



**Dakieva Kulzipa Zhusupovna**  
Doctor in the specialty 6D060700-Biology  
Associate Professor

**Position:** Professor of the Department

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**Education:**

1970-1973 - Ust-Kamenogorsk Medical School, specialty - Midwife  
1974-1979 - Ust-Kamenogorsk Pedagogical Institute, specialty – Biology Teacher  
2019-2022 – S.Amanzholov Moscow State University, Bachelor's degree (BZHIZOS)

On October 27, 1995, she defended her PhD thesis on the topic "The state of the coagulation and anticoagulation system of the blood under the separate and combined action of toxic substances." By the decision of the Higher Attestation Commission, the title of Candidate of Biological Sciences No.0002478 was awarded November 28th. In 2013, she defended her doctoral dissertation on the topic: "Metabolic assessment of compensatory and adaptive changes under the influence of adverse factors of titanium-magnesium production", awarded the degree of Doctor of Biological Sciences No.001237

Scientific degree, scientific school:  
Doctor in the specialty 6D060700 - Biology, Associate Professor

Research interests: Publishing articles, writing manuals, monographs on environmental ecology, industrial ecology, life safety and environmental protection

Courses taught: Media and household ecology, industrial ecology, occupational health and safety, management in working with people in emergency situations, radiation and chemical safety in environmental protection, environmental justification of economic activity, scientific and environmental design

Professional experience:  
1973-1978 Shemonaikhinsky district Hospital surgical department nurse anesthetist;  
1978-1983 - nurse of the department of the newborn maternity hospital No. 1. Ust-Kamenogorsk:  
1983-2013 - Head of the clinical and diagnostic laboratory of the VK "National Center for Occupational Hygiene and Occupational Diseases";  
From 2014 to the present, he was first an associate professor at the Department of Ecology and Geography of the VK University named after S.Amanzholov;  
2018-2021 Head of the Department of Ecology and Geography of the Higher School of Economics  
2021 By the decision of the Committee for Quality Assurance in the field of education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated April 22, 2021 (Order No. 358) awarded the academic title of Associate Professor of Ecology  
Since 2022, he has been a professor at the Department of Ecology and Geography of the Higher School of Economics named after S.Amanzholov

Main scientific papers (selected):  
1. Dakieva K.J. Studying the Benefits of Green Workplace Environment on Health Promotion in Sympathoadrenal and Kallikrein-Kinin Systems  
Ekoloji.- 2018.- V.27. Iss 106.-P. 1087-1097;  
2. Dakieva K.J. The Polarity Effect of Stainless-Steel and Copper Electrode Materials for the Purification of Slaughterhouse Wastewater. Sustainability,2023,15,2036 p. 1-24  
<https://doi.org/10.3390/su15032036>  
3. Analysis of the effect of toxic substances on physiological indicators of experimental animals/ Bulletin of Kazakh.Al-Farabi National University, 2022, No.1(70),pp.82-91  
4. Dakieva K.J.Kazirgi kezende ekologiyalyk auditti uyymdastyr zhane zhurgiazu yerekshelikteri. Monograph. Oskemen. S.Amanzholov atyndagy SHKU "Berel baspasy", 2022.-105b.  
5. Dakieva K.Zh. Organization of applied environmental research. A study guide. Ust – Kamenogorsk. VKU named after S.Amanzholov, Berel printing house, 2020,

**Advanced training courses and internships:**

1. "Urban Ecology" Orenburg State University of the Russian Federation, Orenburg. The duration of the internship is from April 21 to May 20, 2022 in the amount of 72 hours  
2. "Ground-based instrumental observations in geocological monitoring" Altai State University, Barnaul. The duration of the internship is from September 01 to September 30, 2021 in the amount of 72 hours.  
3. On 07/27/2020, she successfully completed the course "Theory and practice of creating online courses on the COURSERA platform  
1. (Moscow Institute of Physics and Technology).

	<p>4. "Labor protection and safety at work in the laboratories of the mining and metallurgical profile" RSE "VNII Tsvetmet" from 02/21/2012 to 03/5/2022 in the amount of 72 hours;</p> <p>5. "Blended learning: principles and methods of effective implementation" of the Higher School of Economics named after S.Amanzholov, from August 23 to 31, 2021 in the amount of 72 hours. innovative technologies in geography». Uludag University of Bursa, Turkey, 25.09- 08.10.2023</p> <p>7. "Environmental problems of the aquatic ecosystem and its role in the economy of Kazakhstan" "Invest Audit" from August 10 to 22, 2020 in the amount of 72 hours</p>
Awards:	<ol style="list-style-type: none"> <li>1. She was awarded a letter of thanks from the head of the city Department of Education of Ust-Kamenogorsk Zh.Aitpayeva for active participation in the city forum "Tabigatty Ayala", 2019</li> <li>2. The Association of Teachers of Kazakhstan awarded the medal "Y.Altynsarin", 2020</li> <li>3. Letter of thanks from the International Association of Young Scientists for the support provided to scientists in the project "VI International Book Edition" "THE BEST YOUNG SCIENTISTS – 2022"</li> <li>4. Letter of thanks from the Rector of the Higher School of Economics named after S.Amanzholov for the education and training of the younger generation, 2022</li> <li>5. I degree diploma to the participant of the contest "II International Book edition", "The best teacher – 2022"</li> <li>6. Gylym zhane zhogary bilim ministerin Kurmet gramotasy, 2022</li> <li>7. Letter of thanks from the head of the city Department of education No. Alaguzova for active participation in the environmental difile "Kaldyktan zhasalghan san ulgisi - 2022"</li> <li>8. Letter of thanks from the director of the "Orleu" branch of Ust – Kamenogorsk for active and creative work in the XXII regional pedagogical natural science conference "Regional component in the environmental education system – 2023"</li> <li>9. Letter of thanks for the support provided to active youth in the project "YOUNG SCIENTIST – 2023"</li> <li>10. Letter of thanks from the director of the Republican Additional Education R. Sher for active participation in the system of additional education and upbringing of the younger generation.</li> <li>11. Letter of thanks to the head of the city Department of Education S.Alaguzova for active participation in the competition "Menin tandauym – TAZA KALA" 2023</li> <li>12. Letter of thanks from the head of the regional Department of Education of the East Kazakhstan region I.Chernysheva for active and creative work in the regional ecological and biological conference of schoolchildren, 2024</li> </ol>