



**Bauyrzhan Kapsalyamov**  
Professor

**Contacts:**

kapsalyamov\_ba@enu.kz  
[19575859@mail.ru](mailto:19575859@mail.ru)  
 Mob: +77713136034  
 Work: +7(7172) 309-500 (33-305)

**Professional experience:**

Vice President of Social Found "SRC of Salt Technologies".

2014 to present – ENU named after L.Gumilev, Professor of "Management and Engineering in Environmental Protection" of the Faculty of Natural Sciences

2011-2014 Deputy Director of General Development Ltd. "Lithium industry", Professor of Zhezkazgan State University named after Baykonurov. Zhezkazgan

- 2007-2011 Associate Professor, a Senior fellow at the South Kazakhstan State University named after M. Auezov, Shymkent.

- 1995-2007 Head of the Department "Industrial Ecology" Kazakh-Turkish International University named after Yasawi, Kentau

- prior to 1995, Deputy Head of the Manufacture №2, Plant "Carbide" Temirtau.

**Awards:**

By the decision of the Organizing Committee of the National Business Rating in the Republic of Kazakhstan on the basis of ratings of enterprises in Russia, Belarus, Kazakhstan and Ukraine was awarded the medal "For outstanding and efficient work" from June 22, 2013.

Certificate number 00239.

**Scientific degree:**

Doctor of Technical Sciences, in 05.16.02 - «Ferrous, non-ferrous and rare metals».

Associate Professor, asserted by the Kazakhstani Higher Attestation Committee in: "Life Safety".

**Total work performance –41 years. Professional activity – 31 years**

**Research interests:** Production of Man-Made and Recycled Materials; Processing of Industrial Wastes for Production of Metals, Carbide Calcium etc.

**Research Grants** (participation in the projects as a principal researcher) Ministry of Education and Science of Kazakhstan (contract No 726, 610, 382), State Budget Program of the Ministry for Industry and Trade of Kazakhstan (contracts No 24/25, No 5/18, No17/11). MES RK on the topic: IRN AR05135766 "Investigation of the processes of interphase distribution of components of lithium-boron-magnesium hydromineral raw materials of natural and man-made origin" 2018-2020.

**Courses taught:** Engineering protection of the environment (B), Environmental chemistry. (B).

**Developed courses:** Protection of Biosphere from Industrial Pollution (D).

**Publications (selected)**

1. Shevko V. M., Kapsalyamov B. A., Kolesnikov A. S., Kalashnikov E. Ya. Electrothermal processing of phosphogypsum and barite to produce ferroalloys and calcium carbide, monograph.-Shymkent: 2012. 248s.

2. A. Sarsenov, V. K. Bishimbaev, B. A. Kapsalamov, K. K. Lepesov, K. M. Gapparova, P. Grzesiak. Chemical modification of cellulose for boron sorption from water solutions. Polish Journal of Chemical Technology, 20, 4, 123-128, 10.2478/pjct-2018-0064

3. A. Baeshov, A. K. Baeshova A. S. Kadyrbaeva, K. K. Lepesov, B. A. Kapsalyamov.. Formation of ultra-dispersed selenium powders on a titanium electrode in two half-cycles of industrial alternating current. Bulletin of the Orenburg Scientific Center of the Ural Branch of the Russian Academy of Sciences, 2019, No. 4. pp. 1-10. DOI: 10.24411/2304-9081-2019-14002

4 V. K. Bishimbayev, K. K. Lepesov, M. Zh. Nurushev, B. A. Kapsalyamov. UV spectra of lithium-and boron-containing aqueous solutions. Bulletin of the Orenburg Scientific Center of the Ural Branch of the Russian Academy of Sciences, 2019, No. 4. pp. 1-10. DOI: 10.24411/2304-9081-2019.

5. Abseitov E. T., Sarsenov A., Kapsalyamov B. A., etc. Patent No. 34343 of 22.05.20 "Method of potentiometric determination of boric acid content in technogenic and natural water environments"

6. A. Baeshov, A. K. Baeshova, K. K. Lepesov, B. A. Kapsalyamov. Patent for the invention "Method for extracting selenium from acidic selenate-containing solutions" 2019/0768, 1.21.10. 2019

