

Abstracts, keywords

Geopolitics

Bidnaya K. V. Cyber-terrorism as a threat to national security in the Arctic region

Abstract

This article represents the first experience in the research of possibilities and probabilities of cyber attacks in the Arctic region, namely the defeat and withdrawal from the ABM system, and computer control systems of drilling rigs, which can harm both national security and ecological state of the Arctic. Additionally, this article highlights the question of the possible impact of acts of cyberterrorism on the development of the Arctic sector of Russia, in other words, there are studied International Relations of Russia in the 'new political areas' – circumpolar area and global informative sphere.

Keywords: *Arctic, cyber-terrorism, Russia, USA, NATO.*

Zhilina I. S. The legal aspects of the development of the Northern sea route and North-Western passage, like a new Arctic marine transportation system

Abstract

The article is devoted to the legal regime for the international navigation on the waters of the Northern sea route and North-Western passage and sovereignty in the territorial waters. Particular attention is given to the foreign policy aspects of the development of the transport route of the Arctic and its economic potential.

Keywords: *the Northern sea route, the North-Western passage, Russia, Canada, Arctic, navigation.*

Historical sciences, ethnology and anthropology

Lukin Y. F. About Russian Pomor say a word

Abstract

Conceptual approaches 2 definition of concepts 'pomors', 'Russian Pomors' in historical and modern understanding are considered.

Keywords: *Pomors, Russian Pomors, the Arkhangelsk region.*

Pyzhova A. N. Ethnic identity of Pomors of the Arkhangelsk region through the prism of the main anthropological approaches

Abstract

This article provides an overview of the two main theoretical approaches that are widely used to study the issues of ethnic identity in social anthropology – primordialism and constructivism. In addition, an overview of the basic theoretical difficulties in determining the ethnic identity of the group. Using data from the field research (interviews), the article provides an analysis of the ethnic identity of Pomors, presented through the prism of these two approaches.

Keywords: *identity, ethnicity, Pomors, primordialism, constructivism, markers of identity.*

Semushin D. L. Pomorie and Pomors: the structure of one historical myth**Abstract**

The historical myth is playing a key role in any ethno-building. An important role in the initial stage is playing the work of ideologues and historians, writers. In the article is analyzed the structure of the Pomeranian historical myth, it is based on a specific interpretation of the colonization process of the Russian North and the specific interpretation of local history and geography and local concepts.

Keywords: *Pomorie, Pomors, Barents region, Russian North, ethno-building, ethnoseparatism, regionalism, historical myth, historical falsification.*

Sociological sciences**Bobina Y. V. The features of the family relations in the countries of the Barents Euro-Arctic region****Abstract**

In the article discusses the main features of family relations in the Barents Euro-Arctic region: Russia, Norway, Sweden and Finland. Analyze statistical data on the number of marriages and divorces, the average age at marriage, the results of the polls. Attention is drawn to the existence of a special institution of family politics in the countries of BEAR – Family centre.

Keywords: *family, countries of the Barents and Euro-Arctic regions, human development index, the average age of marriage, Family centre.*

Bobyleva N. I., Rybak E. V., Tshyhonchik N. V. To the question about the research of the socio-cultural potential of the population of the Arkhangelsk region, like Arctic territory**Abstract**

In article the sociocultural potential as an element of the human capital is considered. The concept of 'social and cultural potential' includes social and cultural side. The authors propose their own method of studying the social and cultural development. They find it is very important to the cultural development of the Arkhangelsk region as the Arctic territory.

Keywords: *socio-cultural potential, population of the Arkhangelsk region, Arctic.*

Vyazmin A. M., Sannikov A. L., Mordovsky E. A. The leading determinants of public health of the Arctic territories of the European North of Russia**Abstract**

The article from the perspective of public health disciplines summarizes the population dynamics, age structure of population of Arkhangelsk and Murmansk regions and Nenets autonomous district at the turn of XX–XXI centuries. The main aspects of the natural movement of population in three regions of the European North of Russia. Analyzed death rates from the major groups of diseases (cardiovascular, tumor) and states (external causes of death). The characteristics of the processes of marriage and divorce. The data on disability populations of the Arctic regions as one of the most important factors leading to a reduction of the labor potential.

Keywords: *Arctic, North, birth, death, marriages, divorces, disability.*

Malahovskaya M. A., Ivanova M. M. The students of NArFU subdued Brussel**Abstract**

The students of the NArFU named after M. V. Lomonosov hold a week took part in the training course of Journalism in Brussels. During their trip they visited the main Institutions of European power, such as European Union, European Commission and European Parliament. They saw all the under water stones of the work of the journalists in NATO and they discussed the main questions, which were connected with the Arctic with Russian mission in NATO and they also had a chance to take part in the elections of the president of Russia.

Keywords: *Brussels, NATO, European Union, Arctic, Belgium, elections, journalism, politics.*

Biological sciences***Koroleva N. E. One hundred years of the geo-botanical research in the Murmansk region: history, modern position and problems*****Abstract**

This article provides an overview of trends and current status of Geobotany in the Murmansk region, with particular attention to the problems of modern geo-botanical studies. Emphasizes the importance of regional geo-botanical studies and preparation of students of geo-botanical biological specialties.

Keywords: *geobotanics, the science of vegetation, phytosociology, ecological assessment, Kola encyclopedia, the History of the Science, the Higher Education, Murmansk Region.*

Korelskaya T. A., Popova L. F. Heavy metals in the soil-vegetation cover of the selitebnii landscape of the city Arkhangelsk**Abstract**

Soils of the selitebnii landscape of Arkhangelsk is the most polluted of the forms of heavy metals (Pb, Cu and Zn) in the old part, which may be related to the type of underlying soils. The soils have a high availability of Arkhangelsk mobile forms of Cu and Zn, but the actual reserves are deficient in Co, Ni and Mn. Accumulation of heavy metals in the city plants is more intense that in natural conditions and increases in the number of row of $Fe < Ni < Co < Pb < Cu < Zn$.

Keywords: *selitebnii landscape, city soils, heavy metals, pollution, soils-natural cover.*

Management, economy***Dokychaev D. S. Region, like a social system*****Abstract**

The article is devoted to the social and philosophical analysis of the phenomenon in the region. The author of the system approach considers the region as a social system. Determined by the conceptual, structural and substrate levels of the system. Analyzes the main systematic relationships.

Keywords: *region, system research, system, sozium.*

Prisyazhny M. Y. The development of Yakutia in the context of modeling the development of the North of Russia**Abstract**

Taking into account the specific development of the North on the basis of economic-geographical approach of nordifikation of economic activity and regional policy is based in the same space a variety of factors, environment and development tools. In Yakutia, realized long-term specific geopolitical goals of the state. The article describes the approaches to the selection of management strategies for the development of the northern territories of the country.

Keywords: *North, Yakutia, economic development, types of territories, regional policy, and the development model.*

Tsvetkov A. Y. Marketing approach in the research of the Northern territories**Abstract**

In article the concept of strategic marketing of the northern territories and the possibility of its application for long-term efficient development of the territory and its internal and external stakeholders, the specific requirements that must be met, is considered. The main parameters of the model development of the Northern Territory. Authors model of the 'economic – social – ecological marketing' territory.

Keywords: *marketing approach, strategic marketing, sustainable development, the northern territory needs.*

Shishatsky N. G., Kirko V. I., Keush A. V. Social-economical problems of creating the territories of traditional land use**Abstract**

The article analyzes the concept of 'territory of traditional nature use', addresses the social-economic and legal problems of the concept of territories of traditional nature. The authors propose an approach to solving the problems of the concept. Highlighted criteria for establishing boundaries and implementation phases of the concept of territories of traditional nature. The result of a comprehensive study of the concept should be a standard design of the unit territories of traditional nature.

Keywords: *territories of traditional land use, native indigenous populations of the North.*

Kalashnikov E. V., Lagunova S. V. About the problems and the perspectives of the development of the territorial and public authorities in the Arkhangelsk region (Several results from the seminars)

This article summarizes the experience of holding the practical seminars 'Territorial public self-government as a resource for the development of the municipality', which was held last autumn in the municipalities of the Arkhangelsk region. The constructive dialogue with the leaders of territorial communities and local government officials allowed the authors to formulate relevant to the region's problems and the perspectives of the development of territorial public self-government.

Keywords: *territorial and public authorities, public participation, resources for development.*

New publications, reviews***Lukin Y. F. The expedition follows in the tracks of Pomors*****Abstract**

The monography is reviewing about the results of complex expedition 'Follows in the tracks of Pomors', which in 2011 conducts a research of the islands of the Petuhovsky Arhipelago on Novaya Zemlya in the Karsky Gate bay.

Keywords: *Novaya Zemlya, Petyhovsky Archipelago, history, nature, ecology.*