ВАЗОРАТИ МАОРИФ ВА ИЛМИ ҶУМҲУРИИ ТОҶИКИСТОН
ДОНИШКАДАИ ОМӮЗГОРИИ
ТОҶИКИСТОН ДАР ШАҲРИ ПАНҶАКЕНТ

ПАЁМИ ДОНИШКАДА
ТАФАККУРИ ТАЪРИХ
АНВОРИ ИЛМ

№1,2, 3 - 2024
****

ВЕСТНИК ИНСТИТУТА
ПОЗНАНИЕ ИСТОРИИ
СВЕТОЧ НАУКИ

№1,2, 3 - 2024

BULLETIN OF THE INSTITUTE
KNOWLEDGE OF HISTORY
LIGHT OF SCIENCE

№1,2, 3 - 2024

Нашри махсус/Специальное издание/Special edition

Панҷакент-2024
https// Dotpanj.tj

ВАЗОРАТИ МАОРИФ ВА ИЛМИ ҶУМҲУРИИ ТОҶИКИСТОН
ДОНИШКАДАИ ОМӮЗГОРИИ
ТОҶИКИСТОН ДАР ШАҲРИ ПАНҶАКЕНТ

МАВОДИ

АНҶУМАНИ ИЛМӣ-АМАЛИИ БАЙНАЛМИЛЛАЛИИ “ХОНИШҲОИ VI – УМИ АРТУЧ” БАХШИДА БА “МАСОИЛИ МУБРАМИ ИЛМҲОИ ПЕДАГОГӢ, ИҶТИМОӢ-ГУМАНИТАРӢ ВА ФАНҲОИ ДАҚИҚ ДАР ЗАМОНИ МУОСИР”, 4-6 ИЮЛИ СОЛИ 2024 ДАР ДОНИШКАДАИ ОМӮЗГОРИИ ТОҶИКИСТОН ДАР ШАҲРИ ПАНҶАКЕНТ

МАТЕРИАЛЫ

НАУЧНО-ПРАКТИЧЕСКОЙ МЕЖДУНАРОДНОЙ КОНФЕРЕНЦИИ “VI – Е АРТУЧЕВСКИЕ ЧТЕНИЯ”, ПОСВЯЩЕННОЙ «АКТУАЛЬНЫМ ВОПРОСАМ ФИЛОЛОГИЧЕСКИХ, СОЦИАЛЬНО-ГУМАНИТАРНЫХ И ЕСТЕСТВЕННЫХ НАУК В СОВРЕМЕННОЕ ВРЕМЯ», 4-6 ИЮЛЯ 2024 ГОДА В ТАДЖИКСКОМ ПЕДАГОГИЧЕСКОМ ИНСТИТУТЕ В ГОРОДЕ ПЕНДЖИКЕНТ

MATERIALS

SCIENTIFIC AND PRACTICAL INTERNATIONAL CONFERENCE “VI - S ARTUCHS READINGS”, DEDICATED TO “ACTUAL ISSUES OF PHILOLOGICAL, SOCIAL, HUMANITARIAN AND NATURAL SCIENCES IN MODERN TIMES”, JULY 4-6, 2024 AT THE TAJIK PEDAGOGICAL INSTITUTE IN THE CITY OF PENJIKENT

ПАНҶАКЕНТ - 2024

МУАССИС:
Донишкадаи омӯзгории Тоҷикистон дар ш.Панҷакент

МАВОДИ Анҷумани илмӣ-амалии байналмиллалии "Хонишҳои VI – уми Артуч" бахшида ба "Масоили мубрами илмҳои педагогӣ, иҷтимоӣ-гуманитарӣ ва фанҳои дақиқ дар замони муосир", 4-6 июли соли 2024 дар Донишкадаи омӯзгории Тоҷикистон дар шаҳри Панҷакент. Ҷилди I. - 735 с.

МАТЕРИАЛЫ Научно-практической международной конференции "VI – е Артучевские чтения", посвященной «Актуальным вопросам филологических, социально-гуманитарных и естественных наук в современное время», 4-6 июля 2024 года в Таджикском педагогическом институте в городе Пенджикент. Том I. - 735 с.

MATERIALS Scientific and practical international conference "VI - s Artuchs Readings", dedicated to "Actual Issues of Philological, Social, Humanitarian and Natural Sciences in modern times", July 4-6, 2024 at the Tajik Pedagogical Institute in the city of Penjikent. Vol. I. - 735 s.

Баъзе фикр ва хулосаҳои дар мақалла омада бо нуқтаи назари таҳририят созгор наомаданаш мумкин аст. Барои дурустии иқтибос, ҳавола, пайнавиштҳою дарачаи илмӣ, услуб ва баёни мақолаҳо муаллифҳо масъуланд.

Мнение редколлегии не всегда совпадает с мнением авторов. За достоверность цитат и ссылок, научный уровень, стилистику статей ответственны авторы.

The opinion of the editorial board does not always coincide with the opinion of the authors. The authors are responsible for the reliability of citations and references, the scientific level, and the style of the articles.

Дар вазорати фарҳанги Ҷумҳурии Тоҷикистон аз 10.04.2023 ба қайд гирифта шудааст (№1283/МҶ-97, №284/МҶ-97, №285/МҶ-97)

Сармуҳаррир:
Ансорӣ Муаззамхон, профессор
Муҳаррири масъул:
Воҳидов Шодмон, д.и.т., профессор
Котиби масъул:
Шарифова Гулпарӣ, н.и.ф, дотсент

Манзил:
735500, Ҷумҳурии Тоҷикистон, вилояти Суғд, ш.Панҷакент, хиёбони Рӯдакӣ – 106. t-mail: pamir555@inbox.ru

Ҳайати таҳрирӣ/Редакционная коллегия:
Аминов Б. д.ф.т., профессор (Ӯзбекистон)
Аханов Б.Ф. к.п.н. дотсент (Қазоқистон),
Ғаффоров Ш.С. д.ф.т., профессор (Ӯзбекистон)
Ғойибов Б.С. д.ф.т., профессор (Ӯзбекистон)
Джумаев М.И.н.ф.пед., профессор (Ӯзбекистон)
Иноятов С.И. д.ф.т., профессор (Ӯзбекистон)
Исакова М.С. д.ф.т., профессор (Ӯзбекистон)
Бадриддинов С. н.и.т. дотсент (Ӯзбекистон)
Қобулов Э.О., д.ф.т., профессор (Ӯзбекистон)
Қурбонов Ш. Ф. н.и.бостон. (Тоҷикистон)
Лурье П.Б. д.ф.ф. (Россия)
Мирзаев Н. М. д.ф.т., профессор (Ӯзбекистон)
Мирзоюнус М.М.д.ф.ф., профессор (Тоҷикистон)
Муминов А.Қ. т.ф.д.профессор (Туркия)
Мухамедова Д.Ғ. д.ф.равон.профессор (Ӯзбекистон)
Набиев В. д.ф.т., профессор (Тоҷикистон)
Наҷмиддинов Ф.Н. д.ф.и. дотсент (Тоҷикистон)
Наққош И. Нависанда ва шоир (Тоҷикистон)
Нормуродова Г.Б. д.ф.т., профессор (Ӯзбекистон)
Боқӣ Набиҷон, нависанда (Ӯзбекистон)
Расулов А.И. д.ф.равон.профессор (Ӯзбекистон)
Раҳимов Н. д.ф.т., профессор (Тоҷикистон)
Резван Е. д.ф.т.профессор. (Россия)
Саидов И.М. д.ф.т.профессор (Ӯзбекистон)
Сафаев Н.С. д.ф.равон.профессор (Ӯзбекистон)
Сафаров Т. Т.ф.н.дотсент (Ӯзбекистон)
Турсунов С.Н. д.ф.т., профессор (Ӯзбекистон)
Ҳайитов Ш.А. д.ф.т., профессор (Ӯзбекистон)
Холиқова Р.Э. д.ф.т., профессор (Ӯзбекистон)
Холиқулов Т. д.ф.т., профессор (Ӯзбекистон)
Шамсиев Ӯ.Б. д.ф.равон.профессор (Ӯзбекистон)
Шанкар М. (Исроил)
Шодиева Ш. PhD аз фанни таърих. (Ӯзбекистон)
Эргашев Б.Э. д.ф.т. профессор (Ӯзбекистон)
Эргашев Ж.Ю.PhD аз фанни таърих. (Ӯзбекистон)
Эркинов А. С. д.ф.ф., профессор (Ӯзбекистон)
Эрназаров Ф.Н.д.ф.т. профессор (Ӯзбекистон)
Эшов Б.Дж, д.ф.т., профессор (Ӯзбекистон)
Эшонқулов И. н.ф.ф., дотсент (Ӯзбекистон)
Шарифзода Мирзоҳамдам, рӯзноманигор, нависанда (Тоҷикистон)

Нашри махсус
Специальный выпуск
Special edition

© ДОТП, "Анвори илм", соли 2023.

Литература:

1. Музафаров А.М. Флора водорослей водоёмов Средней Азии//Ташкент: Наука, 1965 с.565-580
2. Микро- и макроэлементы в оптимизации минерального питания микроводорослей/ В.В.Упитис: Зинатне, 1982-239с.
3. Саут.Р.,Уиттик А. Основы альгологии/ Р.Саут, А.Уиттик-М.: мир, 1990-596с.
4. Арутянин Н.П. Культивирование одноклеточных водорослей. Ереван: Изд-во АН АРм,1996, с.3-86
5. Моисеев Н.Н. Культивирование и использование: учеб.пособие/ Н.Н.Моисеев, С.В.Севастеев- Новосибирск,2016-115с.
6. Т.Т.Таубаев. Изучение методов массового культивирования микроводорослей.
7. А.Э.Эргашев. Значение биологического метода очистки сточных вод с применением водорослей
8. «Таксономия и филогения сценедесмуса» The Korean Journal of Phycology 12.4(1997: 23-46)
9. Смирнов Н.Н.Зеленые водоросли- источник органических кормов-в кн.; Производство белковых кормов.1959; с.195-199
10. Селяметов Р.А., Якубов Х.Ф. К изучекнию витаминного состава хлореллы и сценедесмуса. Культивирование водорослей и высших и водных растений в Узбекистане. Ташкент: Фан, 1971, с.59-60
11. Биотест-системы для задач экологического контроля: Методические рекомендации по практическому использованию стандартизованных тест-культур (В.А. Терехова, Воронина Л.П., Гершкович Д.В., Ипатова В.И., Исакова Е.Ф., Котелевцев С.В., Попутникова Т.О., Рахлеева А.А., Самойлова Т.А., Филенко О.Ф.). — М.: Доброе слово, 2014 г. 48 с.



Bo’riyev Sulaymon - Doctor of biological sciences, professor of Bukhara State University
Qobilov Aziz - Doctor of philosophy of biological sciences, associate professor of Bukhara State University
Sharopova Shaxnoza - Doctor of philosophy of biological sciences, associate professor of Bukhara State University
Yuldashov Laziz - Doctor of philosophy of biological sciences, associate professor of Bukhara State University
Xodjiyeva Mayram - Doctoral student of the Department of Biotechnology of Bukhara State University

BIOTECHNOLOGY OF MICROSCOPIC ALGAE CULTIVATION IN DITCH WATERS AND THEIR APPLICATION IN FISH FARMING

Annotation. This article presents data on the cultivation of microscopic algae in ditch waters, water purification and their use in fish farming.

Day by day in our republic, such important tasks as the development of fish farming, as well as other livestock industries, as well as meeting the demand of our country for fish and fish products, are becoming more and more important. This leads to the fact that much attention is paid to the development of fisheries based on new technologies, as well as the creation and practical application of new methods of fish farming through intensive

technologies in this direction. As an example, we can cite several resolutions and orders developed by our president and applied in practice by the country's leading experts.

Decree of the President of the Republic of Uzbekistan dated May 1, 2017 PP-2939 “On measures to improve the management system of the fishing industry”, dated November 6, 2018 PP-4005 “On additional measures for the further development of the fish farming industry”, dated August 29, 2020 PP-4816 - “Measures to support and improve the efficiency of the fishing industry”, dated January 13, 2022 No. PP-83 "On additional measures for the further development of the fishing industry", dated February 8, 2022 PP-120, "On measures for the development of animal husbandry and its branches in the Republic of Uzbekistan" In paragraph 5 of Chapter 2 of the resolution "On approval of the program for 2022-2026", the resolutions on the "development of the fishing industry" and other normative legal acts related to this activity define important tasks for the development of fisheries aimed at providing the population with environmentally friendly fish products.

In accordance with these resolutions and orders, intensive development of the fishing industry based on a scientific approach is planned in the republic, increasing efficiency through the introduction of modern and innovative methods of production of fish products into the industry. Currently, the implementation of these decrees is underway and positive results are being achieved.



In order to purify the composition of soils on the arable lands available in our country from organo-mineral substances, a large number of ditches have been organized. 7 lakes have been formed in the Bukhara region due to the waters flowing out of the ditches. From these lakes, Lake Khadicha was formed, which receives wastewater which comes from the Karaulbazar district. Phytoplankton and zooplankton species living in the waters of Lake Hadicha have been identified [1-4; 56-67 b].

Experiments were conducted on the breeding of microscopic algae in the ditch waters of the lake in laboratory and semi-productive conditions for their use in fish farming. Before the experiment, the hydrochemical composition of ditch waters was determined. At the same time, it was determined that the content of oxygen dissolved in water is 4.5 mg/l; biochemical oxygen consumption is 25 mg/l; oxidation state is 38.5 mg/l; ammonia content is 8.0 mg/l; nitrite content is 0.2 mg/l; nitrate content is 4 mg/l; sulfate content is 55.5 mg/l; chlorides 70.5 mg/l.

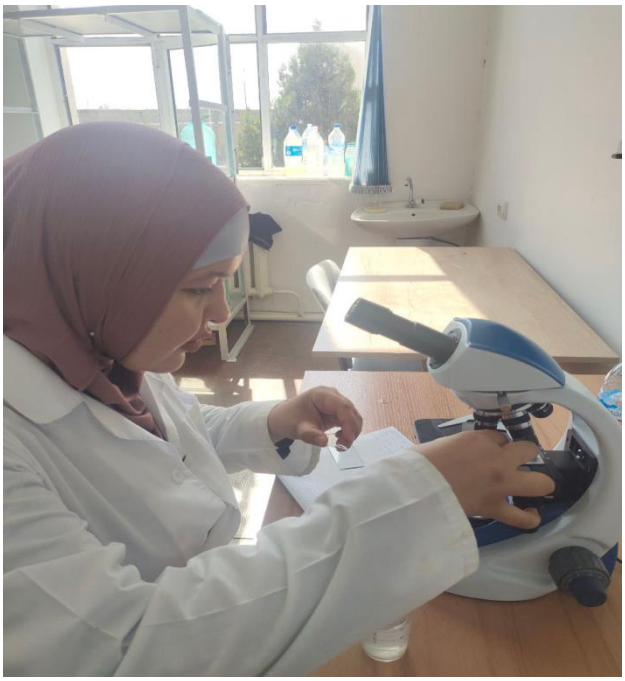
Just 1 liter which consist of 1.5 mln/ml of Chlorella vulgaris and Scenedesmus obliquus cells were planted in ditch waters in laboratory conditions. During the experiments, the temperature was 25-280 °C, the light was 15-20 thousand lux. The reproduction of green algae in the ditch waters was observed for 6 days. Their reproduction is shown in the table.

Dynamics of reproduction of microscopic algae in the ditches of Lake Hadicha

Algae	Amount of cells, mln/ml					
	1	2	3	4	5	6
Chlorella vulgaris	1.5	3.2	7.5	16.0	29.0	41.0
Scenedesmus Obliquus	1.5	2.8	5.0	12.3	19.4	28.4
Nutrient medium “04”						
Chlorella vulgaris	1.5	3.8	8.4	20.2	38.0	51.0
Scenedesmus Obliquus	1.5	3.5	7.6	14.0	30.0	45.5

Experiments showed that the algae developed with activity, with the number of Chlorella vulgaris cells being 41.0 million/ml, and Scenedesmus obliquus -28.4 million/ml. In the control variant, when the nutrient medium was 0.4, Chlorella vulgaris increased to 51.0 million/ml, and Scenedesmus obliquus increased to 45.5 million/ml.





As a result of the development of algae in ditch waters, it was found that the content of oxygen dissolved in water is 11.5 mg/l, the biochemical oxygen consumption is 3.0 mgO_2/l, the degree of oxidation is reduced to 12.8 mg/l, complete assimilation of ammonia, nitrites and nitrates, the content of sulfates is reduced to -12.6 mg/l, and chlorides to -32.4 mg/l.

The growth and development of algae in wastewater in 50-liter rectangular aquariums under semi-productive conditions has been detected. Chlorella vulgaris cells 2.0 ml/ml per 1 liter in ditch water were planted and observed for 6 days. During the experiment, Chlorella cells increased to 35.0 - 38.5 million/mg as a result of mixing with microcompressors.

It was found that chlorella cells, multiplied in laboratory and semi-productive conditions in ditch waters, are introduced within 6 months as food for 100-gram white bottom fish, increasing them to an average of 900 grams.

References:

1. Bo’riyev S, Qobilov A, Yuldoshov L.T, Sharopova Sh, Yarashev A., Biotechnology of microscopic and higher algae. Innovative approaches to crop cultivation and plant protection in various soil and climatic conditions. Bukhara.1923. 555-557.

2. Rashidov.N.E, Elmurodova.N.N, Elmurodova.U.N. Flora of algae of Sakovich reservoirs reproduction of microscopic algae and higher algae and their application in the national economy. Bukhara 2018, 28-31bet.

3. Toshov.X.M. Summer phytoplankton of Lake Devxona. Cultivation of microscopic algae and higher aquatic plants, their application in the national economy. Bukhara 2018 41-43 bet.

4. Bo’riyev S, Qobilov.A.M. Phytoplankton in Lake Karakir and its application in fish farming. Reproduction of microscopic algae and higher aquatic plants, their application in the national economy. Bukhara 2018, 62-64 bet.

5. Sharopova Sh. Microalgae growing technology //Center for Scientific Publications (buxdu. uz). – 2023. – T. 44. – №. 44.

6. Bo’riyev S.B., Yuldoshov L.T., Xodjiyeva M.S. Water isssues and problem in fish farming of the Bukhara region, as well as measures to solve them. Desert-oasis in the context of climate change ecosystem: problems and solutions. Bukhara 2023, 76-78 pages.

7. Bo'riyev S.B.,Sharopova Sh.R.,Xodjiyeva M.S.,Yarashov A.Biotechnology of cultivation of phytoplankton and zoplankton containing physiological active substances. International scientific journal science and innovation. Bukhara. 578-582.

8. Biological control of the environment: bioindication and biotesting (O. P. Melekhova et al.;.. Moscow : Akademiya, 2007. - 288 p.

9. Vavilova V., Terekhova V. Conditions of sampling and preparation of samples for some methods of biotesting of waters, soils and waste/ Educational and methodical manual. — Maks Press, Moscow State University, 2009, p. 40.

10. Lisovitskaya O.V., Terekhova V.A. Phytotesting: basic approaches, problems of the laboratory method and modern solutions.Reports on ecological soil science, 2010. issue 13, N 1, pp. 1-18.

11. Methodological recommendations for the establishment of maximum permissible concentrations of pollutants for the water of fishery waters-VNIRO.M.,1986.

12. Methodological guide for biotesting water. RD 118-02-90.-M.- 1991.-48 p.

Bo‘ronov Abduhakim Xollievich
Termiz davlat universiteti Yuridik fakulteti yoshlar bilan ishlash bo‘yicha dekan o‘rinbosari

YOSHLAR TARBIYASIDA MA’NAVIY MEROSIMIZNING O‘RNI

Anatotsiya: Ushbu maqolada yoshlar tarbiyasida ma’naviy merosimizning tutgan o‘rni va ahamiyati masalalari ilmiy tahlil etilgan

Kalit so‘zlar: yoshlar tarbiyasi, ma’naviyat, ma’rifat, milliy ma’naviy meros, .

Mamlakatimizda mustaqillik yillarida keng ko‘lamli islohatlarda millat, xalq, manfaatini har tomonlama himoya qilish hamda yuksak ma’naviyatli yosh avlodlarni ma’naviy yetuk etib tarbiyalashga muhim e’tibor qaratilmoqda. Yangi O‘zbekistonda

42.	**Nazora B.** **Bahriddinova D.**	BUXORO DAVLAT UNIVERSITETIDA SAQLANAYOTGAN QADIMIY TOSHBOSMA KITOBLAR TAVSIFI	**206**
43.	**Бердиев Ж. П.**	БУХОРО АМИРЛИГИ ТАРИХНАВИСЛИГИДА ҚАШҚАДАРЁ ВОҲАСИ	**209**
44.	**Babayev Sh. E.**	O`ZBEKISTON TOJIKLARINING AN’ANAVIY TAOMLARI TAVSIFI XUSUSIDA(Jizzax vohasi Forish tumani misolida)	**212**
45.	**Бобоева С. Р.**	СУРХОН ВОҲАСИ ЭНЕРГЕТИКА САНОАТИ ТАРИХИ	**217**
46.	**Bokiyev A.A.**	AMIR TEMUR VA TEMURIYLAR TARIXINING TURKIYADA O‘RGANILISH (DISSERTATSIYALAR MISOLIDA)	**219**
47.	**Болтабаев Х. У.**	«КЛАССИКИ ПЕРСИДСКО-ТАДЖИКСКОЙ ЛИТЕРАТУРЫ В ИСТОЛКОВАНИИ УЗБЕКСКОГО ДЖАДИДСКОГО ЛИТЕРАТУРОВЕДЕНИЯ»	**225**
48.	**Бўриев С. Б.** **Шаропова Ш. Р.** **Шарипов Ф.Ф.**	БИОТЕХНОЛОГИЯ КУЛЬТИВИРОВАНИЯ МИКРОВОДОРОСЛЕЙ И ПРИМЕНЕНИЕ В РЫБОВОДСТВЕ	**229**
49.	**Bo’riyev S.** **Qobilov A.** **Sharopova Sh.** **Yuldashov L.** **Xodjiyeva M.**	BIOTECHNOLOGY OF MICROSCOPIC ALGAE CULTIVATION IN DITCH WATERS AND THEIR APPLICATION IN FISH FARMING	**233**
50.	**Bo‘ronov A.X.**	YOSHLAR TARBIYASIDA MA’NAVIY MEROSIMIZNING O‘RNI	**236**
51.	**Ваисова Н. А.**	СОГДИЙЦЫ ПЕНДЖИКЕНТА В КИТАЕ	**239**
52.	**Вахабова Д.илфуза Р.**	СОЦИАЛЬНО-ПОЛИТИЧЕСКАЯ СИТУАЦИЯ, КУЛЬТУРНАЯ И ДУХОВНАЯ ЖИЗНЬ В ПЕРИОД ЖИЗНИ АБУ АБДУЛЛЫ РУДАКИ	**243**
53.	**Вохидов Ш.** **Ботиров М.**	В.Л. ВЯТКИН В.В. ВА БАРТОЛЬД АСАРЛАРИДА ХОЖА АҲРОР ВАЛИЙ ИЖТИМОИЙ-СИЁСИЙ ФАОЛИЯТИГА ДОИР МАНБАЛАР ВА ҲУЖЖАТЛАРНИНГ ЎРГАНИЛИШИ	**249**
54.	**Вохидова С.**	ВОСИТАҲОИ ҒАЙРИПРЕДИКАТИВӢ БАРОИ ИФОДАИ КАТЕГОРИЯИ СОҲИБИЯТ ДАР ЗАБОНҲОИ АНГЛИСӢ ВА ТОҶИКӢ	**255**
55.	**Габриэльян С. И.**	ФАКТОР «ДИФФУЗИИ ИННОВАЦИЙ» - ТЕОРЕТИЧЕСКИЙ АСПЕКТ ГУМАНИТАРНЫХ НАУК	**263**
56.	**Ғаниева Б.Ҷ.**	МАСОИЛИ ИҶТИМОӢ - РАВОНИИ НИЗОЪҲОИ ОИЛАВӢ ВА РОҲҲОИ ПЕШГИРИИ ОНҲО	**268**
57.	**G‘afforov A. A.**	O‘ZBEK TILIDA KOPULYATIV (TENGLANISH) MUNOSABATNING IFODALANISHIGA DOIR	**273**
58.	**Ғойибов Б. С.**	“КАНПИР ДЕВОР” АТАМАСИ ВА УНИНГ ТАЛҚИНИ	**278**
59.	**Гордеева Е.А.**	СОЦИАЛЬНАЯ СТРАТИФИКАЦИЯ В ПОГРЕБАЛЬНОМ ОБРЯДЕ ДРЕВНИХ ОБЩЕСТВ СЕВЕРНОЙ БАКТРИИ В ЭПОХУ БРОНЗЫ	**282**
60.	**Gofforov Sh. S.**	IMPLEMENTATION OF THE COLAR RUSSIAN RESETTLEMENT POLICY IN TURKESTAN (THE SECOND HALF OF THE XIX CENTURY)	**287**
61.	**Gofforov Sh. S.**	THE PLACE OF RESETTLEMENT POLICY IN THE TRANSFORMATION OF TURKESTAN INTO A RUSSIAN COLONY	**292**
62.	**Davlatova S.T.**	O‘ZBEKISTON VA TOJIKISTON O‘RTASIDAGI IJTIMOIY-MADANIY HAMKORLIK: TA’LIM VA ILM-FANNI RIVOJLANTIRISHNING ZAMONAVIY	**298**

НАШРИ ИЛМӢ-ПАЖӮҲИШӢ

МАВОДИ Анҷумани илмӣ-амалии байналмиллалии “Хонишҳои VI – уми Артуч” бахшида ба “Масоили мубрами илмҳои педагогӣ, иҷтимоӣ-гуманитарӣ ва фанҳои дақиқ дар замони муосир”, 4-6 июли соли 2024 дар Донишкадаи омӯзгории Тоҷикистон дар шаҳри Панҷакент. Ҷилди I. - 735 с.

**МАТЕРИАЛЫ Научно-практической международной конференции “VI – е Артучевские чтения”, посвященной «Актуальным вопросам филологических,
социально-гуманитарных и естественных наук в современное время», 4-6 июля 2024 года в Таджикском педагогическом институте в городе Пенджикент. Том I. - 735 с.**

MATERIALS Scientific and practical international conference “VI - s Artuchs Readings”, dedicated to “Actual Issues of Philological, Social, Humanitarian and Natural Sciences in modern times”, July 4-6, 2024 at the Tajik Pedagogical Institute in the city of Penjikent. Vol. I. - 735 s.

МУҲАРРИРИ МАСЪУЛ:
Воҳидов Шодмон, доктори илмҳои таърих, профессор.

ОТВЕТСТВЕННЫЙ РЕДАКТОР:
Вохидов Шодмон, доктор исторических наук, профессор.

Муҳаррир: Гулпарӣ Шарифова

Веростории Шодмон Воҳидов ва Меҳрангез Шаҳриёрова

Суратгир Сиёвуш Солеҳзода, Наимҷон Норов, Шодмон Воҳидов

Бо қарори Шӯрои олимони ДОТП ба нашр тавсия шудааст

Маълумот дар бораи муаллифон бо розигии шахсии онҳо баррасӣ мешавад
Личные данные авторов публикуется с их согласия.

Маводи анҷуман дар шуъбаи илм ва инноватсияи ДОТдар ш.
Панҷакент ба чоп омода карда шудааст.
Нашри ротопринтӣ.

Қоғази офсетӣ. Ҳуруфи Times New Roman Tj. Ҷузъи чопии шартӣ 20.
Адади нашр 200.
Ба чоп 20.07.201924 имзо шуд. Супориши № 67

