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KOBELEVA S.A.

**THE SYSTEM OF ECOLOGICAL REQUIREMENTS IN HOUSING CONSTRUCTION**

*In Russia, the problem of providing decent and comfortable housing for citizens is an important public task. In the Russian Federation first enters into force the State standard, which contains environmental requirements for real estate objects. Environmental requirements for real estate objects defined by a combination of the following basic categories: environmental management; the quality of the architecture and layout of the facility; energy conservation and efficiency; environmental protection during the construction, operation and reclamation facility; safety of vital functions, etc.*

***Keywords****: benchmarking, environmental requirements.*

V.A. EGORUSHKIN

**NEW APPROACHES TO THE ASSESSMENT OF THE WOODS OF GREEN ZONES OF THE CITIES IN THE LIGHT OF THE CONCEPT OF BIOSPHERIC COMPATIBILITY**

*The problem of ecological safety and creation of comfortable conditions for inhabitants of the modern megalopolis by means of the woods of green zones is considered. New approaches to an assessment of the woods of green zones of the cities in the light of the concept of biospheric compatibility are offered. Need of revision of existing standards of allocation of green zones of the cities is shown.*

***Keywords:*** *ecological safety, woods of green zones, protective woods, forest ecosystems.*

DANILEVICH D.V., BONDAREVa E.N.

**THE GREEN CARD OF THE CITY» AS AN ECOLOGICAL COMPONENT OF THE SYSTEM OF URBAN MANAGEMENT**

*In this article the analysis of the current system of town-planning regulation of urban environment, made some proposals on its improvement in the direction of ecological safety and to inclusion in the system of regulatory work - strategic plans of cities and green cards.*

***Keywords:*** *strategic plan, green card, spatial planning, environmental monitoring*

ILYICHEV V.A. AZAROV V.N., DONTSOVA T.V.

**OXYGEN WITHDRAWAL FROM THE BIOSPHERE AS EXTERNAL ACTIVITY OF THE CITY**

*The method of calculation of need of the city of Volgograd is given in air.*

***Keywords:*** *biosphericcompatible city, air environment, need of the city for oxygen.*

Azarov V. N., Marinin N. A. Barikayevа N. S., Lopatinа T.N.

**ABOUT POLLUTION BY MELKODISPERSNA BY THE DUST OF THE AIR ENVIRONMENT OF URBAN AREAS**

*Research of disperse structure of a dust in air of the industrial cities a necessary condition at an assessment of quality of environment.*

***Keywords:*** *air pollution, disperse structure, residential zone, integrated function.*

VOROBYOV S.A., KOZLOV D.Z.

**Some questions of methods for assessing the quality of biological indication of the urban environment from the perspective of the concept of biosphere compatibilit**

*This article is devoted to the application of different breeds biondikatsii urban green areas to assess the quality of the urban environment on the example of areas of the city Oreyl, with different levels of human impact.*

***Keywords:*** *biosphere compatibility, urban ecosystems, human impact, bioindication.*

Krygina A.M., KOLCHUNOV V.I., YEMELYANOV S.G., Maltsev P. V.

**ASSESSMENT OF POWER BRANCH OF MUNICIPAL ECONOMY FROM POSITIONS OF BIOSPHERIC COMPATIBILITY**

*The assessment of power branch of municipal economy is presented in article from a position of biospheric compatibility.*

***Keywords:*** *ecological safety, energy saving, indicator of biospheric compatibility*

ILYICHEV V.A., YEMELYANOV S.G., KOLCHUNOV V.I., SKOBELEVA E.A.

**Algorithm of working programs of the complex safety and survivability of the urbanized territories**

*In article the maintenance of development stages of programs of complex safety and survivability of the urbanized territories with providing reserves on a case of realization of risk factors is offered. Creation of algorithm of development of such programs is based on a basis of a world outlook paradigm of biospheric compatibility.*

***Key words:*** *the program, the urbanized territories, the activity environment, safety, survivability, biospheric compatibility*

SANZHAPOV B. Н. SADOVNIKOVA N. P.

**APPROACHES TO FORMATION OF TOWN-PLANNING POLICY ON THE BASIS OF THE PRINCIPLES OF ECOSYSTEM DESIGN**

*In article approaches to formation of town-planning policy on the basis of the principles of ecosystem design are offered.*

***Keywords****: ecosystem, ecosystem design, town-planning policy*

Boltaevsky А.A.

**Russian village: problems and prospects**

*Problems of the Russian village are analyzed in the article on the base of statistical data. The author emphasizes that problems of the Russian village (demographic, transport, economic) are transmitted from one generation to another. The village, being a link between the person and the nature, can form a basis of formation of the settlements which can be combined with the biosphere.*

***Keywords:*** *russian village, settlements which can be combined with the biosphere, government support, agroidustrial compex, living conditions, food security.*

IVANOVA Z.I.

**MASS MIGRATION AND INTERETHNIC RELATIONS IN THE CONTEXT OF THE CONCEPT OF BIOSPHERE COMPATIBILITY**

*In the given article such questions are discussed as the necessity of social climate measuring in polyethnic city or other settlement and forecasting a state of ethnical tension. Such an analysis is essential in order to consult interests and needs of separate social and ethnic groups on proper time, prevent conflicts, provide positive environment for individual and harmonious personality development.*

***Keywords:*** *ethnic groups, mass migration, biosphere compatibility, integration, cultural variety, social climate, ethno-psychological comfort.*

N.V. BAKAEVA, I.V. shishkina

**System representation of motor transportation infrastructure of municipal economy from a position of biospheric compatibility**

*The problem of creation of model and formalization of a condition of ecologically safe motor transportation system of the urbanized territory and management is formulated by it. With use of set-theoretic representation the model of object of management in the form of the natural-social-technical structure considering information exchange of its components is constructed. As a conceptual basis of the solution of a problem of management the motor transportation system used a paradigm of biospheric compatibility of the cities and settlements, and as a methodological basis - the principles of system approach and adaptation to changing environmental conditions and to internal restructurings of object of management.*

***Keywords****: biospheric compatibility, life support system of municipal economy, motor transportation system, natural-social-technical structure, humanitarian balance, criterion of an assessment of a condition of system, object of management, set-theoretic model*

GORODKOV A.V., SALTANOVA S.I.

**AGGRESSIVE VISUAL FIELDS OF THE CITY AS FACTOR OF INCOMPATIBILITY OF THE BIOSPHERE AND URBANIZED ENVIRONMENT**

*The problems of an analytical assessment of aggressive fields in building cities, formulated requirements ekorekonstruktsii ecological environment.*

***Keywords:*** *visual environment, aggressive field biosphere compatibility video ecology*

I.A. TIMKO

**Acoustic pollution of green zones of the city Bryansk in winter time**

*The results of studies of acoustic pollution of the city of Bryansk in winter 2012 - 2013 years. Proposed future plans in this area in the summer by identifying the role of green space in reducing the noise level.*

***Keywords:*** *noise level, maximum permissible level of noise, acoustic pollution.*