

Name: Galimkair Mutanov

Birth Date: March 27, 1957

Birth place: Belterek, East Kazakhstan

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galimkairmutanov@gmail.com



Present Position: Rector of al-Farabi Kazakh National University,
Professor, Academician,
Doctor of Technical Sciences

© EDUCATION

1991-1993	Moscow State Mining University, Doctoral degree, major - Automation of technological processes
1983-1986	Moscow State Mining University, Postgraduate degree, major - Automation of technological processes
1980-1982	Research internship at Moscow Institute of steel & alloys, Chair of Automation of technological processes
1974-1979	Kazakh Polytechnic Institute, Automation and Telemechanics

© PROFESSIONAL EXPERIENCE

10.2010 - present	Rector of al-Farabi Kazakh National University, Almaty city
07.2003 - 10.2010	Rector of D. Serikbayev East Kazakhstan State Technical University, Oskemen city
01.2002 – 06.2003	First Vice-Minister of the Ministry of Education and Science of the Republic of Kazakhstan
06.1996 – 01.2002	Rector of North Kazakhstan State University, Petropavlovsk city
02.1995 - 06.1996	Rector of Higher technical college of North Kazakhstan State University, Petropavlovsk city
12.1993 - 02.1995	Professor, Head of the Chair of ATPP of Rudniy Industrial Institute, Rudniy city
06.1987 - 12.1991	Senior lecturer, Associate Professor, Head of the Chair of ATPP of Rudniy Industrial Institute, Rudniy city
04.1987 - 06.1987	Junior researcher, Moscow State Mining University, Moscow city
11.1983 - 02.1987	Postgraduate, Moscow State Mining University, Moscow city
09.1980 - 09.1982	Research intern, Moscow Institute of steel & alloy, Moscow city
09.1979 - 11.1980	Teacher, Rudniy Industrial Institute, Rudniy city

© MEMBERSHIP

President of the National Higher Education Academy of Kazakhstan

President of the International Association Universities Open Network (UNION)

Vice-President of the National Academy of Sciences, Kazakhstan

Member of World Academy of Art and Science (WAAS)

Member of the International Association of University Presidents (IAUP)

Member of the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan

Member of the COMSTECH Scientific Advisory Council (COMSTECH-SAC)

Member of the International Econometric Society (IES)

Member of the Royal Economic Society (RES)

many others

© AWARDS

Honored worker of science and technology of Kazakhstan, 1998

The State Order of Parasat of the Republic of Kazakhstan, 2006

The best inventor of the Republic of Kazakhstan, 2008

The Order "For strengthening of the Commonwealth", 2008, CIS, Moscow

Medal of Maria Sklodowska-Curie, Poland, 2011

Medal of M. V. Lomonosov, Russia, 2012

The State Order "Palme Académiques", France, 2013

The Cross of the Order of Merit, Poland, 2014

The State Order of Barys III degree of the Republic of Kazakhstan, 2014

Medal "For contribution to the development of Turkic world" (TURKSOY), 2014

The Golden Medal "Award of ISESCO (Islamic Organization for Education, Science and Culture) in science and technology ", 2016

The Golden Medal of the President of the Republic of Korea, 2018

The State Order of Merit of the President of Italy, 2018

The State Medal of Merit in Science and Education, Turkey, 2020

many others

© ACHIEVEMENTS

- Founder of the School of Mathematical Modeling, Management of Technological, Social and Economic Systems based on the use of Artificial Intelligence and Expert Systems.
- Author of 500 scientific publications, including more than 50 monographs, tutorials, textbooks in the field of mathematical modeling, socio-economic, technical processes and systems management: holder of more than 75 patents and inventions, including foreign ones (U.S.). Thesis director of more than 40 doctors, 3 Ph.D and candidates of Sciences.
- Made a significant contribution to the development of the theory of process

control, situational management, risk management, modeling of socio-economic systems and processes and their management.

© SELECTED PUBLICATIONS

- **Books:**
- Mutanov G. Managing the Risk in Underground Mining Plants Accidents. Monograph - Almaty: Gylm, 1996. – P. 291. (in Russian).
- Mutanov G., Akberdin R. Graph Theory: textbook for higher education students in mathematical specialties. 2nd edition. – Almaty: Kazakh University Press, 2012. – P. 256. (in Russian).
- Mutanov G., Kulikova V. Mathematical Modeling of Economic Processes: textbook for higher education students in mathematical and economic specialties. 2nd edition. – Almaty: Kazakh University Press, 2012. –P. 356. (in Russian).
- Mutanov G., Kutuzova E. Energy Entropy Methods of Evaluation and the Management of Economic Systems. 2nd edition. Monograph – Almaty: Kazakh University Press, 2012. – P.142. (in Russian).
- Mutanov G., Shintemirova A. Mathematical Modeling of the Budget. – Astana: Regis-ST Polygraph, - 2003. – P.176. (in Russian).
- Mutanov G., Kulikov V., Kulikova V. Information Support for Investment Decision under the Risk. 2nd edition. – Almaty: Kazakh University Press, 2012. – P.456. (In Russian).
- Mutanov G. Mathematical Methods and Models in Economics. - Almaty: Al-Farabi University Press. 2011.- 446 P. (in Russian).
- Mutanov G., Mamykova Zh. Methods and Mathematical Models of Budget Software Management. Monograph. - Ust-Kamenogorsk: D.Serikbayev University Press. 2008.- 143 P. (in Russian).
- Mutanov G., Kurmashev I. Information System of Decision Support for Currency Trading. Monograph. Ust-Kamenogorsk: D.Serikbayev University Press. 2009.- 130 P. (in Russian).
- Mutanov G., Abdikerova G. Information System Evaluation of Innovative Projects. 2nd edition. – Almaty: Kazakh University Press, 2012. – P.136.
- Mutanov G., Lapteva E. Mathematical Methods of Formation of Education path. 2nd edition. – Almaty: Kazakh University Press, 2012. – P.114.
- Mutanov G., Turganbayev E., Kozlova M. Methods and Models of Regional Economy on the basis of Cluster Approach. - Ust-Kamenogorsk: East Kazakhstan State Technical University, 2011. – 190 P. (in Russian).
- Mutanov G., Mamykova Zh., Saksembaeva Zh. Decision Making in Risk Condition Budget System. Germany: LAP LAMBERT Academic Publishing, 2012. – 164 P.
- Mutanov G. Mathematical and Economic Methods and Models. Monograph. – Almaty. Kazakh University Press, 2011. – P. 472.
- Mutanov G. Innovations: from Idea to Implementation. - Almaty: Kazakh

- University Press, 2012. – P. 212.
- Galimkair Mutanov. Mathematical Methods and Models in Economic Planning, Management and Budgeting. Second Edition. Springer-Verlag Berlin Heidelberg 2015, Springer Heidelberg New York Dordrecht London, Library Congress Control Number: 2014955682. – 356 P.
 - Mutanov G., Mamykova Zh., Kumargazhanova. Result oriented management: the case on Serikbayev East Kazakhstan University– 2nd edition. Monograph – Kazakh University Press, 2011. – P. 120.
 - Mutanov G.M., Denisova O.K. Process management in higher education institutions. - Almaty. Kazakh University Press, 2011. – P. 135.
 - Mutanov G.M., Tomilin A.K., Kukina Yu.E., Duzkeneva N.A. Quality management of higher education. Kazakh University Press, 2011. - P.113.
 - Mutanov G., Ivel V.P. Automated systems for measuring and analyzing electrocardiological signals. 2nd edition. Kazakh University Press, 2012. – P. 242.
 - Mutanov G., Shakarimova A.B., Criulko N.S., Khegay O.M. Distance learning (experience of implementation at EKSTU). 2nd edition. Kazakh University Press, 2012. – P. 106.
 - Mutanov G. Shakarimova A.B. Educational portal of the university. Theory and practice. 2nd edition. Kazakh University Press, 2012. – P. 352.
 - Mutanov G. Tynybekova S.D., Khisamiev N.G. Problem-oriented course of differential equations for students of technical universities: textbook. 2nd edition. Kazakh University Press, 2012. – P. 144.
 - Mutanov G., Syzdykov D. Zh., Uzdenbaev Zh.Sh., Kylyshkanov M.K. Synthesis of adaptive control algorithms for continuous technological processes, Monograph. 2nd edition. Kazakh University Press, 2012. – P.146.
 - Mutanov G. Transformation of technical university into innovative university. 2nd edition, - Kazakh University Press, 2012. – P. 500.
 - Mutanov G., Batalova Yu.V. Management of training specialists in market conditions: theory, methodology, practice. 2nd edition. Kazakh University Press, 2012. – P. 300.
 - Mutanov G., Suleimenov B.A. Process control in non-ferrous metallurgy. 2nd edition. Kazakh University Press, 2012. – P. 280.
 - Mutanov G., Shevchuk E.V. Expert system for assessing classes by testing. 2nd edition. Kazakh University Press, 2012. – P. 152.
 - Mutanov G. University without corruption: guidelines for the practical implementation of the system of anti-corruption technologies in higher education. 2nd edition. Kazakh University Press, 2012. – P. 56.
 - Mutanov G. Education. Science. Innovations: scientific works. Kazakh University Press, 2013. 3rd edition. – P. 254.
 - Mutanov G. Unforgettable light of student years. Kazakh University Press, 2014. – P. 290.
 - Mutanov G.M., Mamykova Zh. D., Yesengalieva Zh. Evaluation of innovative projects on the basis of methods of artificial intelligence: textbook. Kazakh

- University Press, 2015. – P. 100.
- Mutanov G.M., Sagieva R.K., Zhuparova A.S., Sakharieva A.S. Innovative Kazakhstan. Monograph. Kazakh University Press, 2015. – P. 150.
 - «经济计划、管理预算编制中的数学方法和模: 第二版», (哈) 哈利木卡尔·模塔诺夫; 北京: 中国人民大学出版, 2019.8 ISBN 978-7-300-27294-8. P. 312.
 - Mutanov G.M. Goodness – Қайырымдылық – Доброта: a collection of thoughts and proverbs. Kazakh University Press, 2020. – P 156.
 - Mutanov G. M. The shining light: poems. Kazakh University Press, 2019. – P. 104.
- ***Edited Books:***
- Al-Farabi and modernity: a textbook. Kazakh University Press, 2014. – P. 223.
 - Smart City on the New Silk Road. International Experience of Sustainable Development Goals. Kazakh University Press, 2019. – P. 295.
 - The First All-Union Turkological Congress. 2nd edition. Add. Kazakh University Press, 2019. – P. 565.
 - Al-Farabi's scientific legacy (comments to works). Kazakh University Press, 2020. – P. 274.
 - Al-Farabi and the Dialogue of Civilizations (philosophical heritage). Kazakh University Press, 2020. – P. 368.
 - Әбу Насыр әл-Фараби ٢- رسالة في السياسة «Саясат жайлы трактат» (Рисала фи-с Сиаса//Әл-Мауъиза) / аударып, ғылыми түсініктерін, қосымшаларын жазған Хаван А. – Алматы: Қазақ университеті, 2020. – 169 б. ISBN 978-601-04-4930-5 (in Kazakh).
 - Абу Наср аль-Фараби ٢- الرسالة في السياسة Трактат о политике (Рисала фи-с Сиаса//Аль-Мауъиза) / перевод, научные комментарии – А. Хаван, Е. Есдәулет. – Алматы: Қазақ университеті, 2020. – 152 б. ISBN 978-601-04-4929-9 (in Russian).
 - Әбу Насыр әл-Фараби ٣- والوحدة الواحد كتاب «Китаб әл-уахид уал-уахда» (Бір және Бірлік) / ауд. Ы.М. Палтөре. – Алматы: Қазақ университеті, 2020. – 396 б. ISBN 978-601-04-4933-6 (in Kazakh).
 - Абу Наср аль-Фараби ٣- كتاب الواحد والوحدة «Единое и единство» (аль-Уахид уаль-Уахда) / перев. А.А. Мустафаевой. – Алматы: Қазақ университеті, 2020. – 387 с. ISBN 978-601-04-4932-9 (in Russian).
 - Әбу Насыр әл-Фараби ١- الحكم فصوص «Фусус әл-хикам» (даналық маржандары) / Араб тілінен аударған және түсініктеме берген философия ғылымдарының кандидаты Ж. Сандыбаев. – Алматы: Қазақ университеті, 2020. – 120 б. ISBN 978-601-04-4927-5 (in Kazakh).
 - Abu Nasr al-Farabi: Encyclopedia – Qazaq University Press, 2020. P. 680.
 - and many others.

- ***Refereed Academic Journal Articles:***
- Abdrakhmanova, M., Mutanov, G., Mamykova, Z. Agents interaction and queueing system model of real time control of students service center load balancing. Volume 11055 LNAI, 2018, Pages 349-359 // Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics).
- Mutanov, G., Ziyadin, S., Shaikh, A. Graphic Model for Evaluating the Competitiveness and Eco-efficiency of Eco-innovative Projects. Volume 6, Issue 4, June 2019, Pages 2136-2158 //Entrepreneurship and Sustainability Issues.
- Mutanov, G., Ziyadin, S., Serikbekuly, A. Application of system-dynamic modeling to improve distribution logistics processes in the supply chain. Volume 22, Issue 3, 8 July 2020, Pages 29-39. // Communications - Scientific Letters of the University of Zilina.
- Mutanov, G., Zhuparova, A., Zhaisanova, D. Measuring the knowledge-based performance efficiency in the oil-exported countries. Volume 16, Issue 3, 2020, Pages 109-122. Montenegrin Journal of Economics.
- Mutanov G., Serikbekuly A. Fast Reengineering for Distribution Logistic Processes in Small Companies in Kazakhstan Based on Graphical and System Dynamic Model. Proceedings of the 34th International-Business-Information-Management-Association (IBIMA) Conference. Vision 2025: Education Excellence and Management of Innovations through Sustainable Economic Competitive Advantage. P. 11687-11697.
- Mutanov G., Milosz M., Saxenbayeva Z., Kozhanova A. Investments Decision Making on the Basis of System Dynamics. Proceedings of 10th Asian Conference on Intelligent Information and Database Systems (ACIIDS). Volume 769. Modern Approaches for Intelligent Information and Database Systems. Springer-Verlag Berlin. P. 293-303.
- Mutanov G., Ramazanov T., Togambayeva A., Akhmetova A. International Experience in the Integration of Science, Education and Business: Perspectives for Application in Kazakhstan. Proceedings of the International Conference on Business and Economics (ICBE2017). Issue July 06-08, 2017. P. 81-84. International Conference of the Korea Distribution Science Association.
- Mutanov G., Sagiyeva R., Zhuparova A. Measurement and Management of Knowledge Intensity Innovation Project. Innovation Management and Sustainable Economic Competitive Advantage: from Regional Development to Global Growth, Vols i - vi, 2015. P. 3109-3112.
- Mutanov G., Alimzhanov Y., Saxenbayeva, Z. Using Learning Activities Data from MOOCS to revise Course Content. 9th International Conference on Education and New Learning Technologies (EduLearn17). P. 4544-4550.
- Mutanov G., Mamykova Z., Kopnova O., Bolatkhon M. Applied research of data management in the education system for decision-making on the example of Al-Farabi Kazakh National University. Volume 159, 2020. The 1st International Conference on Business Technology for a Sustainable Environmental System (BTSES-2020). Section: Chapter 9: Quality Education. P. 12.

- and many others.
- **Reports:**
- Methodological foundations of transformation of classical universities into innovative universities and their implementation.: research report / EKSTU; – Ust-Kamenogorsk, 2007. – P. 355. – № ГР 0107PK00010. – Inv. № 0208PK00135.
- Expert system for assessing budget deficit / surplus (on the case of East Kazakhstan region). – 2011. – Inv. № 0109PK00213.
- Mathematical methods and models of tasks to ensure the safety of the population and objects of the national economy in emergency situations: research report/ Institute of Seismology MN-AN RK, KazNIITI. – Almaty, 1997. – P. 40.
- Mathematical methods and models for evaluating scientific and innovative projects: research report / Ministry of Education and Science. Al-Farabi KazNU; – Almaty, 2012. – P.130. – № ГР 0112PK01049. – Inv. № 0212PK01720.
- Mathematical methods and models for evaluating scientific and innovative projects: research report / Ministry of Education and Science. Al-Farabi KazNU; – Almaty, 2013. – P. 97. – № ГР 0112PK01049. – Inv. № 0213PK02559.
- Mathematical methods and models for evaluating scientific and innovative projects: research report / Ministry of Education and Science. Al-Farabi KazNU; – Almaty, 2012. – P.130. – № ГР 0112PK01049. – Inv. № 0212PK01720.
- Mathematical methods and models for evaluating scientific and innovative projects: research report / Ministry of Science and Education. Al-Farabi KazNU; – Almaty, 2014. – P. 84. – № ГР 0112PK01049. – Inv. № 0214PK01255.
- Scientific and methodological foundations for increasing the competitiveness of higher educational institutions of the Republic of Kazakhstan / Ministry of Science and Education, Research Institute of Mathematics and Mechanics – Almaty, 2015 – P. 75. – № ГР 0115PK01214. – Inv. № 0215PK01525.
- Scientific and methodological foundations for increasing the competitiveness of higher educational institutions of the Republic of Kazakhstan / Ministry of Science and Education, Research Institute of Mathematics and Mechanics – Almaty, 2016. – № ГР 0115PK01214.
- Scientific and methodological foundations for increasing the competitiveness of higher educational institutions of the Republic of Kazakhstan (final) / Ministry of Science and Education, Research Institute of Mathematics and Mechanics – Almaty, 2017. – № ГР 0115PK01214.
- Scientific and methodological foundations for the development and implementation of information and communication technologies in the educational system. / Ministry of Science and Education, Research Institute of Mathematics and Mechanics – Almaty, 2012 – P. 164.– № ГР 0112PK01488. – Inv. № 0212PK01116.
- Scientific and methodological foundations for the development and implementation of information and communication technologies in the

educational system. / Ministry of Science and Education, Research Institute of Mathematics and Mechanics – Almaty, 2013 – P. 276. – № ГР 0112PK01488. – Inv. № 0213PK02558.

- Scientific and methodological foundations for the development and implementation of information and communication technologies in the educational system. / Ministry of Science and Education, Research Institute of Mathematics and Mechanics – Almaty, 2014 – P. 158. – № ГР 0112PK01488. – Inv. № 0214PK01254.
- Development and assembly of a software and hardware complex and creation of an experimental model of a nanosatellite.: / Ministry of Science and Education, Tech-Park of al-Farabi KazNU, – Almaty, 2013. – P. 47 . – № ГР 0113PK00287. – Inv. № 0213PK01201.
- Development and assembly of a software and hardware complex and creation of an experimental model of a nanosatellite.: / Ministry of Science and Education, Tech-Park of al-Farabi KazNU, – Almaty, 2014. – P. 83. – № ГР 0113PK00287. – Inv. № 0214PK01293.
- Development and assembly of a software and hardware complex and creation of an experimental model of a nanosatellite.: / Ministry of Science and Education, Al-Farabi KazNU, Tech-Park of al-Farabi KazNU, – Almaty, 2015. – P.124. – № ГР 0113PK00287. – Inv. № 0215PK01220.
- Foundation of the school for the development of space technologies. Design, assembly and launch of the first Kazakhstani nanosatellite: / Ministry of Science and Education, Al-Farabi KazNU, Research Institute of Mathematics and Mechanics – Almaty, 2015. – P. 96. – № ГР 0115PK02000. – Inv. № 0215PK01840.
- Foundation of the school for the development of space technologies. Design, assembly and launch of the first Kazakhstani nanosatellite: / Ministry of Science and Education, Al-Farabi KazNU, Research Institute of Mathematics and Mechanics – Almaty, 2017. – P. 67. – № ГР 0115PK02000.
- and many others.

◎LANGUAGE SKILLS:

- Kazakh – native
- Russia – fluent
- English – Proficient

◎ADDITIONAL INFORMAITON:

Honored figure of sports of the Republic of Kazakhstan, master of sports of the USSR in judo wrestling. Poetry collections have been translated into many languages and have been awarded prestigious international literary Awards such as: Ernest Hemingway Prize, J. London Award, N. Gogol Prize, Makhtumkuli, M. Kashgari, Y. Balasaguni and many others.