## Scientific research of the SCO countries: synergy and integration December 27, 2019. Part 2

Поле	Значение
Объект №1	
Заголовок	ENVIRONMENTAL ISSUES AND ENERGY CONSUMPTION IN THE BRICS COUNTRIES
Аннотация	The article deals with environmental problems and analyzes the sources of energy consumption of the BRICS countries. The necessity of transition of BRICS countries to renewable energy sources is shown.
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DOI	10.34660/INF.2019.23.46520
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=11
Объект №2	
Заголовок	REGIONAL EXPERIENCE IN IMPLEMENTING ACTIVE LONGEVITY STRATEGIES IN RUSSIA

Аннотация	The author conducted a comparative analysis and investigated the experience of implementing strategies and methods of active longevity in the regions of Russia. The novelty of the study is the authors conclusions about the specific for Russia factors of active longevity - functional aging of the popu- lation geographical features of longevity associated with the environmental situation, and not with traditional ideas the lack of tradition among the older generation of Russians for a long life and systematic monitoring of their health. The practical significance of the research results lies in the application of its results to solve the national economic problem - ensuring active longevity in Russia.
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DOI	10.34660/INF.2019.23.46521
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=15
Объект №3	
Заголовок	NATIONAL ECONOMIC SECURITY PROVISION SYSTEM: PROPERTIES, STRUCTURE, FEATURES OF FUNCTIONING

Аннотация	The results of properties, structure and functioning features analysis of the national economic security provision system are presented in the article. The prerequisites for the formation of this system, the main challenges and threats in the world economy that require an appropriate response at the national level of decision-making are determined. The main threats to national economic security in modern conditions are outlined. The connection of elements of the national economic security system is schematically presented.
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DOI	10.34660/INF.2019.23.46522
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=21
Объект №4	
Заголовок	PROBLEMS OF DEVELOPMENT OF COMPETITION AND IMPORT SUBSTITUTION IN THE IMPLEMENTATION OF RUSSIA'S INDUSTRIAL POLICY

Аннотация	The modern way of industrial development in Russia lies through solving the problems of developing competition and import substitution. The ar- ticle considers the assessment of the competitive environment in Russia, which allows to identify key problems that impede the development of industry and analysis of problems in the field of import substitution.
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DOI	10.34660/INF.2019.23.46523
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=26
Объект №5	
Заголовок	ANALYSIS OF THE APPLICATION OF A SINGLE TAX ON IMPUTED INCOME FOR CERTAIN ACTIVITIES
Аннотация	In the pre-crisis period, in the absence of a budget deficit, the main tasks facing the tax system were aimed at solving two contradictory problems: increasing tax collection and easing the tax burden.
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DOI	10.34660/INF.2019.23.46524
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=33
Объект №6	
Заголовок	FORMATION OF A STRATEGY FOR THE DEVELOPMENT OF MINERAL DEPOSITS UNDER FINANCIAL CONSTRAINTS
Аннотация	The most important problems of the development of mining en- terprises in the CIS countries are identified. The main provisions on the for- mation of a strategy for the development of mineral deposits under financial constraints are outlined. The main factors of the cost formation of the min- ing enterprise and the level of their influence on the economic results of the project are substantiated. The approaches to the economic and mathematical modeling of the results of the mining transport complex are developed taking into account the interconnectedness and interdependence of mining-geolog- ical, mining, organizational and economic factors of the cost formation of a mining enterprise. The results of modeling the effectiveness of design solu- tions for the extraction of mineral raw materials for a specific project are presented.
Автор 1	Kaplan, A.V.
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DOI	10.34660/INF.2019.23.46525
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=40
Объект №7	
Заголовок	METHODOLOGICAL FOUNDATIONS OF RISK MANAGEMENT IN THE CONTEXT OF THE DEVELOPMENT OF THE DIGITAL ECONOMY
Аннотация	There is a wide range of methods, according to which the use of inte- grated multidisciplinary approaches is a key requirement for the implementation of effective, sustainable and active risk management programs in the field of innovation. Abroad, innovations are evaluated on the basis of several other criteria than in Russia - not the content of the innovation itself comes to the first place, but the risks (including economic) associated with its creation and promotion.
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DOI	10.34660/INF.2019.23.46526
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=46

Объект №8	
Заголовок	MANAGEMENT OF DEVELOPMENT OF HOUSING AND COMMUNAL COMPLEX OF SINGLE-PROFILE MUNICIPALITIES IN RUSSIA
Аннотация	The article discusses the development of single-profile municipalities in the Russian Federation. The characteristics of single- profile towns and their classification are given. The article also reflects the conditions for the development of the housing and communal complex of single-profile municipalities in the Russian Federation, analyzes the development of the problem from 1996 to the present. The options of private-state partnership are considered.
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DOI	10.34660/INF.2019.23.46527
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=51

Объект №9	
Заголовок	PROBLEMS OF INCREASING THE COMPETITIVENESS OF SANATORIUM AND RESORT ORGANIZATIONS OF THE REPUBLIC OF BASHKORTOSTAN
Аннотация	Currently, the supply of services in the sanatorium and resort sec- tor exceeds demand, therefore, competition between enterprises in this industry is intensifying. The Russian Federation, despite the high potential of its sanatorium and resort industry services, in the global market occupies a very small share. The state of the internal sanatorium and resort potential indicates an insufficient level of its development in terms of qualitative and quantitative characteristics. The purpose of this study is to develop management technologies of a strate- gic and tactical nature, aimed at improving the assessment and management of increasing the competitiveness of sanatorium and resort organizations. To achieve this goal, in the research process, the following tasks were solved: to study the socio-economic aspects of the development of the sanatorium and resort complex of the region in the conditions of the formation of a competitive environment identify factors of development and increase the competitiveness of organizations providing sanatorium and resort services to analyze the potential and opportuni- ties for the competitive development of the organization for the provision of sana- torium and resort services identify ways to improve the competitiveness of the development of sanatorium and resort institutions and organizations in Russia and the Republic of Bashkortostan the interrelation of the competitiveness of the regional sanatorium and resort complex (SRC) with the level of development of the region is substantiated based on a system of indicators reflecting the internal business processes of its sanatorium and resort regults of its level of is level of competitiveness was car- ried out, which allowed to identify constraints and determine priority areas of development.

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DOI	10.34660/INF.2019.23.46528
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=58
Объект №10	
Заголовок	CORRUPTION RISKS IN ORGANIZING LARGE PUBLIC EVENTS, SPORTS COMPETITIONS, SPECTACULAR COMMERCIAL COMPETITIONS OR POLITICAL CONFERENCES IN FINLAND AND THEIR MITIGATION STRATEGY

Аннотация	The article discusses corruption risks in large public events, sports competitions, cultural and entertainment or political conferences. Organization of anti- corruption measures allows to determine priorities and distribute powers. The fight against corruption in the field of public events requires international co- operation to provide advice and assistance on extradition and mutual legal assis- tance to UN member states. The organization of a major international public event is not without widespread involvement of public servants, institutions and public authorities, significant public and private funds and the use of public property. At all stages of preparation and even after their completion of the international event, there are numerous opportunities for corruption, which can jeopardize not only the success of the entire event, but the authority of the organizing state. Facilitating the exchange of experience between states by building analytical schemes, identifying problems and disseminating information on good practices to build capacities at the national level, to build trust and cooperation to establish links between anti-corruption bodies, including through the use of electronic tools and processing systems and tracking international requests for assistance. An integral part of the comprehensive fight against corruption in public events is clear na- tional legislation that provides increased opportunities for the state, including by strengthening the capacity and creating institutions in the field of effective preven- tion and fight against corruption and strengthening international cooperation and technical assistance in preventing corruption and the fight against it, including the provision of legal mechanisms for the return of the revealed proceeds of corrup- tion through confiscation and enforcement of foreign decrees.
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DOI	10.34660/INF.2019.23.46529
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=68
Объект №11	
Заголовок	FEATURES OF THE IMPLEMENTATION OF CIVIL LIABILITY IN VIOLATION OF THE LEASE IN THE BUSINESS SECTOR
Аннотация	The article discusses the problems of civil liability in violation of rental obligations in the business sector. The authors put forward and justified the position according to which, the complex nature of the lease obligation in- cludes two other types of obligations - regulatory and protective derivative mon- etary obligations. Also specified is the particularization of legal forms of adverse material consequences for the offender.
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DOI	10.34660/INF.2019.23.46530

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=75
Объект №12	
Заголовок	OWNERLESS REAL ESTATE AS AN OBJECT OF MUNICIPAL PROPERTY OF LOCAL GOVERNMENT
Аннотация	This article discusses the issues of identification, accounting and registration of the right of municipal ownership to ownerless real es- tate as one of the responsibilities of local authorities in solving issues of local importance. The jurisprudence is analyzed, which allows to establish the obligation of the local government. Identified problems of accounting and registration of ownerless real estate by local authorities and ways to solve these problems.
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DOI	10.34660/INF.2019.23.46531
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=83

Объект №13	
Заголовок	PSYCHOPHYSIOLOGICAL FEATURES OF 15-16 YEAR OLD HOCKEY PLAYERS WITH DIFFERENT TYPES OF HEART RATE REGULATION
Аннотация	Purpose determine the psychophysiological characteristics of the HRV of 15-16 year old hockey players in the dynamics of the annual training macrocycle. Methods and organization of work: Elite hockey players (15-16 years old) were examined in three stages: July, December and February. Heart rate variability was evaluated by standard methods, the type of heart rhythm regulation was determined. We studied the speed and accuracy of visual-motor reactions, the level of sensorimotor and voluntary coor- dination of movements, the functional state of the central nervous system (CNS). Mental state was determined by the eight-color Luscher test. The software and hardware complex NS-Psychotest (Russia) was used in the work.Results. Intergroup differences in indicators of the psychophysiological status of 15-16 year old hockey players with different types of heart rhythm regulation were revealed only at the beginning of the preparatory period. In the group of hockey players with a predominance of central mechanisms of heart rhythm regu- lation (type I II), the psychophysiological status is characterized by stability. In the group of players with the predominance of autonomous mechanisms (type III - IV), the processes of concentration of excitation in the cortical nerve centers are intensified, which contributes to an improvement in the response rate in conditions of interference. The functional state of the central nervous system and emotional state are stable throughout the macro cycle of sports training.
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DOI	10.34660/INF.2019.23.46532
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=87
Объект №14	
Заголовок	SYNTHESIS OF A NEW DERIVATIVE OF AMINOCOLCHAMINE WITH METHYLETHYLENETHYLCARBINO
Аннотация	A method is proposed for the synthesis of a new derivative of ami- nocolchamine with methylethylenethylcarbinol and the synthesized compound is identified on 4- (aminocolchamino N / 1,1-methylethylbutin-2) carbinol by thin- layer and paper chromatography. The structures of the synthesized colchamine derivative are confirmed by the data of IR and PMR spectra. Based on the ob- tained data of IR spectra, it was found that the synthesized substance differs from the starting compounds from the ester and carbonyl groups
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DOI	10.34660/INF.2019.23.46533
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=94
Объект №15	
Заголовок	SYNTHESIS OF NEW DERIVATIVES OF COLCHAMINE AND AMINOCOLHAMIN WITH PROPARGYL ESTER OF ACRYLIC ACID
Аннотация	Synthesized 4- (kolhaminoN-butyn-2-yl) ovine esters of acrylic acid and 4- (aminocolhamino-N-butin-2-yl) ovine esters of acrylic acid. The structures of the synthesized compounds were confirmed by IR and PMR data.

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DOI	10.34660/INF.2019.23.46535
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=98

Объект №16	
Заголовок	NEW DATA ON THE LITHOLOGY OF THE SELENGA SUITE OF THE GUSINOOZERSKAYA DEPOT OF TRANSBAIKALIA
Аннотация	New data on the lithology of the Selenga suite of the Gusinoozer- sky Depression are presented. The large and gigantic oblique stratification of ter- rigenous sediments, various types of katuns and nodules identified here for the first time were characterized, the conditions for their formation were determined, comparisons of the Katunos strata of the Gusinoozersky Depression and the Osha Depression, as well as the Khara-Khutul Mountain in East Gobi in Mongolia were made. Signs of deep erosion, galling and redeposition of Cretaceous rocks are indicated. Extremely high sedimentation rates in river and flood (flood) condi- tions. It is concluded that a water disaster occurred during the Tertiary time in East Transbaikalia, in the Gobi Desert in Mongolia and possibly in other places.
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DOI	10.34660/INF.2019.23.46536

URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=103
Объект №17	
Заголовок	FORMATION OF GAS PERMEABILITY IN ADJOINING ROCK DUE TO COAL SEAM MINING
Аннотация	The article discusses the patterns of permeability formation in inter- bedded rocks during mining of a coal seam. In this case, the basis is the intercon- nectedness of permeability, formation loading and its gas saturation, expressed as a functional dependence determined experimentally. The formation loading can be obtained from the solution of the geomechanical problem, which describes the change in the stress-strain state of the array with increasing space. In this case, there are unloading zones from the initial stresses, which are responsible for the appearance or increase of permeability. In turn, the gas saturation of the forma- tion is determined from the solution of the corresponding problem of the mass transfer of methane in the formation and inter-formation rocks.
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DOI	10.34660/INF.2019.23.47866
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=125
Объект №18	
Заголовок	EXPERIENCE IN GROWING AUSTRALIAN CANCERS USING FODDER FROM BIOMASS OF POND ECOSYSTEMS
Аннотация	The experimental formulas of feed (starter feed and productive feed) intended for feeding Australian red crayfish Cherax quadricarinatus are developed. The uniqueness of the developed formulations is provided due to additives from local raw materials according to the nutritional needs of larvae and juveniles (a complex post-larval period at the moment of molting and rapid formation of chitin) and breeders (while developing the reproductive system to produce a viable offspring). Experimental batches of feed when replacing the tap water for mineral one in the preparation meet the following characteristics: high quality, nutritional feed activity of the objects 100, palatability of feed 100, feed pellets are not eroded and deposited, negative buoyancy. Feed based on the local raw materials in tens times cheaper than the feed for the Australian crayfish, presented on the market.
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DOI	10.34660/INF.2019.23.47867
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=135
Объект №19	
Заголовок	GROWING NEW TYPES OF AQUACULTURE IN HIGH- PERFORMANCE SYSTEMS
Аннотация	In the article the prospects of cultivation of warm-water aquaculture species (Tinca tinca, Cherax quadricarinatus) in the fast-developed small-sized modular aquaponic systems for the integrated production of environmentally friendly fresh products are disclosed. By results of researches biological standards are developed.
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DOI	10.34660/INF.2019.23.47868
URL	http://naukarus.ru/public_html/wp-content/uploads/2019/ Scientific%20research%20of%20the%20SCO%20countries%20- %20English%20Reports%20-%20December%2027%20- %20Part%202.pdf#page=139

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