KERIMKHULLE
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Professional experience:
– 2004-present, L.N. Gumilyov Eurasian National University (Astana), Deputy Dean Faculty of Economics for Science, Chair of Finance, Director of Laboratory for Econometric Studies, Professor of Information Systems;
– 1993-2004, Narkhoz University (Almaty), Senior Lecturer, Associate Professor and Chair of Applied Economics;
– 1983-1993, Institute of Mathematics and Mathematical Modeling of Science Committee of the Ministry of Science and Higher Education of the Republic of Kazakhstan (Almaty), Engineer, Junior and Senior Researcher of Laboratory Applied Methods of Analysis.

Awards:
– IT competencies and online learning methodology. Astana, Kazakhstan, L.N. Gumilyov Eurasian National University, – Certificate of advanced training course (17.01.2023-01.02.2023, 72 hours).
– Integrated business processes in SAP S/4HANA, – Peter the Great Saint Petersburg State Polytechnic University (SPbPU), St. Petersburg, Russia, – Certificate of advanced training course (06.02.2021-27.02.2021, 72 hours).

Scientific degree and title, scientific school:
– Doctor of Economics (2004), doctoral program students, 1999-2002, University of Narhoz (Almaty), 08.00.13-mathematical and instrumental methods of economics, scientific school: prof. acad. Baizakov S.B.
– Candidate of Physics and Mathematics (1989), postgraduate program students, 1986-1989, al-Farabi Kazakh National University (Almaty), 01.01.02-differential equations, scientific school: prof., acad. Kalmenov T.S.
– Mathematics (1983), Faculty students, 1978-1983, al-Farabi Kazakh National University (Almaty), 01.01.01-mathematical analysis, scientific school: prof., acad. Otelbaev M.O.
– Scientific internship (2012), Russian Academy of Sciences, Central Economics and Mathematics Institute (CEMI RAS, Moscow), 08.00.05 – economics and management of the national economy, scientific school: corresponding member of RAS, prof. Bakhtizin A.R.
– Professor, Accreditation by specialty 08.00.00 – economic sciences, protocol No. 4 dated 11.10.2006, No. 0000175, Almaty, Republic of Kazakhstan.

Research interests: computer, mathematical and econometric modeling; computer systems, models and methods of digital computing and processing of big data of society and business; intellectual information technologies of the system of inter-industry links; technologies for remote sensing and precision farming.

Research grants: to present date:
– Scientific supervisor of the project of grant funding for scientific research of the Committee of Science of the Ministry of Science and Higher Education of the Republic of Kazakhstan on the topic: Development of an intelligent information technology to support decision-making to improve the efficiency of inter-industry ties (Agreement No. 171/36-21-23 dated April 13, 2021, grant No. AP09259435).

Readable Courses: Systems for processing semi-structured big data (Ph.D.), Quantitative methods in management (M), Analysis, modeling and design of information systems (M), Mathematical statistics (B).

Publications of Kerimkhulle S. (favorites):

– Using Physical Coefficients of Economic Statistics to Equalize of Input-Output Table Accounts. *Lecture Notes in Networks and Systems*, 2023, **596** LNNS, pp. 501-511. (Scopus: Percentile=**12%** (2021), Web of science: Quartile=**Q4** (2021)).

– Agriculture, Hunting, Forestry, and Fishing Industry of Kazakhstan Economy: Input-Output Analysis. *Lecture Notes in Networks and Systems*, 2023, **596** LNNS, pp. 786-797. (Scopus: Percentile=**12%** (2021), Web of science: Quartile=**Q4** (2021)).

– Estimation of the volume of production of turbine vapor of a fuel boiler with stochastic exogenous factors. *E3S Web of Conferences*, 2022, **339**(4), 02006. (Scopus: Percentile=**25%** (2021), Web of science).

– The Nonlinear Model of Inter-Sectoral Linkages of Kazakhstan for Macroeconomic Decision-Making Processes in Sustainable Supply Chain Management. *Sustainability*, 2022, **14** (21), 14375. (Scopus: Percentile=**86%** (2021), Web of science: Quartile=**Q1** (2021)).

– The Evaluation of Creditworthiness of Trade and Enterprises of Service Using the Method Based on Fuzzy Logic. *Applied Sciences*, 2022, **12** (22), 11515. (Scopus: Percentile=**73%** (2021), Web of science: Quartile=**Q2** (2021)).

– Assessment of Regional and Sectoral Parameters of Energy Supply in the Context of Effective Implementation of Kazakhstan's Energy Policy. *Energies*, 2022, **15**(5), 1777. (Scopus: Percentile=**85%** (2021), Web of science: Quartile=**Q1** (2021)).

– The Estimate One-Two-Sided Confidence Intervals for Mean of Spectral Reflectance of the Vegetation. *Journal of Physics: Conference Series*, 2022, **2388** (1), 012160. (Scopus: Percentile=**18%** (2021), Web of science: Quartile=**Q4** (2020)).

– The Use Leontief Input-Output Model to Estimate the Resource and Value Added. *SIST 2022 – 2022 International Conference on Smart Information Systems and Technologies, Proceedings*, 2022, 9945746 (Scopus, Web of science).

– The Kazakhstan Republic Economy Three Sectoral Model Inter-Sectoral Linkages Resource Assessment. *Lecture Notes in Networks and Systems*, 2022, **502** LNNS, pp. 542-550. (Scopus: Percentile=**12%** (2021), Web of science: Quartile=**Q4** (2021)).

– Development of Rural Tourism Based on Green Technologies in Kazakhstan. *Environmental Footprints and Eco-Design of – Products and Processes*, 2022, pp. 17-26. (Scopus: Percentile=**23**% (2021), Web of science).

– Financial Provision of the Agro-industrial Complex of Kazakhstan: Problems and Solutions. *Environmental Footprints and Eco-design of Products and Processes*. 2022, pp. 27-32. (Scopus: Percentile=**23%** (2021), Web of science).

– Atmospheric correction of Landsat-8 / Oli data using the FLAASH algorithm: Obtaining information about agricultural crops. *Journal of Theoretical and Applied Information Technology,* 2021, **99** (13), pp. 3110-3119. (Scopus: Percentile=**30%** (2021), Web of science: Quartile=**Q4** (2021)).

– Analysis of access to the electricity transmission network using information technologies in some countries. *E3S Web of Conferences*, 2021, **258**, 11003. (Scopus: Percentile=**25%** (2021), Web of science).

– Analysis of the development of renewable energy and state policy in improving energy efficiency. *E3S Web of Conferences*, 2021, **258**, 11011. (Scopus: Percentile=**25%** (2021), Web of science).

– In-Field Crop-Weed Classification Using Remote Sensing and Neural Network, *2021 IEEE International Conference on Smart Information Systems and Technologies (SIST)*, 2021, 9465970 (Scopus, Web of science).

– «Green» bonds – a tool for financing "Green" projects in countries. *E3S Web of Conferences,* 2021, **244**, 10060. (Scopus: Percentile=**25%** (2021), Web of science).

– Dynamics of Bitcoin trading on the Binance cryptocurrency exchange. *Economic Annals-XXI*, 2021, **187**(1-2), pp. 177-188. (Scopus: Percentile=**57%** (2021), Web of science: Quartile=**Q3** (2021)).

– Application of information technologies in marketing: Experience of developing countries. *Espacios*, 2019*,* **40** (38). (Scopus: Percentile=**19%** (2019), Web of science: Quartile=**Q3** (2019)).