

Scientific research of the SCO countries: synergy and integration
December 11, 2019. Part 2

Поле	Значение
Объект №1	
Заголовок	ORGANIZATIONAL AND ECONOMIC MECHANISM OF FORMATION OF REGIONAL CLUSTER SYSTEMS
Аннотация	The article examines the organizational and economic mechanism of the formation and development of regional cluster systems. The theoretical and methodological issues of clustering economic systems are considered. The domestic practices of cluster formation in the regions of Russia are investigated.
Автор 1	Guseynov, A.G.
Место работы автора 1	Dagestan State University
Автор 2	Guseinova, A.S.
Место работы автора 2	Dagestan State Medical University
Автор 3	Yusupov, A.M.
Место работы автора 3	Dagestan State University
DOI	10.34660/INF.2019.22.43617

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=11
Исправить данные	
Объект №2	
Заголовок	REGIONAL CLUSTERS: FOREIGN PRACTICES, POLICY OF FORMATION AND DEVELOPMENT
Аннотация	The article examines the foreign practices of the formation of cluster systems. The state of the Republic of Dagestan was monitored in the context of the implementation of the Strategy for Socio-Economic Development for the Period until 2025. A conceptual direction of cluster policy in the region has been developed.
Автор 1	Guseynov, A.G.
Место работы автора 1	Dagestan State University
Автор 2	Guseinova, A.S.
Место работы автора 2	Dagestan State Medical University
DOI	10.34660/INF.2019.22.43618

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=20
Исправить данные	
Объект №3	
Заголовок	CLASSIFICATION OF RESULTS-BASED MANAGEMENT MODELS
Аннотация	The article presents theoretical and practical research of the concept of management results-based. The main issues and approaches of this concept are highlighted, the activity of the state and the organization in which the results-based management system is implemented is analyzed, the benefits of the implementation of the results-based management concept are considered, the classification of results-based management models, the methods of organizations in the system of corporate and public administration are developed.
Автор 1	Guseynov, A.G.
Место работы автора 1	Dagestan State University
Автор 2	Magomedova, P.R.
Место работы автора 2	Dagestan State University
DOI	10.34660/INF.2019.22.43619

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=27
Исправить данные	
Объект №4	
Заголовок	ISSUES OF ECONOMIC MODERNIZATION: REGIONAL ASPECT
Аннотация	The article considers the problems of modernization of the regional economy, its interconnection and ensuring the competitiveness of the country as a whole. The key directions and indicators of modernization of the regional economy are investigated.
Автор 1	Abdullaeva, D.A.
Место работы автора 1	Dagestan State University Russia, Republic of Dagestan
Автор 2	Guseynov, A.G.
Место работы автора 2	Dagestan State University Russia, Republic of Dagestan
Автор 3	Bilalova, U.M.
Место работы автора 3	Undergraduate Dagestan State University
DOI	10.34660/INF.2019.22.43620

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=35
Исправить данные	
Объект №5	
Заголовок	CONFLICT MANAGEMENT TECHNOLOGIES IN ORGANIZATIONS
Аннотация	The article analyzes the causes of conflicts in management activities, identifies the distinguishing features of conflicts in organizations, identifies the need for each leader to have conflict management competency, and identifies typical mistakes made by managers in organizations when using conflict resolution technologies. The content of the technologies of conflict management in organizations is disclosed.
Автор 1	Guseynov, A.G.
Место работы автора 1	Dagestan State University Russia, Republic of Dagestan
Автор 2	Abdullaeva, D.A.
Место работы автора 2	Dagestan State University Russia, Republic of Dagestan
Автор 3	Bilalova, U.M.
Место работы автора 3	Dagestan State University Russia, Republic of Dagestan
DOI	10.34660/INF.2019.22.43621

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=40
Исправить данные	
Объект №6	
Заголовок	PERSONNEL POLICY OF THE ORGANIZATION
Аннотация	The article discusses the personnel policy of the organization, its features and prospects. In the framework of the topic of the article, we will reveal the main directions of personnel development as a factor in an effective personnel policy based on staff involvement. The main goal of the personnel management policy, based on the principles of personnel involvement, is the development and implementation of corporate programs aimed at developing and improving the skills of employees, as well as training personnel included in the personnel reserve.
Автор 1	Guseynov, A.G.
Место работы автора 1	Dagestan State University
Автор 2	Alibekova, Z.H.
Место работы автора 2	Dagestan State University
Автор 3	Yusupov, A.M.
Место работы автора 3	Dagestan State University

DOI	10.34660/INF.2019.22.43622
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=48
Исправить данные	
Объект №7	
Заголовок	SELF-MANAGEMENT-THE BASIS OF PERSONAL DEVELOPMENT
Аннотация	The article analyzes the concept of self-management, considers goals, planning, the importance of self-management for the harmonious development of the individual.
Автор 1	Guseynov, A.G.
Место работы автора 1	Dagestan State University
Автор 2	Alibekova, Z.H.
Место работы автора 2	Dagestan State University
DOI	10.34660/INF.2019.22.43623
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=56

[Исправить данные](#)

Объект №8

Заголовок	METHODS OF COUNTERING THE LEGALIZATION OF CRIMINAL PROCEEDS IN THE RUSSIAN ECONOMY
Аннотация	Money laundering is a specific operation with a clear goal of introducing illegally obtained property and money into the legal sector of the economy so that the possession/use/disposal of such assets is lawful. Such legalization poses a massive threat to both the stable position of the economy and national security. Counteraction to the legalization of criminal income in the economic space of Russia is an organizational and legal complex of measures, and in addition, the functioning of state authorities of federal significance, legal entities and individuals to prevent the actual legalization of criminal income.
Автор 1	Bank, S.V.
Место работы автора 1	Doctor of Economic Sciences, Full Professor MIREA - Russian Technological University
DOI	10.34660/INF.2019.22.43624
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=62

[Исправить данные](#)

Объект №9	
Заголовок	GROWTH STRATEGIES OF THE “TRADITIONAL” MIDDLE CLASS IN THE SOCIAL POPULATION STRUCTURE OF THE REGION
Аннотация	The work talks about the importance of the middle class of society and the functions that it performs, stabilizing the political, economic and social spheres of public life. The emphasis is on the traditional segment of the middle class, that is, on business representatives. In order to confirm the importance of such a component of the middle class as small and medium-sized businesses, its functions are listed that it performs, first of all, in the territory to which it belongs. The paper presents development strategies for small and medium-sized businesses that are used by regional authorities in order to stimulate entrepreneurial activity. The potential of each of these strategies in a specific region of Russia Vologda Oblast is considered. The relationship between the level of socio-economic development of a particular region and the level of business development in it is substantiated.
Автор 1	Samostroenko, G.M.
Место работы автора 1	Orel State University
Автор 2	Tulina, T.M.
Место работы автора 2	Vologda State Technical University
DOI	10.34660/INF.2019.22.43625

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=70
Исправить данные	
Объект №10	
Заголовок	REDUCED TRANSACTION COSTS IN THE INFORMATION SECTOR OF THE INVESTMENT CLIMATE REPUBLIC OF TAJIKISTAN
Аннотация	The article discusses the important conditions for the existence of a sound market environment, the economic system and ensuring sustainable economic growth is to reduce the level of transaction costs in the economy of the republic. Such a reduction can be achieved by solving the following problems: ensuring the optimal material structure of the economic system the construction of new information systems and the introduction of the latest market mechanisms as free competition.
Автор 1	Kuzibaeva, B.M.
Место работы автора 1	Tajik State University of Law, business and politics
Автор 2	Toirova, I.A.
Место работы автора 2	Tajik State University of Law, business and politics
Автор 3	Abdulloev, F.R.
Место работы автора 3	Tajik State University of Law, business and politics

DOI	10.34660/INF.2019.22.43626
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%202011%20-%20Part%202.pdf#page=80
Исправить данные	
Объект №11	
Заголовок	FORMATION OF COGNITIVE OR KNOWLEDGE SOCIETY
Аннотация	The authors examine the essence and main characteristic features of a cognitive society, where intellectual work is the main factor in achieving high results in various fields of human activity. In this paper, we study the reasons for the increasing role of knowledge, as well as the risks associated with its wide dissemination. Considerable attention is paid to the problem of the use and development of human resources in the framework of a knowledge society.
Автор 1	Kalmykova, D.A.
Место работы автора 1	Postgraduate at the Department of Theory and Methods of Vocational Education Samara University, Samara
Автор 2	Solovova, N.V.
Место работы автора 2	Professor at the Department of Theory and Methods of Vocational Education Samara University, Samara
DOI	10.34660/INF.2019.22.43627

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=85
Исправить данные	
Объект №12	
Заголовок	ANALYSIS OF THE WORK OF THE METHODOLOGICAL ASSOCIATION OF PHYSICAL EDUCATION TEACHERS AS A FUNCTION OF INTRASCHOOL MANAGEMENT
Аннотация	The article is devoted to the problem of analyzing the work of the methodological association of physical education teachers in a general educational organization. Scientific points of view on the categories of methodological association, health-creating management, analysis in the system of intraschool management are considered. The features of the work of the methodical association of physical education teachers in the current conditions of the functioning of general educational organizations are revealed. The analysis function in assessing the effectiveness of the methodological association of a general educational organization is substantiated.
Автор 1	Melnikova, A.V.
Место работы автора 1	Moscow State Pedagogical University
DOI	10.34660/INF.2019.22.43628

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=91
Исправить данные	
Объект №13	
Заголовок	CROSSFIT AS A MEAN OF INCREASING PHYSICAL ACTIVITY AND ATTRACTING STUDENTS TO SPORT SECTIONS
Аннотация	The article discusses the pedagogical problem of the importance of physical activity of students and the use of crossfit as a mean of attracting adolescents to sports sections. The features of crossfit as a system of training in general physical fitness are described. The developed and tested authors questionnaire made it possible to elicit the opinion of physical education teachers and schoolchildren about using crossfit as a training system in volleyball classes in the school sports section. It was determined that crossfit is an attractive type of physical activity for adolescents and can increase the interest of students in classes in sports sections, thereby increasing their level of physical activity (PA).
Автор 1	Potapova, A.A.
Место работы автора 1	Moscow State Pedagogical University
DOI	10.34660/INF.2019.22.43629

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=97
Исправить данные	
Объект №14	
Заголовок	PATRIOTIC EDUCATION OF LAW STUDENTS IN THE PROCESS OF TEACHING FOREIGN LANGUAGES
Аннотация	This article is about multifold possibilities in cultivation of moral and patriotic values to law students in the process of foreign languages learning, about topical problems for foreign language teachers and special role of English in the international communication
Автор 1	Rafikova, E.M.
Место работы автора 1	All-Russia State University of Justice, Kazan Institute (branch)
DOI	10.34660/INF.2019.22.43630
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=103
Исправить данные	
Объект №15	

Заголовок	INTRODUCTION OF MODERN COMPUTER TECHNOLOGIES IN THE SYSTEM OF ADDITIONAL EDUCATION IN CHILDREN'S MUSIC SCHOOLS AND ART SCHOOLS
Аннотация	The article discusses the issues of introducing modern computer technologies for creative self-realization and pre-vocational training in the field of computer creativity in the educational process in the conditions of additional education of children.
Автор 1	Bunkova, A.D.
Место работы автора 1	Lecturer of the M.P. Frolov Childrens music school 1 and Childrens Art School 5 (Yekaterinburg)
DOI	10.34660/INF.2019.22.43631
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=107
Исправить данные	
Объект №16	
Заголовок	ELECTIVE COURSES OF PHYSICAL EDUCATION AND SPORTS FOR STUDENTS OF SPECIAL MEDICAL GROUPS

Аннотация	The article presents the structure and content of elective academic disciplines in physical education and sports. One third of students from 1 to 3 courses at the university are students with health deviations, attending physical education classes in special medical groups. Given the need to provide students with a choice and increase the number of people with disabilities at the university, elective disciplines are a necessity, allowing you to use a flexible system in conducting practical classes in physical development and sports, to provide a deep level of assimilation of the skills offered by the types of physical education and health orientation, to facilitate acquaintance with the organization and equipment of the sport. This helps students to better adapt in the social environment improve health, prevent exacerbation of chronic diseases, this is especially important for students with disabilities, which may be a factor in the greater demand for graduates in the labor market.
Автор 1	Girenko, L.A.
Место работы автора 1	Novosibirsk State Pedagogical University Novosibirsk, Russia
Автор 2	Ryazanova, E.A.
Место работы автора 2	Novosibirsk State University of Design Architecture and Arts, Novosibirsk, Russia
DOI	10.34660/INF.2019.22.43632
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=112
Исправить данные	

Объект №17

Заголовок	MODERN APPROACHES TO THE ASSESSMENT OF THE QUALITY OF PUBLIC ADMINISTRATION
Аннотация	In international practice, the following levels of regulation exist: international, regional and national. At the international level, such organizations as the UN, OECD, and the World Bank are involved in evaluating public administration. Evaluation of the effectiveness of public administration is carried out for compliance with the goals of international agreements. At the regional level (integration level), supranational bodies are involved in evaluating public administration. At the national level, public administration evaluations are carried out by national government organizations, private commercial and non-profit organizations. National government organizations monitor compliance with standards of administrative procedures, assess the degree of achievement of national goals.
Автор 1	Minchenko, O.S.
Место работы автора 1	Senior Lecturer Higher School of Economics National Research University
DOI	10.34660/INF.2019.22.43633
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=120

[Исправить данные](#)

Объект №18

Заголовок	UNDERSTANDING THE CONCEPT OF PROFESSIONAL PERSONALITY SUBJECTIVITY
Аннотация	Abstract. The reflection of the development trend of modern education is presented on the basis of the principle of identity development of the individual sociocultural requirements. The subjectivity of personality development is described in the system of social relations. The characteristic of the cultural and educational space is given as a phenomenon that ensures the integrity of the formation of an individual trajectory, which combines the uniqueness of self-expression of a future specialist in the field of education with the standards of professional activity.
Автор 1	Alekseenko, I.N.
Место работы автора 1	Deputy Director for Training and Production, Don Pedagogical College
DOI	10.34660/INF.2019.22.43634
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=125
Исправить данные	
Объект №19	
Заголовок	INVESTIGATION OF EMOTIONAL INTELLIGENCE OF PEDIATRIC STUDENTS

Аннотация	The article describes an empirical study of spheres, emotional intelligence among students of the pediatric faculty of KrasSMU. A comparative analysis of indicators of emotional intelligence in the first and fourth year in the same sample of students is given. Positive dynamics were revealed on the scales: Emotional awareness and Management of ones emotions. On the scales Self-Motivation, Empathy, Managing the emotions of other people, no statistically significant changes were found.
Автор 1	Vishnjakova, N.N.
Место работы автора 1	Krasnoyarsk State Medical University
Автор 2	Kononenko, I.O.
Место работы автора 2	Krasnoyarsk State Medical University
Автор 3	Djakova, N.I.
Место работы автора 3	Krasnoyarsk State Medical University
DOI	10.34660/INF.2019.22.43635
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=130
Исправить данные	
Объект №20	

Заголовок	THE IDEA OF LAW AND THE CONCEPT OF THE ONE HISTORY IN F.W. MAITLAND'S STUDIES OF MEDIEVAL ENGLAND
Аннотация	The author of the article studies the idea of law and the concept of the one history of F.W. Maitland in his works on Medieval England. The historians comprehension of the significance of the idea of law as the guardian of European civilization and world history is revealed. The unity of Medieval English history is traced through the pattern one country - one law - one history. F.W. Maitland showed that the history is the one, it is the holistic science of the past and it should be studied by specialists in different fields, historians the first.
Автор 1	Sidorova, T.A.
Место работы автора 1	Doctor of Historical Sciences Associate Professor, the Department of World History, Sochi Institute (affiliated branch) of Peoples' Friendship University of Russia
DOI	10.34660/INF.2019.22.43636
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=136
Исправить данные	
Объект №21	
Заголовок	THERAPY OF VAGINAL CANDIDIASIS IN PATIENTS IN THE MENOPAUSAL PERIOD

Аннотация	For candidal colpitis in patients in the menopause, treatment is effective, including both the systemic administration of antimycotics (fluconazole in a dosage of 150 mg), and their local use in the form of a drug that gives both an effective antifungal and topically anesthetic effect - Neo suppositories - Penotran Forte L. In order to prevent recurrence of the disease, restore normal biocenosis of the vagina, it is advisable to prescribe estrogen-containing preparations to improve the trophism of the vaginal wall and increase the effectiveness of awn specific antimycotic therapy - ovestin vaginal suppositories.
Автор 1	Kalinkina, O.B.
Место работы автора 1	Professor at the Department of Obstetrics and Gynecology 1 Doctor of Medical Sciences Samara State Medical University
Автор 2	Tezikov, Y.V.
Место работы автора 2	Professor at the Department of Obstetrics and Gynecology 1 Doctor of Medical Sciences Samara State Medical University
Автор 3	Lipatov, I.S.
Место работы автора 3	Professor at the Department of Obstetrics and Gynecology 1 Doctor of Medical Sciences Samara State Medical University
DOI	10.34660/INF.2019.22.43637
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=145

[Исправить данные](#)

Объект №22

Заголовок	ULTRASONIC METHOD IN THE DIAGNOSIS OF AGE-RELATED AND PATHOLOGICAL CHANGES IN THE DERMIS
Аннотация	The use of ultrasound techniques in the diagnosis of skin cancer, inflammatory changes, as well as in cosmetic dermatology is promising. Ultrasound imaging of the skin is becoming an increasingly popular diagnostic tool and is a non-invasive diagnostic method that allows to evaluate in detail the condition and thickness of the epidermis, dermis and hypodermis in various areas of the skin.
Автор 1	Omurzakova, A.T.
Место работы автора 1	Postgraduate at the Department of Fundamental Medicine of the Medical Institute of the Immanuel Kant Baltic Federal University
Автор 2	Izranov, V.A.
Место работы автора 2	Doctor of Medical Sciences, Full Professor, Head of the Department of Fundamental Medicine of the Medical Institute of the Immanuel Kant Baltic Federal University
DOI	10.34660/INF.2019.22.43638
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=148

[Исправить данные](#)

Объект №23

Заголовок	PROTECTION OF RESULTS OF INTELLECTUAL ACTIVITY IN MEDICAL UNIVERSITY
Аннотация	The article discusses the problem of protecting the results of intellectual activity in medical school. Medical universities are educational institutions in which the development of fundamental and applied research, their experimental and clinical approbation, with the subsequent introduction of positive results in the pedagogical process and clinical medicine can be carried out.
Автор 1	Guseinova, A.S.
Место работы автора 1	Head of the intellectual property Department of the Federal state budgetary educational institution of higher education quotDagestan state medical University quot of the Ministry of health of the Russian Federation
DOI	10.34660/INF.2019.22.43639
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=155

[Исправить данные](#)

Объект №24

Заголовок	ANISOTROPY AND ASYMMETRY OF LANDFORMS (ON THE EXAMPLE OF THE RUSSIAN FAR EAST)
Аннотация	The spatio-temporal anisotropy of geomorphological processes and landforms is most clearly seen in a pronounced long-term manifestation of asymmetry. The asymmetry of different-order relief forms is the result of the spatiotemporal anisotropy of various physical-geographical and geological processes. For the most part, the development of a possibly certain plan of asymmetry is already inherent in the laws of nature.
Автор 1	Skrylnik, G.P.
Место работы автора 1	Candidate of Geographic Sciences, Senior Research Officer, Associate Professor Pacific Geographical Institute, Vladivostok
DOI	10.34660/INF.2019.22.43640
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=160
Исправить данные	
Объект №25	
Заголовок	PREPARATIONS WITH SILICON AND CORN YIELD FORMATION

Аннотация	<p>The article presents the results of studies on the effect of various types of silicon-containing preparations on the formation of corn productivity, depending on the duration of foliar treatment. It was found that when the corn crops were double-treated with Nano Silicon, the growth compared to the variant with water treatment was 33 cm. When Kelik Potassium-Silicon was used, taller plants formed during foliar treatment in the phase of five leaves, and using Microvit-6 Silicon, the excess height of the plants was 14-18 cm. The increase in the number of developed cobs during foliar treatment with preparations with silicon was 8.1-18.7 with a slight advantage of Nano Silicon. In the variants with foliar treatment of corn crops with Nano Silicon in the five-leaf phase and double spraying, the increase in the mass of one plant compared to the variants without the drug amounted to 19.7-22.0. When processing Nano Silicon in the phase of five corn leaves and two-fold application, the yield increase wet weight was 20.6-21.0 compared with the options without the drug. The Microvit-6 Silicon preparation is slightly inferior in effectiveness, which ensured an increase in the yield of green mass 12.4-19.3. The foliar treatment of Kelik Potassium-Silicon contributed to an increase in the yield of green mass by 3.7-5.7 t/ha or 10.5-15.7. The highest yield of dry matter was provided by the option of double processing of crops with Nano Silicon, the increase was 3.2 t/ha.</p>
Автор 1	Semina, S.A.
Место работы автора 1	Penza State Agrarian University, Penza, Russia
Автор 2	Nikulina, E.V.
Место работы автора 2	Penza State Agrarian University, Penza, Russia
Автор 3	Gavryushina, I.V.

Место работы автора 3	Penza State Agrarian University, Penza, Russia
DOI	10.34660/INF.2019.22.43641
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%202011%20-%20Part%202.pdf#page=183
Исправить данные	
Объект №26	
Заголовок	THE INFLUENCE OF SILICON-CONTAINING DRUG ON THE FORMATION OF PRODUCTIVITY OF SPRING WHEAT

<p>Аннотация</p>	<p>The article presents the results of three years of research on the characteristics of yield formation and technological properties of Arkhat spring soft wheat grain, depending on the methods of using the Nano Silicon preparation. Studies were conducted on meadow chernozem soil with a sufficiently high content of nutrients and a slightly acidic soil solution. It was found that the integrated treatment of seeds and crops with Nano Silicon stimulated the linear growth of plants, the growth was 7.7-8.1 cm compared to the control. Plants were characterized by a longer spike when combining seed treatment with spraying crops, where an increase of 1.3 cm was obtained. The most grainy ears formed during the complex use of the drug, the number of grains increased by 25.5 compared with the control. The treatment of seeds with Nano Silicon contributed to an increase in the number of grains in the ear by 20.5, and the foliar treatment - by 12.1 in relation to the variant without the preparation. In terms of grain yield from spikes, the best option was to use the drug twice, the increase was 33.3 compared with the control. The option with seed treatment was slightly inferior to him in terms of efficiency, where an increase to control of 28.4 was obtained. Only from foliar treatment the yield of grain from an ear increased by 14.8. The largest increase in grain yield was provided by the integrated use of the drug Nano Silicon - 1.62 t/ha in comparison with the control. An additional 1.34 tons of grain per hectare was obtained from seed treatment, and foliar treatment of crops during the harvesting phase contributed to an increase in grain yield by 0.99 t/ha or 23.7 compared with the control. There was no change in the milling properties of wheat grain when using NanoSilicon, and the mass fraction of crude gluten increased by 2.3 compared to the version with water treatment.</p>
<p>Автор 1</p>	<p>Semina, S.A.</p>
<p>Место работы автора 1</p>	<p>Penza State Agrarian University, Penza, Russia</p>

Автор 2	Ostroborodova, N.I.
Место работы автора 2	Penza State Agrarian University, Penza, Russia
DOI	10.34660/INF.2019.22.43642
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/Scientific%20research%20of%20the%20SCO%20countries%20-%20English%20Reports%20-%20December%2011%20-%20Part%202.pdf#page=189
Исправить данные	