

SUMMARY & REFERENCES

SOCIETY

EFFICIENT MANAGEMENT

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SOCIAL AND ECONOMIC FACTORS OF TOURISM WELLBEING IN THE EAST PRIAZOVYE

The tourism industry and the social and economic state of the territory are able to act as a catalyst for mutual development. The paper proposes determination and establishment of interrelation of social and economic welfare levels and the levels of tourism development in investigated region. The article defines the criteria and assesses the indicators of the level of tourism development and social-economic well-being of the municipal areas of the Eastern Priazovye by technique of the multidimensional comparative analysis with mathematical methods of standardization indicators. It was identified the areas with a high level of tourism development and the areas that require the revitalization of the tourism industry. According to results, it can be argued that all areas of the Eastern Priazovye have high levels of social-economic well-being. In conclusion it was determinate that all municipal areas of Eastern Priazovye have necessary social and economic conditions for development of tourist branch.

Key words: integrated indicators of tourism development and social and economic wellbeing levels, multidimensional comparative analysis, municipal districts of East Priazovye, mathematical methods of standardization of criteria.

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SYMBOLISM OF IMAGINARY IN THE COURSE OF KNOWLEDGE

Imaginary is filled with the symbols having various nature and a structure. Mastering this space of post-material values demands efforts in modern educational process. The tradition of a research of symbolism of consciousness developed the Russian symbolists. The symbol closely adjoins to the sign and value and reveals in the system of meanings. The research of the symbolism imagined belongs to the productive sphere of studying of creative process. The attention to a role of corporality and its demonstrations in symbolical imagined is paid. Imagined is considered in connection with development of the theory and practice of the Russian symbolism which has affected researches of the nature of a symbol and its influence on creative process. Symbolism imagined and his historical and cultural metamorphoses are present at many works by great artists. The analysis of symbolical helps to define limits of the work of art, the sphere of his interpretation and cultural continuity. Symbolism of imagined opens intensions of researches of cultural influences of religious consciousness and its transformation in images of an art.

Key words: values, imagined, a symbol, the sign, corporality, culture, the work, symbolization, phantasms, sense, value, art.

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GLOBALIZATION: POLEMIC OF CIVILIZATIONS

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ON LENIN'S THEORY OF PRE-CAPITALIST SOCIALIST FORMATION

Lenin proposed the theory of pre-capitalist socialist formation. According to Lenin, traditional agrarian society with feudal patriarchal system was the historic predecessor of pre-capitalist socialist society. The political development mode of pre-capitalist socialism insisted the unification of the elements of socialist political civilization, including the cultivation of new socialist citizenship through democratic culture and the balance of power based on democratic centralism. The self-guided union of the working masses would be the form of socialist development in the future.

Key words: Pre-capitalist socialism; state capitalism and commodity economy; new citizenship and Democratic mechanism; self-guided union of the working masses

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PEDAGOGICAL EXPERIENCE

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DEVELOPMENT OF HIGHER EDUCATION IN 18TH CENTURY: CENTRAL EUROPE UNIVERSITIES

The article examine a development of Central-European universities in 18th century. Defined universities of this time was confront with non-academic intellectual institutions. Institutionally it raised a model of medieval university, with specific complex of faculties and programs. Thus academic science isolated upon the new science was madden of modern philosophers (Descartes, Leibniz etc), and educational courses don't reflect of fundamental changes in worldview was happens in 17th and 18th centuries. Role of universities terminated some functions like examinations, degrees award. But universities have done socially legitimized knowledge, and it was reformed in 18th century. Development of European Universities determined fundamentally becoming of Russian high education and formation of Russian Universities.

Key words: «ancien régime», universities, education, Age of Enlightenment, Early Modern, reforms, conservatism.

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THE SOLAR SYSTEM CYCLES IN THE ARCTIC

The authors consider the connection between solar cycles and the Solar system motion and present some examples of their influence on the Arctic nature.

Key words: 11-year cycles, 179-year cycles, the Arctic, the growth of trees, abundance of deer.

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FACTORS OF THE ENVIRONMENT AND POSSIBILITY OF THEIR USE FOR PREDICTIONS

OF ABNORMAL HIGH WATERS OF ENISEI

Dudinka (1935) allows to define the most long series of observations behind water levels around seaport years of their highest and naboly low levels. For them average monthly distribution of factors of the environment is defined: solar and geomagnetic activity, galactic space beams, circulation of the atmosphere in the northern hemisphere, the air temperature and rainfall in days of opposite abnormal high waters. On average monthly distribution of factors of the environment there is an opportunity with advance time in several months to predict an abnormal high water in Dudinka. Conclusions: Thus, the distribution of space and terrestrial factors with a certain degree of reliability can predict the level of impending floods. Information on the level of the next high water is of great practical importance for economic activity within the coastal territories of the Enisei.

Key words: water levels, high waters, solar and geomagnetic activity, temperature, rainfall, galactic space lch, circulation atmospheres.

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ESTIMATION OF SPATIAL INTERPOLATION METHODS FOR METEOROLOGICAL DATA

The 9 interpolation methods included in the widespread spatial data processing package Surfer on a typical array of meteorological data were tested. The average monthly values of temperature, humidity and pressure were used as the initial values, as well as the amount of precipitation for November 2016 for 50 stations in the north-western Russian Federation part measuring 10×10^3 . The comparative characteristics of the constructed isolines are given and the accuracy of interpolation by each algorithm is calculated using the cross-validation method. The dependence of the constructed field's accuracy on the variability of initial parameters in space is established, which allows estimating the expected interpolation error before the interpolation procedure is performed.

Key words: interpolation, inverse distance method, minimum curvature, natural neighbor, polynomial regression, local polynomials, radial basis functions, kriging, Shepard's modified method, triangulation, cross-validation

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URBAN ENVIRONMENT

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INLAND PASSENGER WATER TRANSPORT OF SAINT-PETERSBURG. IN SEARCH OF GROWTH POINTS

Comprehensive analysis of present state of water passenger transport in Saint-Petersburg is considered to achieve aims for searching its new growth points. This article, based on variety of statistical methods, shows problem situations with the brake effect for the shipowners: problem of water consumption, lack of infrastructure development, planned work of clearing sediment and etc. In this article based on using cartographic material is described different water ways divided into 4 categories and analysed. Also author revealed the reasons of rapid growth in this service: from the increase in domestic tourism to changes in legislation. High practical relevance of this article is strategic steps for further development of water tourism in Saint-Petersburg.

Key words: water urban transport, Association of the city shipowners, the passenger transportation, river and canals, waterways of Saint-Petersburg.

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