

## Abstracts, keywords

### Geopolitics

**Konyshhev V. N., Sergunin A. A. The strategy of Canada in the Arctic and Russia: is it possible to find mutual understanding?**

#### Abstract

Canada's Arctic policy on the modern stage is analyzed in the article. It is also studied Canadian and Russian relations in this region. They are identified, like the most 'problematic', and also the favourable spheres for cooperating of 2 states in the Far North. It is concluded that among 'official' arctic powers, Canada is the most likely partner for Russia in the regional cooperating.

**Keywords:** *Canada's Arctic strategy, Canadian and Russian relations cooperation and rivalry in the Far North.*

**Lukin Y. F. Putin's breakthrough in Arctic**

#### Abstract

Ecology, Economy, Security of Russian Arctic – are the strategic and important steps in 2012. It is the beginning of the general cleaning of the Arctic. The Arctic shelf of Russia, Prirazlomnoye. 'NK' 'Rosneft': policy towards the strategic partnership with ExxonMobil, Eni и Statoil. To be strong – the guarantee of the national security.

**Keywords:** *Arctic, ecology, policy, Putin, shelf, modernization.*

**Morsciikhina L. A. 'Arctic-Fund' – the territory of dialogue**

#### Abstract

In this article, according to the example with the scientific-educational project 'Arctic Fund' was presented the activity of the Research Library of the NArFU in the sphere of creating of a united information space, according to the main spheres, which are reflected the national interests of Russia in the Arctic.

**Keywords:** *Arctic vector of the development, educational model, Scientific Library of the University, research and educational portal.*

### Sociological sciences

**Kashkina L. V. Social well-being of the population of the mono-specialized city**

#### Abstract

The article deals with the concept and the distinctive characteristics of the health and social well-being, mood and social mood, the main approaches to the study of the social well-being, its species and indicators, as well as features according the research of such phenomenon like mono-specialized city.

**Keywords:** *social well-being, social mood, social welfare, social expectations, indicators of the social well-being, mono-specialized city.*

**Vyazmin A. M., Sannikov A. L., Mordovsky E. A. Social and medical problems of the population of the circumpolar countries – challenges of the modern development of the Arctic**

#### Abstract

The article is based on a review of data, which were submitted in the foreign scientific journals, which reflect the results of the research, which were carried out in the framework of the discipline 'Public Health'. The characteristic of the social and medical problems of the population of the circumpolar countries in the early XXI century is given.

**Keywords:** *Arctic, North, public health.*

### Biological sciences

**Erofeevskaya L. A., Aleksandrov A. R. The influence of radio nuclides  $^{137}\text{Cs}$  и  $^{90}\text{Sr}$  on the soil microbial community on the territory of the underground nuclear explosion 'Kraton-3' (Yakutia)**

#### Abstract

It was first conducted the microbiological studies of the soils in the underground nuclear explosion 'Kraton-3' (Yakutia). It was found that the soil area has toxicity to micro- and makroflora, inhibit seed germination, seedling development of the green part and the root system of plants. With theoretical and practical approaches, it is necessary to further study and evaluate the factual capacity of  $^{137}\text{Cs}$  and  $^{90}\text{Sr}$  in the microbial community to assess the environmental hazard or safety of radioactive waste and its possible effects on human health, animals, and, in general, the environment in the northern latitudes.

**Keywords:** *radio nuclides, micro- and macroflora, bacteria, fungi, ecological safety.*

### Management, economy

**Yurkov D. V. The management of the regional informatization**

#### Abstract

In the article estimates the state of the informatization of the Arkhangelsk region in general and of the government in particular, analyzes the results of the target program 'Electronic Arkhangelsk region', the status of work on the creation of e-government in the region.

**Keywords:** *Arkhangelsk region, state and municipal management, information technology, e-government, target program 'Electronic Arkhangelsk region', the concept of information, register of public and municipal services.*

**Kibitkin A. I., Smirnova K. A. Sustainable use of natural resources in the Arctic in the field of industrial fisheries (social-economic and environmental issues)**

#### Abstract

The article describes the aspects of sustainable development in the Arctic fishing industry as a socio-ecological-economic system. Describes the relationships and conflicts between the subsystems of the system, the directions of the state for fisheries management as a socio-ecological-economic system.

**Keywords:** *sustainable development, social, ecological and economic system, the fishing industry, government regulation.*

### History

**Zobnin A. N. To the question about the Northern Sea Route in the history of the Polar expedition of V. Rusanov**

#### Abstract

The article describes the stages of formation and development of the ideas of the famous polar explorer, geologist V. A. Rusanov, which formed the basis of the plans of his last expedition in 1912. Based on Russian Arctic expeditions in 1909–1915 period (including the 1<sup>st</sup> and 2<sup>nd</sup> New Zemlians), and modern data on the Arctic navigation and weather conditions of the Kara Sea, the author puts forward and often justified the route cutter version 'Hercules' to the shores of the Taimyr autumn of 1912, winter 1912–1913 and the return trip to navigation in 1913.

**Keywords:** *expedition, Rusanov, ice, Kara Sea, the Arctic, Novaya Zemlya, Hercules, cape, high-latitude, Siberia, Yenisey, Desires, ball, path, way, Taimyr, wintering, Minins' sherries Gulf Pyasinskaya, currents, the East, parking, island, geology, and hydrology.*

**Fedorov P. V., Golovach R. I. The historical types of the settlements on the Kola Peninsula, like landscape 'texts' of the Russian exploration****Abstract**

Based on the description of the appeared historical types of the settlements in the Kola North. In the first article the way of looking at the process of development of the Russian-Arctic areas, which are contacted with each other landscape 'texts'. The approach is addressed to the depth of the cultural development of the northern area, allowing you to refuse from often simplified understanding of the development of a 'colonization' of empty spaces.

**Keywords:** *urbanization, city, industrialization, colonization, modernization, cultural landscape, Kola North, transformation, settlement.*

**Reviews****Gnezdov S. V. About the new book of L. I. Nevzorov 'Tracks of the vagabonds'****Abstract**

Reviewing a new book by L. I. Nevzorov about Pinejje 'Tracks of the vagabonds'.

**Keywords:** *L. I. Nevzorov, Pynejje.*

**Fedorov P. V. Who cultivated Russian North? Objection to the Norwegian author****Abstract**

Based on the critical analysis of the book Ingve Astrup 'Norwegian timber merchants – are the pioneers of the Russian Belomorye in the years of 1880–1930'. In the article analyzes the modern trends of Norwegian historiography about the coverage of the issues of the Russian-Norwegian relations.

**Keywords:** *Russian-Norwegian relations, historiography, Norway, Russian North, Russian Belomorye, exploration, timber industry.*

**The results of the photo competition 'My North. My Arctic'**

Based on the appendixes of the photo competition 'My North. My Arctic', were named the winners, who took the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place, others.

**The resolution XV of the Solovetsky forum 'Russian Arctic: history, modern situation, perspectives', which were held in Arkhangelsk and on the Solovetsky Islands in 18–20 September 2012**

Arkhangelsk was declared the capital of the Russian Arctic. It was decided to create a network organization 'Arctic Union of Russia' as the union of regions of municipal formations of Russia). (Union Arctic regions, municipalities Russia – UArmR).