ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW
ISSN: 2319-2836
IMPACT FACTOR: 7.603
Vol 12, Issue 07, 2023

RATIONAL USE OF WATER IN AGRICULTURE OF THE REPUBLIC OF UZBEKISTAN AND ITS PROBLEMS

Mullabayev Baxtiyarjon Bulturbayevich
Associate professor, Namangan Engineering and Construction Institute

Gulbahor Shakirova
Namangan Engineering and Construction Institute

Annotation: The article analyzes the state of water use in agriculture in Uzbekistan and examines the reasons for their waste. It analyzes the current state of water use on irrigated agricultural lands in the world and in the country, as well as programs of measures to address issues and problems of efficient use, and makes relevant proposals for their more efficient use. It also analyzes the views of experts on the recognition of water efficiency indicators in relation to key indicators, based on the fact that the same indicators cannot be applied uniformly as a result of global climate change, given the characteristics of specific and relative indicators of water use efficiency. In Namangan region, econometric models of changes in the volume of production depending on the conditions of water use in arable lands were developed and analyzed. As an indicator of water efficiency, crop yields were studied and suggestions and recommendations for water efficiency were presented.

Keywords: agriculture, water, aquaculture, water scarcity, irrigated lands, water consumer associations, productivity.

Introduction

The fact that in the Republic of Uzbekistan agricultural production and care of basic agricultural crops are fully entrusted to farms, the main share of farms in the production of food products, including fruits, vegetables and livestock, testifies to the fact that production is carried out entirely on private property.

The total area of agricultural lands in the country is 20,236.3 thousand hectares, of which arable lands - 3988.5 thousand hectares, perennial forests - 383.1 thousand hectares, gray lands - 76 thousand hectares, hayfields and pastures - 11028.3 thousand hectares, other lands - 4760 hectares. 4,000 hectares[1]. Agriculture is the leading sector of the economy in the country, employing 3.6 million people (27% of those employed in the economy). The share of the industry is 32% of the country's GDP.

In recent years, the country has been implementing consistent reforms to ensure food security, improve the quality of agricultural products and export potential. Exports of agricultural and food products bring to the Republic of Uzbekistan about 20-25 percent of total export earnings. Currently, more than 180 types of agricultural and food products are exported to more than 80 countries.

As a result of the reforms, a cluster approach to agricultural production was introduced, which covered 62% of agricultural land in cotton and textiles, 8% in animal husbandry and 7.5% in fruit and vegetables.

At the same time, there are a number of untapped opportunities for further development of the sector, increasing farmers' incomes, ensuring food security and sustainable use of natural resources. In particular, the increase in the number of privately owned water-using agricultural enterprises has led to an increase in the complexity of the water use system, which in turn has led to problems in the distribution of water in the water system.

Such negative consequences can be observed not only in the Republic of Uzbekistan, but also around the world. Studies show that agriculture currently accounts for 70 percent of the world's freshwater consumption, but in many countries water use efficiency is less than 50 percent. According to the FAO forecast, by 2050, the growth of water for agriculture will increase by 50 percent, taking into account the needs of the growing population.

However, the misuse and misuse of water in the global freshwater supply and its decline due to climate change will lead to problems such as water scarcity and pollution in many countries around the world, with serious impact on food security and environmental sustainability in the future. Also, as a result of global climate change, periodic water shortages in recent years and the deterioration of the main part of domestic irrigation networks have led to the deterioration of the reclamation status of irrigated arable lands and their decommissioning over the years.

In this regard, large-scale irrigation and reclamation measures are being implemented in the Republic of Uzbekistan within the framework of state programs to increase the productivity of irrigated lands, improve the reclamation status and water supply. As a result, during 2008-2017, the water supply of more than 1.7 million hectares of irrigated land and the reclamation of 2.5 million hectares were improved. It should be noted that the basis for the rational and efficient use of water resources is the value of consumers to the water supplied. At the same time, it is important for water consumers to work with water suppliers and regulate water use.

The purpose of the study

To study the state of water use in agriculture and identify ways to optimize water efficiency. Achieving this goal is possible by solving the following tasks:

- Carrying out economic and econometric assessment of water use in agriculture in Namangan region;
- Development of proposals and recommendations on the directions of efficient use of water, taking into account the standard level of water in the study area, and identification of key areas.

Literature review

On the topic of increasing water productivity in agriculture, D.Molden et al., Improving Irrigation. J.M. Faurès et al. on comprehensive assessment of food and water management in agriculture, G. Fischer on climate change mitigation for irrigation water demand in 1990–2080, F. Nachtergaele on global land and water use trends, on drought lands The use of groundwater to meet demand has been studied by H. Garduno and S. Foster. [2-6]

In addition to the impact of climate change on the hydrological cycle, other challenges, including water mismanagement, Vijayetta Sharma, S.Jackson, Prospects for Water Use in the Tropical Region of Northern Australia, Surface and Groundwater, Atmospheric Air, Soil, Flora and Fauna V.V. Kundius conducted scientific research on the effect of [7-9]

Research Methodology

ISSN 2319-2836 (online), Published by
ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW.,
under Volume: 12 Issue: 07 in July-2023
https://www.gejournal.net/index.php/APJMMR

ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW
ISSN: 2319-2836
IMPACT FACTOR: 7.603
Vol 12, Issue 07, 2023

Always the methodologies used in the research process are selected based on the purpose. The article uses a number of methods, including statistical grouping, comparison, economic and modeling (forecasting) methods to search for rational measurements and determine the optimal solution in the new economic and organizational conditions.

Analysis and results

In many parts of the world, including the Republic of Uzbekistan, the demand for water resources is growing, and the shortage of water is growing from year to year. Until 2000, the low-water season was observed once every 6-8 years, but in recent years this process has been repeated every 3-4 years. At the same time, water shortages are deeply felt by consumers, especially in the lower reaches of rivers and away from canals and other water sources. In our view, in order to make reasonable use of the water used to irrigate the fields, the farmer must first establish and fully comply with its water supply contractual relations with its Water Consumers Associations (SIUs) and pay for water supply services in a timely manner. should go.

In the analysis of cases of efficient use of water on the example of agriculture in Namangan region of the Republic of Uzbekistan, we aimed to realize the impact of land and water on the gross agricultural output using econometric models.

To do this, we will first consider the analysis of cotton and wheat crops grown in the early days of agriculture in the Republic of Uzbekistan on the state order and now grown on demand. To do this, the volume of cotton grown in Namangan region in 2000-2019 − Water consumption for growing cotton - Ssc and land area allocated for cotton − Emcni correlation coefficient is determined (Table 1).

Table 1

Correlation coefficient of factors affecting the volume of cotton grown in Namangan region

	Yc	*Emc*	*Ssc*
Yc	1		
Emc	0,730742	1	
Ssc	0,722046	0,697339186	1

According to the results in Table 1, the factors were selected correctly and the factors were more intensive than the outcome factor ($r_{Yc,Emc}$=0,730742 and $r_{Yc,Ssc}$=0,722046) between connected and factors $r_{Emc,Ssc} \leq 0,8$ conditionally, ($r_{Emc,Ssc}$=0,69734) multicollinearity does not exist.

It should be noted that since the selected units of measurement are different, it is advisable to obtain a natural logarithm for each indicator column. This allows, first of all, to prevent various collisions arising on the defined equation, as well as to ensure the reliability of the result obtained. The coefficients of the regression equation for the calculated columns and the results for their significance are given in Table 2 below.

Table 2

Coefficients of the regression equation and results on their significance

Dependent Variable: LNYC

ISSN 2319-2836 (online), Published by
ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW.,
under Volume: 12 Issue: 07 in July-2023
https://www.gejournal.net/index.php/APJMMR

ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW
ISSN: 2319-2836
IMPACT FACTOR: 7.603
Vol 12, Issue 07, 2023

Method: Least Squares
Date: 06/30/23 Time: 11:03
Sample: 2000 2023
Included observations: 20

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LNEMC	1.943862	2.214357	0.877845	0.0323
LNSSC	-1.093422	2.327844	-0.469567	0.0446
C	4.617068	6.106485	0.756093	0.0499

R-squared	0.544722	Mean dependent var	12.31421
Adjusted R-squared	0.491160	S.D. dependent var	0.169783
S.E. of regression	0.121111	Akaike info criterion	-1.246729
Sum squared resid	0.249356	Schwarz criterion	-1.097370
Log likelihood	15.46729	Hannan-Quinn criter.	-1.217573
F-statistic	10.16992	Durbin-Watson stat	1.834513
Prob(F-statistic)	0.000046		

Based on the data in Table 2, when the t-Statistica criterion is df = 19 and a = 0.05 t_{tab}=2,093 parameters in the equation (t_{Emc}=0,8779 and t_{Ssc}=-0,4696) insignificance. However, it is possible to test the significance of the parameters using MAPE (Mean Absolute Percentage Error) and TIC (Tayl inequality coefficient) (Figure 3).

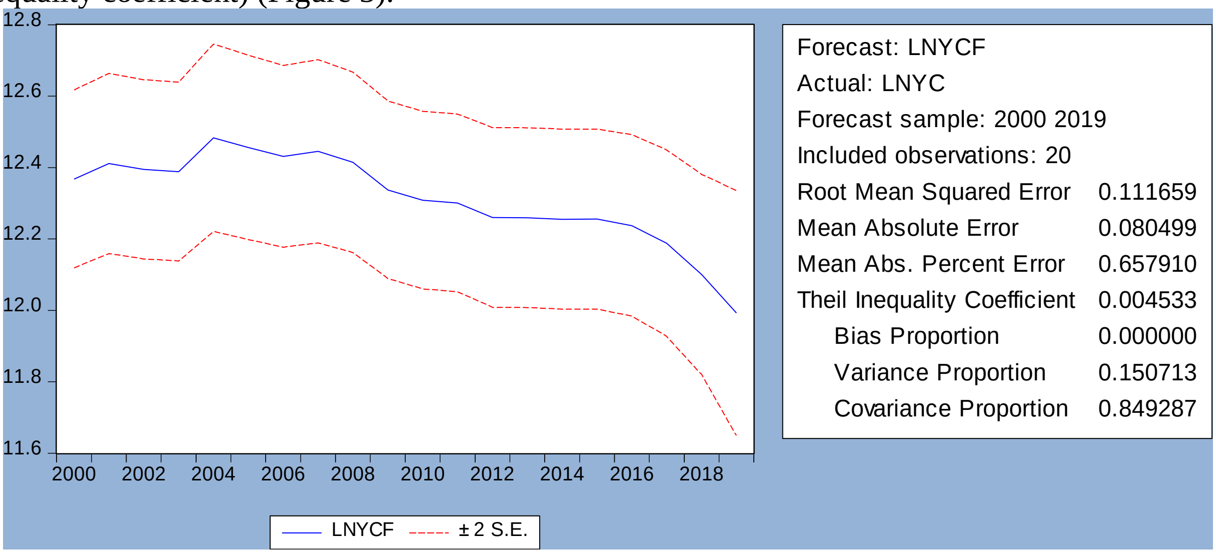

Figure 3. The result of the MAPE and TIC criteria of the importance of the parameters

ISSN 2319-2836 (online), Published by
ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW.,
under Volume: 12 Issue: 07 in July-2023
https://www.gejournal.net/index.php/APJMMR

From the data in Figure 3, it can be seen that MAPE = 0.6579, which in turn means that the higher the MAPE <10% forecast accuracy and the higher the TIC = 0.005 forecast accuracy, the greater the coefficient tends to zero. This gives the following (y) -regression equation:

$$LnYc=1,944LnEms-1,0934222LnSsc+4,62 \quad (1)$$

The logarithmic equations are generally potentiated in order to simplify the calculation of the (1) -model described above, to achieve the accuracy of the result, and to make the future results reliable and easy to calculate. When this equation is potentiated, it looks like this:

$$Yc = \frac{Emc^{1,944} * e^{4,62}}{Ssc^{1,0934222}} \quad (1^*)$$

From this potentialized (1 *) - regression equation and the time-dependent equations of each selected factor:

Water consumption for growing cotton – $Ssc = 647127{,}3 - 10671{,}1 * t$;
Land allotted for cotton − $Emc = 98087{,}5 - 1618{,}4 * t$;
A multi-factor forecast of gross cotton yield in Namangan region is made using the results of which is given in Table 4.

Table 4

Multifactorial forecast of gross cotton harvest in Namangan region

Years	Gross yield of cotton, tons	Land area, e	Consumed water, thousand cubic meters
2022	158118,7	64101,1	423034,2
2023	154712,7	62482,7	412363,1
2024	151293,5	60864,3	401692
2025	147860,7	59245,9	391020,9
2026	144413,8	57627,5	380349,8
2027	140952,4	56009,1	369678,7

According to the forecast results of Table 4, the gross yield of cotton in Namangan region by 2027 is expected to decrease by 10.9% compared to 2022, reaching 140,952.4 tons. This change is the result of the implementation of measures to gradually reduce the cotton monopoly in the Republic of Uzbekistan.

The structure of water consumption in agriculture is characterized by the following indicators: production needs - 2%; household and drinking needs - 4.6%; irrigated agriculture -81.4%; water supply to agriculture - 5.3%, other needs - 7.1% [10]. Based on these indicators, if we pay attention to the equation, we can see that the volume of water used for cotton cultivation is high, which in turn leads to the waste of large amounts of water, which leads to the need to focus on water conservation in the country.

Now we consider the econometric analysis of cases of wheat cultivation in agriculture of Namangan region. To do this, the total wheat crop grown in the region viloy The area of land allocated for wheat affected by the cultivation of YB − Emb and the volume of water consumed in it − Ssb factors are selected and the above steps are performed in a certain sequence to perform the analysis.

Table 5

Correlation coefficient of factors affecting the volume of wheat grown in Namangan region

	Yb	*Em*	*Ss*
Yb	1		
Emb	0,75936975	1	
Ssb	0,75876012	0,597366848	1

According to the results in Table 1, the factors were selected correctly and the factors were more intensive than the outcome factor ($r_{Yb,Emb}$=0,7594 and $r_{Yb,Ssb}$=0,7588) between connected and factors $r_{Emb,Ssb}\leq 0,8$ conditionally, ($r_{Emb,Ssb}$=0,59737) multicollinearity does not exist. The coefficients of the regression equation for the logarithmic column values determined in the next step and the results for their significance are given in Table 6 below.

Table 6

Coefficients of the regression equation and results on their significance

Dependent Variable: LNYb
Method: Least Squares
Date: 06/30/23 Time: 13:52
Sample: 2000 2023
Included observations: 20

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LNEmb	2.815186	9.325963	0.301865	0.0064
LNSsb	0.254863	9.279291	0.027547	0.0483
C	-22.35500	15.73770	-1.420474	0.0036

R-squared	0.544880	Mean dependent var	12.93091
Adjusted R-squared	0.491337	S.D. dependent var	0.141019
S.E. of regression	0.100576	Akaike info criterion	-1.618328
Sum squared resid	0.171963	Schwarz criterion	-1.468969
Log likelihood	19.18328	Hannan-Quinn criter.	-1.589172
F-statistic	10.17639	Durbin-Watson stat	1.976290
Prob(F-statistic)	0.001242		

ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW
ISSN: 2319-2836
IMPACT FACTOR: 7.603
Vol 12, Issue 07, 2023

Based on the data in Table 6, when the t-Statistica criterion is df = 19 and a = 0.05 t_{tab}=2,093 parameters in the equation (t_{Emb}=0,3019 and t_{Ssb}=-0,0276) insignificance. Therefore, the significance of the parameters is checked using MAPE and TIC criteria (Figure 7).

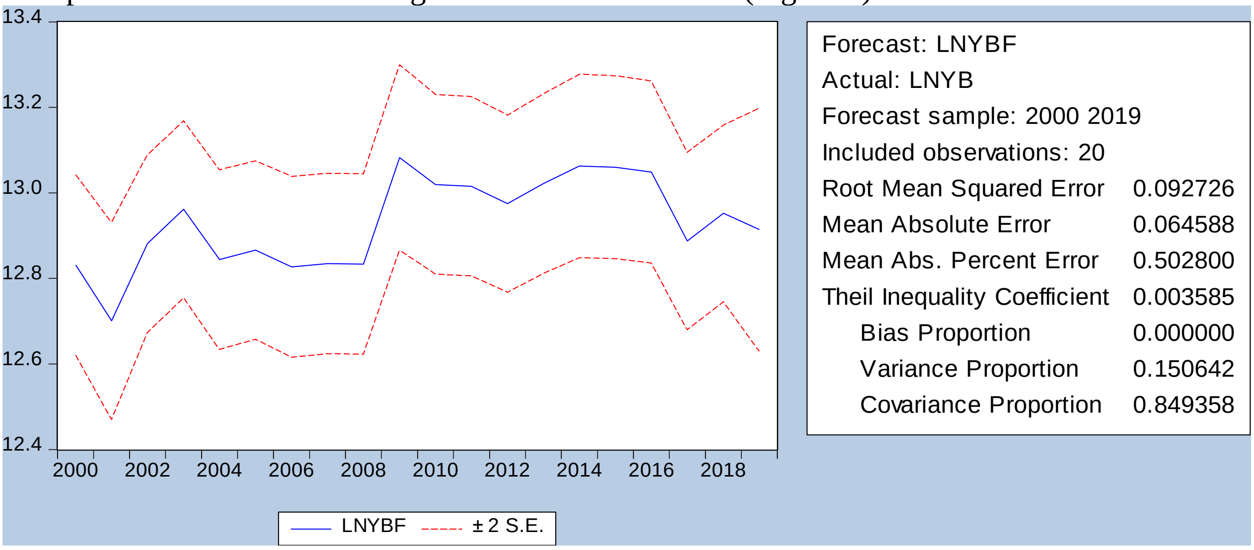

Figure 7. Results of MAPE and TIC criteria

From the data in Figure 7, it can be seen that MAPE = 0.5028, which in turn means that the higher the MAPE <10% forecast accuracy and the higher the TIC = 0.0036 forecast accuracy, the greater the coefficient tends to zero. This gives the following (2) -regression equation:

$$Yb=2,82LnEmb+0,254863LnSsb-22,4 \quad (2)$$

When the equation (2) -regression is potentiated, the following equation (2 *) - is formed:

$$Yb = \frac{Emb^{2,82} * Ssb^{0,254863}}{e^{22,4}} \quad (2*)$$

(2*) and from the time-dependent equations of the following factors:

Land allotted for wheat $- Emb = 80330,6 + 278,8 * t;$

Water consumption for wheat cultivation $– Ssb = 3546526,5 + 1288,8 * t;$

Using the system of equations, we make a multifactor forecast of changes in the volume of gross wheat production in Namangan region, and the results are reflected in Table 8 below.

8-жадвал

Multifactorial forecast of changes in the volume of gross wheat production in Namangan region

ISSN 2319-2836 (online), Published by
ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW.,
under Volume: 12 Issue: 07 in July-2023
https://www.gejournal.net/index.php/APJMMR

Years	Wheat production volume, tons	Land area, e	Consumed water, thousand cubic meters
2022	410060,7	86185,4	383591,3
2023	414166,4	86464,2	384880,1
2024	418299,7	86743	386168,9
2025	422460,7	87021,8	387457,7
2026	426649,6	87300,6	388746,5
2027	430866,4	87579,4	390035,3

According to Table 8, the volume of gross wheat production in Namangan region in 2027 is expected to increase by 6.1% compared to 2022 and reach 430866.4 tons. It should be noted that such positive results will be achieved, first of all, due to an increase in land area by 1.9% and water volume by 2.0% and the implementation of measures by the Government of the Republic of Uzbekistan on water efficiency.

Discussion

The vast majority of arable land in the country requires regular reclamation (saline irrigation of many areas). This, in turn, leads to an increase in water use in this case as well. In this sense, in order to improve the use of water and the reclamation of agricultural land, we think it is expedient to do the following:

- The water management system requires the establishment of a single agro-industrial complex, the constant expenditure of large funds. Such a source of funding and its more efficient use requires that it be in the hands of the state alone;
- The majority of agricultural lands require reclamation. This again requires a unified investment policy of the state;
- For the agriculture of the Republic of Uzbekistan, in our opinion, an important area of effective use of land and water resources in the face of water shortages is to improve the composition of crops within the existing arable land.

Conclusion/Recommendations

In conclusion, the analysis of modern use of water and land resources in agriculture shows the low efficiency of their use. There are many reasons for this, but the main ones are: applied irrigation equipment and technologies; the existing economic system, which does not ensure the rational use of bioclimatic resources of the country and, consequently, low yields; lack of paid nature use, etc.

In addition, the existing normative-methodological framework and the existing economic mechanism of nature management do not contribute to the efficient use of natural resources in irrigated agriculture. This is traditionally explained by the fact that the main goals and objectives of land reclamation are limited to addressing current issues aimed at combating consequences rather than causes.

With the development of hydraulic reclamation in our country, the main focus is not on creating conditions for increasing natural resources, increasing the value of land use, environmental sustainability of natural and economic systems and stabilizing agricultural production, but on accelerating agricultural production and food security.

REFERENCES

1. Bulturbayevich, M. B., & Sharifjanovich, Q. T. (2023). PROBLEMS OF RISK MANAGEMENT IN FARM ACTIVITIES. *ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603*, *12*(05), 31-39.
2. Bulturbayevich, M. B., Abduvafoevna, M. M., & Murathodjaevna, S. F. (2023). IMPROVEMENT OF MODERN ENERGY INDUSTRIES IN THE CONDITIONS OF DIGITAL ECONOMY. *ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603*, *12*(05), 1-8.
3. Bulturbayevich, M. B. (2023). Increase The Share Of The Population In The Economic Sectors Through The Development Of Small Business And Private Entrepreneurship. *Journal of Survey in Fisheries Sciences*, *10*(2S), 2937-2943.
4. Bulturbayevich, M. B., & Sharifjanovich, Q. T. (2023). MANAGEMENT SYSTEMS OF AGRICULTURAL PRODUCTS IN THE REPUBLIC OF UZBEKISTAN. *INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, IT, ENGINEERING AND SOCIAL SCIENCES ISSN: 2349-7793 Impact Factor: 6.876*, *17*(01), 1-8.
5. Bulturbayevich, M. B. (2022). The Role Of Small Business Entities In The Development Of The Republic Of Uzbekistan. *INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, IT, ENGINEERING AND SOCIAL SCIENCES ISSN: 2349-7793 Impact Factor: 6.876*, *16*(11), 17-22.
6. Bulturbayevich, M. B., & Botir, G. (2022). THEORETICAL FOUNDATIONS OF SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, *11*(09), 44-47.
7. Bulturbayevich, M. B., & Abduvafoyevna, M. M. (2022). Development of Methodology for Managing the Activities of Vertically Integrated Industrial Enterprises. *INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, IT, ENGINEERING AND SOCIAL SCIENCES ISSN: 2349-7793 Impact Factor: 6.876*, *16*(06), 95-105.
8. Bulturbayevich, M. B., & Abdulkholik, I. (2022). THE STATISTICAL NATURE OF ECONOMIC DATA. *American Journal of Interdisciplinary Research and Development*, *5*, 86-93.
9. Bulturbayevich, M. B., & Abdulkholik, I. (2022, June). SELECTION OF DEPENDENT AND UNRELATED VARIABLES. In *Conference Zone* (pp. 38-41).
10. Bulturbayevich, M. B., & Baxromovna, B. L. (2022, June). Application of nonlinear regression models. In *Conference Zone* (pp. 299-303).
11. Bulturbayevich, M. B., & Baxromovna, B. L. (2022). Individual and market demand. reverse demand function. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, *11*(05), 32-40.

12. Bulturbayevich, M. B. (2022). TAXES AND THEIR TRANSFER. LOSS OF" DEAD" CARGO WHEN TAXED. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, *11*(05), 22-31.

13. Bulturbayevich, M. B., & Baxromovna, B. L. (2022). PRICING. LIMITED INCOME LINES. ELASTICITY BY INCOME. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, *11*(05), 41-50.

14. Bulturbayevich, M. B. (2022). In Private Entrepreneurship Employee Incentives Issues. *Asia Pacific Journal Of Marketing & Management Review Issn: 2319-2836 Impact Factor: 7.603*, *11*(04), 21-27.

15. Bulturbayevich, M. B. (2022). In Private Entrepreneurship Employee Incentives Issues. *Asia Pacific Journal Of Marketing & Management Review Issn: 2319-2836 Impact Factor: 7.603*, *11*(04), 21-27.

16. Bulturbayevich, M. B., Ikromjonovich, T. I., & Mahmudjon o'g'li, H. N. (2021, December). Types of competence. In *Conference Zone* (pp. 281-286).

17. Bulturbayevich, M. B., & Ikromjonovich, T. I. (2021, December). THE ROLE OF MANAGEMENT PSYCHOLOGY IN SOCIAL LIFE. In *Conference Zone* (pp. 265-267).

18. Bulturbayevich, M. B., & Ikromjonovich, T. I. (2021, December). Requirements for modern management personnel. In *Conference Zone* (pp. 260-264).

19. Bulturbayevich, M. B., & Ikromjonovich, T. I. (2021, December). HISTORY OF THE DEVELOPMENT OF MANAGEMENT THEORY AND PRACTICE. In *Conference Zone* (pp. 309-312).

20. Bulturbayevich, M. B., & Ikromjonovich, T. I. (2021, December). GENDER ISSUES IN GOVERNANCE. In *Conference Zone* (pp. 277-280).

21. Bulturbayevich, M. B., Ikromjonovich, T. I., & Ismoiljon o'g'li, A. A. (2021, December). MASTERY OF RHETORIC IN MANAGEMENT. In *Conference Zone* (pp. 287-291).

22. Batirovich, A. B., Yusufxonovich, K. P., & Bulturbayevich, M. B. (2021). Improving the Efficiency of Management of Vertically Integrated Industrial Enterprises in the Management of Innovative Activities of Enterprises. *Design Engineering*, 10605-10618.

23. Tursunalievich, A. Z., & Rahmat, A. (2021). Challenges In Developing A Digital Educational Environment. *Aksara: Jurnal Ilmu Pendidikan Nonformal*, *7*(2), 247-254.

24. Bulturbayevich, M. B. (2021). Development Of Innovative Activities Of Enterprises On The Basis Of Vertical Integration Processes. *Turkish Journal of Computer and Mathematics Education (TURCOMAT)*, *12*(10), 5020-5031.

25. Tursunalievich, A. Z., Bulturbayevich, M. B., Ismatullayevich, S. I., Urayimovich, B. O., & Yokubovna, Y. H. (2021). Use of Gravitation Models in the Development of Tourism and Recreation. *Annals of the Romanian Society for Cell Biology*, 3124-3143.

26. Bulturbayevich, M. B., & Qobuljon, T. (2021, February). THE STATUS OF DEVELOPMENT OF SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP DURING THE CORONAVIRUS PANDEMY. In *Archive of Conferences* (Vol. 15, No. 1, pp. 124-129).

27. Bulturbayevich, M. B. (2021, February). Improving the mechanisms of strategic management of innovation processes in enterprises. In *Archive of Conferences* (Vol. 15, No. 1, pp. 130-136).

28. Tursunbaevich, B. B., Bulturbayevich, M. B., & Rahmat, A. (2021). The Impact of The Pandemic on The Economy of The Republic of Uzbekistan. *Aksara: Jurnal Ilmu Pendidikan Nonformal*, *7*(1), 161-168.

29. Bulturbayevich, M. B., Rahmat, A., & Murodullayevich, M. N. (2021). Improving Teacher-Student Collaboration And Educational Effectiveness By Overcoming Learning Challenges. *Aksara: Jurnal Ilmu Pendidikan Nonformal*, *7*(1), 153-160.

30. Sotvoldiev Nodirbek Jurabaevich, & Mullabayev Baxtiyarjon Bulturbayevich. (2021). ECONOMIC DIAGNOSTICS OF HIGHER EDUCATION INSTITUTION. *Web of Scientist: International Scientific Research Journal*, *1*(01), 1–10. Retrieved from https://wos.academiascience.org/index.php/wos/article/view/1

31. Ismoilov, R. B., Mullabayev, B. B., Usmonov, R. K., & Bakhriddinov, J. R. CONDUCTING MARKETING RESEARCH AND DEVELOPING THEM.

32. Bulturbayevich, M. B., Ikromjonovich, T. I., Xurshidjon og, M. A., & Narimanjon og, T. D. (2021, December). LEADERSHIP AND LEADERSHIP IN MANAGEMENT PSYCHOLOGY. In *Conference Zone* (pp. 271-276).

33. Bulturbayevich, M. B., Ikromjonovich, T. I., Zohidjon ogli, N. M., & Hayrullo ogli, M. S. (2021, December). THE MAIN DIRECTIONS OF MODERN MANAGEMENT PSYCHOLOGY. In *Conference Zone* (pp. 292-294).

34. Mullabaev, B. B. Introduction of vertical integration processes in the development of innovative activities in the production sectors. *Electronic scientific journal of economics and innovative technologies*, 1-6.

35. Mullabaev, B. B. Improving the strategy of vertical integration in manufacturing enterprises. *Business Expert Scientific and Practical Monthly Economic Journal*, 46-49.

36. Jurayevich, M. B., & Bulturbayevich, M. B. (2021). The Role of Investment in Ensuring High Rates of Economic Growth. *Academic Journal of Digital Economics and Stability*, *11*, 39-43.

37. Ismatullayevich, S. I., & Bulturbayevich, M. B. Bokhodirova Zulfizar Bokhodir qizi.(2021). DEVELOPMENT OF SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP IN THE ECONOMY OF THE REPUBLIC OF UZBEKISTAN. Academicia Globe: Inderscience Research, 2 (6), 419–425.

38. Bulturbayevich, M. B., & Ismatullayevich, S. I. (2021). THE IMPORTANCE OF THE IMPLEMENTATION OF VERTICAL INTEGRATION PROCESSES IN THE DEVELOPMENT OF INNOVATIVE ACTIVITIES IN INDUSTRIAL ENTERPRISES. *Web of Scientist: International Scientific Research Journal*, *2*(06), 220-228.

39. Ismatullayevich, S. I., & Bulturbayevich, M. B. (2021). Development of small business and private entrepreneurship in the economy of the republic of Uzbekistan. *Academicia Globe*, *2*(6), 419-425.

40. Bulturbayevich, M. B. (2021). Challenges of Digital Educational Environment. *Academic Journal of Digital Economics and Stability*, *4*, 54-60.

41. Bulturbayevich, M. B., & G'ovsiddin, N. (2021). Formation and management of the investment portfolio of a commercial bank. *International Engineering Journal For Research & Development*, *6*, 5-5.

42. Bulturbayevich, M. B., & Ibrohim, E. (2021). EXPANDING EXPORT OPPORTUNITIES FOR SMALL BUSINESSES AND PRIVATE ENTREPRENEURSHIP. *International Engineering Journal For Research & Development*, *6*, 6-6.

43. Bulturbayevich, M. B., & Diyora, J. R. (2021). PROSPECTS FOR THE DEVELOPMENT OF INNOVATIVE ACTIVITIES OF INDUSTRIAL ENTERPRISES. *International Engineering Journal For Research & Development*, *6*, 5-5.

44. Bulturbayevich, M. B., & Nurbek, N. (2021). OPPORTUNITIES TO INCREASE THE COMPETITIVENESS OF SECTORS OF THE ECONOMY, INVESTMENT AND EXPORT POTENTIAL. *International Engineering Journal For Research & Development*, *6*, 6-6.

45. Bulturbayevich, M. B., & Sardor, O. L. (2021). IMPORTANT ASPECTS OF THE METHODS USED IN THE RISK ANALYSIS OF INVESTMENT PROJECTS. *International Engineering Journal For Research & Development*, *6*, 6-6.

46. Bulturbayevich, M. B., & Bekzod, N. (2021). CREATING AN EFFECTIVE ENVIRONMENT FOR ATTRACTING FOREIGN DIRECT INVESTMENT IN THE TEXTILE INDUSTRY IN THE REGIONS. *International Engineering Journal For Research & Development*, *6*, 5-5.

47. Jurabaevich, S. N., & Bulturbayevich, M. B. (2021). Possibilities of using foreign experience to increase the quality of education in reforming the education system of the Republic of Uzbekistan. *Web of Scientist: International Scientific* Research Journal, 1(01), 11-21.

48. Jurabaevich, S. N., & Bulturbayevich, M. B. (2021). Directions for improving the food market in the Fergana region. Innovative Technologica: Methodical Research Journal, 2(01), 1-8.

49. Jurabaevich, S. N., & Bulturbayevich, M. B. (2021). Directions for food security in the context of globalization. *Innovative Technologica: Methodical Research Journal*, *2*(01), 9-16.

50. Jurabaevich, S. N., & Bulturbayevich, M. B. (2021). Management Of Higher Education Institution-As An Object Of Economic Diagnostics. *Emergent: Journal of Educational Discoveries and Lifelong Learning (EJEDL)*, *1*(01), 11-20.

51. Roxatalievich, S. B., Xakimovich, A. R., Mamadjanovic, Y. K., Xapizovich, H. A., & Bulturbayevich, M. B. (2020). The Results Of The Assessment Of The Investment Potential Of The Regions Of The Republic Of Uzbekistan. *European Journal of Molecular & Clinical Medicine*, *7*(3), 4428-4437.

52. Jo'rayevich, M. B., Baxritdinovich, I. R., & Bulturbayevich, M. (2020). The Role Of Regional Governance In The Development Of Small Business And Private Entrepreneurship. *European Journal of Molecular & Clinical Medicine*, *7*(7), 705-711.

53. Tursunalievich, Z., & Rakhmonberdievna, T. D. (2020). Problems And Prospects Of Development Of Agrologistics In The Republic Of Uzbekistan. *European Journal of Molecular & Clinical Medicine*, *7*(07), 2020.

54. Bulturbayevich, M. B., Tursunalievich, A. Z., Ahmadjanovna, M. T., Bozorovich, U. C., & Qizi, N. N. N. (2020). Development Of Public-Private Partnership In The Organization Of Regional Tourist And Recreational Complexes. *European Journal of Molecular & Clinical Medicine*, *7*(7), 778-788.

55. Azizbek, K., Tursunalievich, A. Z., Gayrat, I., Bulturbayevich, M., & Azamkhon, N. (2020). Use of gravity models in the development of recreation and balneology. *PalArch's Journal of Archaeology of Egypt/Egyptology*, *17*(6), 13908-13920.

56. Baxriddinovich, I. R., & Bulturbayevich, M. B. (2020). Mahmudova Nilufar G'ulomjonovna, Usmonov Rustamjon Karimjonovich va Baxriddinov Jahongir Ravshanjon o'g'li," BOZORNI RIVOJLANISH SHARTLARIDA ZAMONAVIY MARKETING TADQIQOTLARIDAN FOYDALANISH", IEJRD-International Multidisciplinary Journal, vol. 5, yo'q. *Maxsus nashr, p. S oktyabr, 2G2G yil*.

57. Jurayevich, M. B., & Bulturbayevich, M. B. (2020). Attracting Foreign Investment In The Agricultural Economy. *International Journal of Business, Law, and Education*, *1*(1), 1-3.

58. Turgunpulatovich, Y. E., & Bulturbayevich, M. B. (2020). THE ESSENCE OF SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP AND THE THEORETICAL BASIS OF ITS DEVELOPMENT. *IEJRD-International Multidisciplinary Journal*, *5*(6), 7.

59. Косимова, Д. (2020). Improvement of the strategy of vertical integration in industrial enterprises. *Архив научных исследований*.

60. Jurayevich, M. B., & Bulturbayevich, M. B (2020). The impact of the digital economy on economic growth. *International Journal on Integrated Education*, *3*(6), 16-18.

61. Bulturbayevich, M. B., Sharipdjanovna, S. G., Ibragimovich, A. S., & Gulnora, M. (2020). Modern features of financial management in small businesses. *International Engineering Journal For Research & Development*, *5*(4), 5-5.

62. Bulturbayevich, M. B., & Jurayevich, M. B. (2020). The impact of the digital economy on economic growth. *International Journal of Business, Law, and Education*, *1*(1), 4-7.

63. Bulturbayevich, M. B., Sharipdjanovna, S. G., & Ibragimovich, A. S. Ways to Develop Entrepreneurship Through Innovation. *International Journal of Innovations in Engineering Research and Technology*, 1-5.

64. Mullabaev, B. B. Analysis of scientific aspects of managing innovation activity of enterprises in the context of structural changes in the economy. *Electronic scientific journal of economics and innovative technologies*, 1-8.

65. Mullabaev, B. B. Analysis of innovative activities in the context of structural changes in the economy of the Republic of Uzbekistan. *Business Expert Scientific and Practical Monthly Economic Journal*, 30-32.

66. Mahmudov, B. J., & Bulturbayevich, M. B. (2015). Attracting foreign investment in the agricultural economy. *Glob. Oppor. Index*, *1*, 2-4.

67. Bulturbayevich, M. B. (2020). Management of innovation processes-An important factor for increasing the competitiveness of enterprises. *European Journal of Molecular and Clinical Medicine*, *7*(7), 712-719.

68. Jurabaevich, S. N., & Bulturbayevich, M. B. (2020). THE ROLE OF DIAGNOSTIC MODELS IN THE STUDY OF THE ACTIVITIES OF HIGHER EDUCATION INSTITUTIONS. *ResearchJet Journal of Analysis and Inventions*, *1*(01), 54-65.

69. Bulturbayevich, M. B., Tursunalievich, A. Z., Ahmadjanovna, M. T., & Bozorovich, U. C. (2020). Nuriddinova Nilufar Nuriddin qizi." Development Of Public-Private Partnership In The Organization Of Regional Tourist And Recreational Complexes. *European Journal of Molecular & Clinical Medicine*, *7*(7).

70. Bulturbayevich, M. B., Muhiddinovna, I. M., Sharipdjanovna, S. G., Urinboevich, A. A., & Gulnora, M. Issues of Improving the Efficiency of Corporate Governance in Enterprises in the Context of Modernization of the Economy. *JournalNX*, 117-122.

71. Muhiddinovna, I. M., Bulturbayevich, M. B., Sharipdjanovna, S. G., Urinboevich, A. A., & Gulnora, M. The Role of Structural Changes in Small Business in the Development of the Economy of the Republic of Uzbekistan. *JournalNX*, 107-116.

72. Mardonakulovich, B. M., & Bulturbayevich, M. B. (2020). Digital economy: sustainable and high-quality economic growth. *Academicia Globe*, *1*(01), 9-16.

73. Jurabaevich, S. N., & Bulturbayevich, M. B. (2020). Improving economic diagnostics and its implementation mechanism in assessing the quality of higher education.

74. Mardonakulovich, B. M., & Bulturbayevich, M. B. (2020). Economic growth: Quality and the digital economy. *Academicia Globe*, *1*(01), 1-8.

75. Bulturbayevich, M. B., Saodat, S., Umida, J., Shakhnoza, N., & Feruza, S. Theoretical and Practical Bases of Investments and Processes of Their Distribution in the Conditions of Modernization of Economy. *International Journal on Integrated Education*, *3*(9), 132-137.

76. Jurabaevich, S. N., & Bulturbayevich, M. B. (2020). DIRECTIONS AND PECULIARITIES OF STATE REGULATION OF THE FOOD MARKET. *ResearchJet Journal of Analysis and Inventions*, *1*(01), 1-8.

77. Jurabaevich, S. N., & Bulturbayevich, M. B (2020). The Concept of Food Safety and Its Scientific-Theoretical Concept. *ResearchJet Journal of Analysis and Inventions*, *1*(01), 9-22.

78. Jurabaevich, S. N., & Bulturbayevich, M. B. (2020). THE SYSTEM OF HIGHER EDUCATION IN THE DEVELOPMENT OF THE NATIONAL ECONOMY. *ResearchJet Journal of Analysis and Inventions*, *1*(01), 23-32.

79. Bulturbayevich, M. B., Guligavkhar, I., & Gulchekhra, U. (2020). Issues Of Development Of Light Industry Enterprises Through Modern Management Mechanisms And Forecasting Of Corporate Structures On The Basis Of Vertical Integration Processes. *International Journal of Advanced Science and Technology*, *29*(1975), 1986.

80. Abduganievich, A. U., Bakhriddinovich, I. R., & Bulturbayevich, M. B. Bakhriddinov Jahongir Ravshanjon ogli.(2020). CURRENT SITUATION OF INVESTMENT IN THE NATIONAL ECONOMY. International Engineering Journal For Research & Development, 5 (Special Issue), 7.

81. Bakhriddinovich, I. R., Bulturbayevich, M. B., Gulomjanovna, M. N., & Karimjanovich, U. R. (2020). Bakhriddinov Jahongir Ravshanjon ogli,"USE OF MODERN MARKETING RESEARCH IN THE CONTEXT OF MARKET DEVELOPMENT", IEJRD-International Multidisciplinary Journal, vol. 5, no. *Special Issue*, 8.

82. Abdurashidovich, B. D., Bakhriddinovich, I. R., & Bulturbayevich, M. B. Bakhriddinov Jahongir Ravshanjon ogli.(2020). THE STATE OF DEVELOPMENT OF SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP DURING THE CORONAVIRUS PANDEMIC. International Engineering Journal For Research & Development, 5 (Special Issue), 8. *International Engineering Journal For Research & Development*, *5*(8).

83. Abdurashidovich, B. D., Bakhriddinovich, I. R., Bulturbayevich, M. B., & Ogli, B. J. R. (2020). The State Of Development Of Small Business And Private Entrepreneurship During The Coronavirus Pandemic. *International Engineering Journal For Research & Development*, *5*, 8-8.

84. Abduganievich, A. U., Bakhriddinovich, I. R., & Bulturbayevich, M. B. (2020). Current Situation Of Investment In The National Economy. *International Engineering Journal For Research & Development*, *5*, 7-7.

85. Bakhriddinovich, I. R., Bulturbayevich, M. B., Gulomjanovna, M. N., Karimjanovich, U. R., & OGLI, B. J. R. (2020). Use Of Modern Marketing Research In The Context Of Market Development. *International Engineering Journal For Research & Development*, *5*, 8-8.

86. Bulturbayevich, M. B., Saodat, S., & Shakhnoza, N. (2020). Innovative activity of small businesses is an important tool for creating productive jobs. *International Engineering Journal For Research & Development*, *5*(6), 9-9.

87. Mullabayev, B. B. (2020). Theoretical and Methodological Bases of Assessment of Innovative Potential of Industrial Enterprises. *International Journal of Progressive Sciences and Technologies (IJPSAT)*, *22*, 11-18.

88. Mamadaliyevich, S. A., Bulturbayevich, M. B., & Shokirjonovich, A. M. (2020). Ways To Increase The Competitiveness Of National Goods In Domestic And Foreign Markets. *International Engineering Journal For Research & Development*, *5*(6), 6-6.

89. Bulturbayevich, M. B., Saodat, S., Umida, J., Shakhnoza, N., & Feruza, S. (2020). MECHANISMS OF STATE INCENTIVES FOR LOGISTICS CENTERS TO ENSURE THE COMPETITIVENESS OF THE ECONOMY. International Engineering Journal For Research & Development, 5 (5), 7.

90. Bulturbayevich, M. B., Gulnora, M., & Guligavkhar, I. (2020). Analysis of Macroeconomic Indicators and Forecast of Scenarios of the Republic of Uzbekistan. *International Journal of Advanced Science and Technology*, *29*(11), 04-12.

91. Bulturbayevich, M. B., & Sharipdjanovna, S. G. (2020). Improving the efficiency of management of vertical integrated industrial enterprises. *Test Engineering and Management*, *83*(5-6), 5429-5440.

92. Bulturbayevich, M. B., Saodat, S., Umida, J., Shakhnoza, N., & Feruza, S. (2020). Mechanisms of State Incentives for Logistics Centers to Ensure the Competitiveness of the Economy. *International Engineering Journal For Research & Development*, *5*(5), 7.

93. Ismoilov, R. B., Mullabayev, B. B., & Abdulxakimov, Z. T. (2020). Prospects For The Development Of A Tourist Route" Safed Broth Or Horn Jarir". *The American Journal of Interdisciplinary Innovations and Research*, *2*(08), 38-44.

94. Ismoilov, R. B., Mullabayev, B. B., Abdulxakimov, Z. T., & Bakhriddino, J. R. O. (2020). The Essence Of Small Business And Private Entrepreneurship And The Theoretical Basis Of Its Development. *The American Journal of Applied sciences*, *2*(08), 45-50.

95. Sobirovna, Q. D., Abdugafarovich, S. A., & Bulturbayevich, M. B. (2019). Improvement of the strategy of vertical integration in industrial enterprises. *American Journal of Economics and Business Management*, *2*(3), 63-68.

96. Rasulov, N. M., & Mullabaev, B. B. (2019). Advantages of Vertical Integrated Enterprises (Under Light Industry Enterprises). *The journal Test Engineering And Management has been located in the database Scopus. November December*.

97. Sobirovna, Q. D., Abdugafarovich, S. A., & Bulturbayevich, M. B. (2019). Improvement of the strategy of vertical integration in industrial enterprises. *American Journal of Economics and Business Management*, *2*(3), 63-68.

98. Azamatov, A., Sh, D., Akramov, A., & Mullabaev, B. B. (2019). Actual problems and prospects for the development of the national innovation system in Uzbekistan. *Евразийский Союз Ученых (ЕСУ)*, *6*, 63.

99. Madrahimovich, R. N., & Bulturbayevich, M. B. (2019). Advantages of vertical integrated enterprises (under light industry enterprises). *Test Engineering and Management*, *81*(11-12), 1596-1606.

100. Azamatov, A., Sh, D., Akramov, A., & Mullabaev, B. B. (2019). Actual problems and prospects for the development of the national innovation system in Uzbekistan. *Евразийский Союз Ученых (ЕСУ)*, *6*, 63.

101. Madrahimovich, R. N., & Bulturbayevich, M. B. (2019). Advantages of vertical integrated enterprises (under light industry enterprises). *Test Engineering and Management*, *81*(11-12), 1596-1606.

102. Муллабаев, Б. Б. DEVELOPMENT OF LIGHT INDUSTRY BRANCHES IN UZBEKISTAN BASED ON VERTICAL INTEGRATION РАЗВИТИЕ ФИЛИАЛОВ ЛЕГКОЙ ПРОМЫШЛЕННОСТИ В УЗБЕКИСТАНЕ НА ОСНОВЕ ВЕРТИКАЛЬНОЙ ИНТЕГРАЦИИ. *Научное обозрение: теория и практика,(8)*, 22-36.

103. Муллабаев, Б. Б., Вохидов, Э., & Каримов, Д. (2019). РОЛЬ ВЕРТИКАЛЬНО ИНТЕГРИРОВАННЫХ ПРЕДПРИЯТИЙ В ЭКОНОМИКЕ. *Theoretical & Applied Science*, (1), 85-90.

104. Mullabaev, B. B., Vohidov, E., & Karimov, D. (2019). Role Of Vertically Integrated Enterprises In The Economy. *Theoretical & Applied Science,(1)*, 85-90.

105. Sholdarov, D., & Mullaboev, B. (2019). Problems of supporting financial stability of the pension supply system in Uzbekistan. *Theoretical & Applied Science*, (2), 344-349.

106. Mullabaev, B. B. Econometric analysis of the vertical integration of light industry enterprises in the Namangan region (case study of the Republic of Uzbekistan). *Scientific Review: Theory and Practice-8/2018.22-36 p. Economics (08.00. 00) Impact factor RSCI (five-year)-1,230*.

107. Муллабаев, Б. Б. (2018). ЭКОНОМЕТРИЧЕСКИЙ АНАЛИЗ ВЕРТИКАЛЬНОЙ ИНТЕГРАЦИИ ПРЕДПРИЯТИЙ ЛЕГКОЙ ПРОМЫШЛЕННОСТИ НАМАНГАНСКОЙ ОБЛАСТИ (НА ПРИМЕРЕ РЕСПУБЛИКИ УЗБЕКИСТАН). *Научное обозрение: теория и практика*, (8), 22-36.

108. Mullabaev, B. B. (2018). Econometric Analysis Of Vertical Integration Of The Light Industry Enterprises Of The Namangan Region (On The Example Of The Republic Of Uzbekistan). *Scientific Review: Theory and Practice,(8)*, *22*, 36.

109. Зайнутдинов, Ш., & Муллабаев, Б. (2018). Ўзбекистонда иқтисодий интеграцияни ривожлантириш ва унинг самарадорлигини ошириш омиллари. *Бизнес-эксперт журнали*, *30*.

110. Mullabayev, B. B. (2018). Economic analysis of vertical integration integration of the Namangan region (on the prerogative of the Republic of Uzbekistan). *Science of theory: theory and practice"-8*.

111. Zaynutdinov, S. N., & Mullabayev, B. B. (2018). Regional Effectiveness Of The Regions. *Economics and Innovative Technologies*, *2018*(1), 9.

112. Mullabaev, B. B. (2017). Development of industrial branches of the Republic of Uzbekistan on the basis of vertical integration. *Higher School" Scientific and Practical Journal*, (9), 18-21.

113. Bachtijarzhan, M. (2017). Development Of Light Industry Branches In Uzbekistan Based On Vertical Integration. *Бюллетень науки и практики*, (10 (23)), 178-184.

114. Dadaboyev, T. Y., Qoraboyev, S. A., & Mullabaev, B. B. (2017). Corporate Management As The Factor Of Investment Attraction. *Научное знание современности*, (5), 77-80.7

115. Mullaboev, B. B. (2015). Corporate governance as a way to attract investment. *Young scientist,(10)*, 749-751.

116. Муллабоев, Б. Б. (2015). Корпоративное управление как способ привлечения инвестиции. *Молодой ученый*, (10), 749-751.

117. Расулов, Н. М., & Муллабаев, Б. Б. (2014). Инновацион жараёнларни стратегик бошқариш–корхоналар рақобатдошлигини оширишнинг муҳим омили.“. *Иқтисодиёт ва инновацион технологиялар” илмий электрон журнали*, (5).

118. Resolution of the President of the Republic of Uzbekistan PQ-292 dated September 4, 2023 “On measures to implement the tasks set in the open dialogue of the President of the Republic of Uzbekistan with entrepreneurs in 2023”

119. Saypullaev IA. THE IMPORTANCE OF A NEW PROFESSIONAL EDUCATION SYSTEM IN SMALL BUSINESS DEVELOPMENT IN UZBEKISTAN. Theoretical & Applied Science. 2021(8):254-9.

120. Abdurahmanovich, S. I. (2022). THE ROLE OF SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP IN ECONOMIC DEVELOPMENT. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, *11*, 59-68.

121. Abdurahmanovich, S. I. (2022). CLASSIFICATION OF FACTORS AFFECTING THE DEVELOPMENT OF SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP. *INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429*, *11*, 80-89.

122. Abdurahmanovich, S. I. (2022). THEORETICAL FOUNDATIONS OF INSTITUTIONAL DEVELOPMENT OF SMALL BUSINESS AND PRIVATE ENTREPRENEURSHIP. *ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW ISSN: 2319-2836 Impact Factor: 7.603*, *11*(07), 56-66.

123. Abduraxmonovich, S. I. (2021, October). INDICATORS OF FINANCIAL PERFORMANCE OF SMALL BUSINESS AND ENTREPRENEURSHIP. In *Archive of Conferences* (pp. 39-42).

124. Abduraxmonovich, S. I. (2021). FORMS OF CREDIT FOR SMALL BUSINESS AND ENTREPRENEURSHIP. *Galaxy International Interdisciplinary Research Journal*, *9*(10), 262-269.

ISSN 2319-2836 (online), Published by
ASIA PACIFIC JOURNAL OF MARKETING & MANAGEMENT REVIEW.,
under Volume: 12 Issue: 07 in July-2023
https://www.gejournal.net/index.php/APJMMR