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V.A. ILYICHEV

**CONCEPTUAL APPROACHES TO THE CONDUCT OF ROUND TABLE "THE CITY AND THE BIOSPHERE AT THE ANNUAL MEETING OF RAACS, 2015 IN KURSK**

*The report outlines a principled approach to the formation of the Round table "the City and the Biosphere, held in the framework of the annual meeting of RAACS in Kursk in 2015. Compared civilizational approaches of the East (China and India) and the West regarding the relationship of this relationship of people and Nature. Shown on historical material depth of 5000 years that the subordination of the interests of human Nature enables society to exist indefinitely. Otherwise civilization perish. From this perspective discusses the paradigm of biosphere compatibility of cities developing the person, and created the possibility to calculate the parameters of such a city.*

***Keywords****: relationship to nature, the interaction of civilizations with nature, China, India and the West, biosphereatmosphere town, the calculation of life parameters towns, supportive, comfortable and safe environment.*

Z.I. IVANOVA

**CIVILIZATION APPROACHES OF THE WEST AND EAST TO THE ORGANIZATION OF LIFE ON THE BASIS OF DIFFERENT PHILOSOPHICAL CONCEPTS ABOUT THE PLACE OF THE PERSON IN THE NATURE**

In the article the Western and Eastern philosophical concepts are analyzed, as well as myths, classical literature of China and Japan, pictorial art and architecture, which reflect the place of a person in the world and nature. The objective for our time: the search for solutions to environmental problems, the formation of new forms of human interaction with the biosphere. The author suggests: the perception of the environmental values of the eastern culture, the practice of self-education and self-restraint; changing consumption patterns; legislative strengthening humanitarian balance biotechnosphere.

***Key words****:* biosphere, ecological crisis, values of Eastern and Western civilizations, ecological ethics, life organization, humanistic balance of biotechnosphere.

V.V.ALEKSASHINA

**TRIAD: BIOSPHERE, TECHNOSPHERE, NOOSPHERE (ON THE PATH TO THE NOOSPHERIC CIVILIZATION)**

*The article describes the main stages of development of human society, in close communication with the development of the "living" areas of the Earth – biosphere, technosphere, and gradually evolving noosphere. Includes biographies of the major authors of this theory and their contribution to this branch of science: V. I. Vernadsky and P. Teilhard de Chardin, K. E. Tsiolkovsky, A. L. Czyzewska, N. N. Moiseyev.*

***Keywords****: biosphere, technosphere, noosphere.*

I.A. BONDARENKO

**ARCHITECTURE AND LIFE IN THE COURSE OF HISTORY: FROM PEACE TOWAR**

*The article discusses the features of the architecture from ancient times to the present, analyzes the problems of architectural and urban development and industrialization in General, Shows the need for a fundamental change in the relations of man to the Earth, to its bio-sphere, to living organisms, but also to its inorganic base, creating conditions for the life not only of man, but of the great mass of other creatures.*

***Keywords:*** *architecture, history, nature, urban planning, sustainable development*

A.M. KARIMOV

**METHODOLOGICAL, INFRASTRUCTURAL AND ORGANISATIONAL PREREQUISITES OF MODERNIZATION OF URBAN PLANNING IN MODERN SOCIO-ECONOMIC CONDITIONS OF NCII DEVELOPMENT OF LOW-RISE INDIVIDUAL HOUSING CONSTRUCTION IN THE MOSCOW REGION**

*The basis for the establishment of town-planning prerequisites for improving the quality of life should be the ideology of urban development, which will create the necessary "score of" based on a combination of various environmental factors: production, housing, sockultbit, engineering and transport infrastructure, methods of improving the quality of water, air, soil, as well as creating a solid architectural and artistic image of the city, based on the historical and cultural heritage.*

***Key words:*** *urban development score, identity and beauty of Russian cities, biospheric compatibility, universal law of urban development.*

A.S.BADARDINOV

**HOUSING OF NEW GENERATION FOR THE RUSSIAN FAMILY**

*The paper solves the problem of improving environmental performance in construction and existing buildings and to occupied territories, it is proposed to minimize the financial costs to perform this work and to increase the investment attractiveness of the integrated rehabilitation of urban neighborhoods, one of types of economic activity. Is a schematic diagram of the engineering of a house. The proposed engineering system in combination with the proposed design of the building is able to support the increased options of comfort in the house, while providing high energy efficiency.*

***Keywords****: environmentally friendly, residential development, system engineering, energy efficiency, energy balance*

D.V. DANILEVICH, N.V. BAKAEVA, I.V. SHISHKINA

**BIOSFEROSOVMESTIMYE OF TECHNOLOGY AT CONSTRUCTION OF CITY ENGINEERING CONSTRUCTIONS**

*Discusses the current practice of innovation in cities from the perspective of urban development on the principles of biosphere compatibility. Analyzed project design the reconstruction of the embankments of the rivers Orel from the position of the realizability of functions biosphereatmosphere of the city and implementation of innovative design and architectural solutions. Dana numerical implementation of the methods of calculation of indicators of biotechnosphere cities and settlements, and identifies specific indicators for the feasibility of the functions of the city. The results of numerical analysis the conclusion is made about the fundamental need to adopt new innovative gradostroitelnoi policy and implementation biospherically technologies in the construction and reconstruction of urban engineering structures.*

***Keywords****: urban development, innovation, biosphereatmosphere technology, program development, urban environment, engineering structures, reconstruction, functions of the city, safety, comfort.*