of the Republic of Kazakhstan, Astana-2022.;
- by the decision of the Society of teachers of the Republic of Kazakhstan, he was awarded the Order of "Ustaz" for a significant contribution to the field of education, December, 2022.

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

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