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"Management and engineering in
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Professional experience:

From 1999-2004 senior lecturer and
from 2004 to the present time associate
professor at ENU. L.N. Gumilyov at the
departments of Biology, Geography,
Management and Engineering in the
field of environmental protection.
1997-1999 Researcher, Laboratory of
Immunology, Research Institute of
Urology named after BOO.
Dzharbusynov, Almaty.
1991-1997 Junior Research Fellow.

Academic degree, scientific school:

PhD in Biological Sciences. Kazakh State University. Al-Farabi.
Faculty of Biology, Almaty, Scientific Research Institute of
Urology named after BOO. Dzharbusynov, Almaty.

Research interests: Hydroecology, hydrobiology, waste
management.

Scientific grants:

- 1) Project participant: Initiative for the creation of GEO (environmental monitoring using "in situ and space-tools" observation) capacities in Central Asia. Special Fund of the European Commission. 01.01.2010- 31.12.2011
- 2) Head of the project "Heterotrophic bacteria of the Esil River within the city of Astana and their role in the processes of natural river purification", 2012-2014. financed by the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan (Contract No. 514 dated 5.04.2012).
- 3) Participant of the project "Study of the effect of toxic metabolites produced by photoautotrophs on aquatic ecosystems to ensure the safety of drinking water and marketable fish" 2012-2014. financed by the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan (Contract No. 514 dated 5.04.2012).
- 4) Head of the project "Ecotoxicological studies of hydrobiocenoses of fishery reservoirs of the Esil river basin within the Akmola region", 2015-2017. funded by the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan
- 5) Participant of the project "Study of a number of lakes in the North Kazakhstan region to replenish the database of lakes in the North Kazakhstan region". Customer: State Institution "Department of Natural Resources and Environmental Management of North Kazakhstan Region". March-November 2013. Technical specification of the purchased services under the program 254.008.000 "Measures for environmental protection".
- 6) Participant of the project "Biological substantiation of reclamation fishing and scientific research fishing in the reservoirs of the RSU Korgalzhyn State Nature Reserve for 2016 and the forecast of fish catch for 2017" within the framework of the program "Rational use of natural resources and protection of protected areas"
Ministry of Agriculture of the Republic of Kazakhstan for 2015-2016
- 7) Participant of the Erasmus + project: Institutional partnership for the sustainability of transboundary water use: Russia and Kazakhstan ERASMUS +: Project 561775-EPP-1-2015-1-DE-EPPKA2-CBHE-JP Trans-Regional Environmental Awareness for Sustainable Usage of Water Resources (TREASURE-WATER) / 202016-2019 /
- 8) Participant of the project "Macrophytes of urbanized territories of northern regions of Kazakhstan and the possibility of their application in" green "technologies. 2018-2020. funded by the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan
- 9) Participant of the project "Public ecological expertise for the Taldykol lake system". The Association of Individual Entrepreneurs and the Association "Kazakhstan Chamber of Environmental Auditors". Institution non-governmental organization "ecosphere", Nur-Sultan, 2020.
- 10) Participant of the project of Inventory of water bodies and

	<p>stand-alone hydraulic structures in the administrative territory of the city of Nur-Sultan. Public Foundation "Non-Governmental Ecological Foundation named after IN AND. Vernadsky in the Republic of Kazakhstan ", Nur-Sultan, 2020.</p>
<p>Awards: none</p>	<p>Courses taught: New technologies for the rational use of natural resources (M), Biogeochemistry and ecotoxicology (B), social ecology (B), Hazardous waste management (M).</p> <p>Author's courses: mutagenesis and the environment (B), waste management (B), Introduction to the specialty and biometrics (B), ecological genetics (B), radiation safety (E), The origin and evolution of the biosphere (B), Integrated water resources management (M), Water security (D).</p> <p>Publications (favorites)</p> <ol style="list-style-type: none"> 1. Akbayeva L., R. Muratov., A. Zhamangara, R. Beisenova, B. Zhantokov. Seasonal Dynamics of Phytoplankton and Bacterial Plankton Characteristics in Esil River // Biosciences biotechnology research Asia. December 2014. 2. Tatayeva, R., Karimbaeva, B., Zhantikeev, S., Akbayeva, L., Musina, A. Application of projective methods in the prevention of high-destructive behavior of students // Georgian medical news, 2019. 3. Akbayeva, L., Tulegenov, E., Omarbayeva, A., (...), Victoris, V., Zhanabayev, A. Ecotoxicological studies of Akmola region lakes // Potravinarstvo Slovak Journal of Food Sciences. 2019. 4. AKBAYEVA, Lyailya et al. Studying the Self-Cleaning Ability of Water Bodies and Watercounts of Arshalyn District of Akmola Region. Journal of Environmental Management and Tourism, [S.l.], v. 11, n. 5, p. 1095-1104, aug. 2020. ISSN 2068-7729.