

## Abstracts, keywords

### © **Butorin M. V, Butorin S. M. Development of the provincial press on the Arkhangelsk north in the reform period**

The article is devoted to the provincial press of the Arkhangelsk North of Russia. Analyzing the reasons for its formation and development, the author concludes that the appearance of new newspapers have been caused by changes in the social life of the country and northern region in particular.

**Keywords:** *Provincial Gazette, the provincial press, the north side, the reforms.*

### © **Bykova M. S. Mapping of the Solovetsky Islands in XVI–XVII centuries**

The history of the geographic descriptions of Solovki closely related with the history of research of the Arctic Region by Russian and foreign seaman. The analysis of 34 ancient maps of the White Sea in XVI–XVII centuries led to the following conclusions. At first we meet the Solovetsky Islands in the map of Muscovy dated by 1537 year, compiled by A. Widom according to the boyar I.V. Lyatsky data. Most of maps of XVI–XVII centuries were made by Western Europe, British and Dutch cartographers. Both own observations of authors and maps of their predecessors and the Russian cartographic sources were used in compilation. But most of them didn't survive. Most cartographers of XVI–XVII centuries like S. Herberstein, C. Munster, W. Borro, P. Bertius, G. Gerritsen, W. Blau, J. Tiriton, etc. denote Solovki in their studies. Solovetsky Islands are marked on 25 of the 34 reviewed maps of XVI–XVII centuries. Solovki on maps of XVI–XVII centuries have different toponyms: "Soloffki", "Solofki", "Solowka Insvla", "Solofka", "Soloffky", "Solffky", "Soulofki", "Solafka", "Senloski". Islands of the group of Solovetsky archipelago are marked only on a few maps. Anser ("Angra" – 1614 H. Gerritsen, "Anger" – 1612 I. Massa, 1635 J. Blau, 1660 F. de Wit), Zayatsky ("Satska" – 1612 I. Massa, 1635 J. Blau), Muksalma ("Muksama" – 1635 J. Blau). Most of maps of XVI–XVII centuries give an incorrect location of Solovki in the White Sea basin.

**Keywords:** *old maps of Solovki, the initial stage of mapping, the history of research.*

### © **Dregalo A. A, Ulyanovskiy V. I. Territorial explication of the North as a conglomerate of local environments**

The article presents a conceptual analysis of the territorial typology of the northern region. The methodology of the integrative approach typology of the northern territories as a conglomerate of local media is substantiated. There is the methodological analysis of the factors of the transition from "the development of a habitation" northern territories as bases of social typology of the northern people, Nordmen.

**Keywords:** *territorial typology, the local environment, habitation territory of, aboriginal people of the north.*

### © **Galanin A. V. Bjarmland – Russia Belomorsky**

The main thesis of article is the fact that Russia has begun on the White sea as Russ Belomorskaya. For the first time the hypothesis that Ryurik, Sineus and Truvor have come to Ladoga, Belozero and Polotzk from the coast of the White sea from Bjarmland is put forward. Names

Bjarmland and Russia mean the country of bears, only in different languages: southern neighbors called inhabitants of northern country uruses, and western – bjarms. Until now, in representation of neighbors Russians are still associating with their ancient totem, the bear. The origins of Rus should be sought in ancient times; to understand the role of the Aryans, Slavs, ethnos of Celts in ancient history of Arctic regions and the North. In article are investigated not only written sources, the bibliography, but also climate changes, the geological periods; available artifacts, petroglyphs, architectural constructions (temples in Russia and India, Solovetsky and Novodvinsky fortresses, etc.), works of decorative art; names of the rivers and lakes, a vegetative cover and landscape of Belomorie.

**Keywords:** *Russ Belomorskaya, Bjarmland, Varyags-Russ, Celts, Rurik, climate changes, artifacts.*

© **Gjertsen T., Golubeva V. Thematic network of University of Arctic on regional and local development on the basis of University college Finnmark**

In article the basic directions of activity of a thematic network of University of Arctic regions on regional and local development on the basis of University college Finnmark reveal.

**Keywords:** *University of Arctic regions, a thematic network, regional and local development, partnership, practical seminars, Izma, Yakutia.*

© **Khramchikhin A. A. Military-political situation in Arctic regions and the scenario of possible conflicts**

A state of five subarctic countries (Canada, Norway, Denmark, the USA, Russia) armed forces and possible scenarios of military conflicts in Arctic region are considered. The conclusion that the possibility of military conflict in Arctic region is very low in the foreseeable future.

**Keywords:** *Arctic, armed forces, Canada, Norway, Denmark, USA, Russia, conflicts.*

© **Komleva N. A. Arctic strategy of the subarctic states: general and especial**

There are considering in comparison the arctic strategies of the main arctic states: Russia, USA, Canada, Norway, Denmark. The author stresses the high level of Russian arctic strategy working out and the soft power using in the north strategy of Norway.

**Keywords:** *the Arctic, arctic states, arctic (north) strategy, hard power, soft power, arctic region mastering.*

© **Konov A. M. The Problem of design and implementation of the development of strategy of the Russian Arctic in terms of theory of I. Adizes**

In the article is analyzed the Problem of Design and Implementation of the development of Strategy of the Russian Arctic in terms of management of changes theory of I. Adizes. There are formulated the recommendations to establish an effective system developing and implementing the strategy to solve the problem.

**Keywords:** *the Arctic policy, the development of Strategy of the Russian Arctic, management of changes, the theory of I. Adizes, the trust, the respect, the life cycle of the organization.*

© **Lukin Y. F. The contract between Russia and Norway – a step to peaceful repartition of Arctic sea space**

This article deals with the Contract between the Russian Federation and the Kingdom of Norway about differentiation of sea areas and cooperation in the Barents Sea and Arctic Ocean. After adoption of United Nations Convention on the Law of the Sea (UNCLOS) in 1982, the Ilulissat Declaration of 2008 contract ratification between Russia and Norway in 2011 becomes the most important step to peace repartition of Arctic sea space. At the continuing global war for resources of Arctic regions momentous event has occurred, which will undoubtedly become a model and example for the Arctic countries. The shorthand report of session of the State Duma and other materials are published, in which the various points of view on an investigated subject are reflected and investigated. In the annex to the article the official text of the contract.

**Keywords:** *Great repartition of Arctic regions, Russia, Norway, Barents sea, contract, differentiation of sea spaces, cooperation.*

© **Moskalenko M. R. Military-defense calls for Russia: geography and the historical outlook**

This article analyzes the impact of geopolitical and geostrategic factors on military defense potential of Russia. We consider the situation in Russia as a “continental” power; we investigate the socio-cultural peculiarities of Russian modernization and contemporary challenges and problems facing the Russian civilization.

**Keywords:** *historical geography, geopolitics, the mentality, modernization, social and political forecasting, geo-strategic position.*

© **Shangina N. P, Feklistov P. A. Stock of seeds in soil of fir groves bilberry**

In article results of research of a stock of seeds of various tree species in soil and a laying of fir groves bilberry are resulted. The interrelation between quantity of seeds in soil and quantity young generation of trees is considered. The obtained data is analysed by means of methods of mathematical modeling. It is possible to recommend results to use in the practical purposes.

**Keywords:** *natural renewal, stock of seeds, mineral horizon, wood laying, young generation of trees, a fir grove.*

© **Tsvetkov A. Y. Strategic management of the Solovetsky islands sustainable development**

This article defines spiritual, historical and cultural, scientifically-educational, social-economic, etc. potential of the Solovetsky archipelago territory in the context of the regional strategic development. Author analyses the management contradictions and problems, points the basic directions of the Solovetsky archipelago strategic development. It's shown specifics of protected areas as management object, their place in the regional social-economic complex. Article provides the main problems of the Solovetsky archipelago development and gives some ways to their solving on the basis of modern concepts of management and marketing.

**Keywords:** *strategic management, territory sustainable development, Solovetsky archipelago, partnership, the marketing approach in the territory management, social and economic development of specially protected territories, management efficiency.*

© **Zalyvskiy N. P. About the continuity of the northern concept of M.V. Lomonosov in selecting of geopolitical model to protect the economic interests of Russia in the Arctic**

In this article Lomonosov is considered to be the founder of Northern Regional Studies, the person who determined the place and the role of the Arctic as the strategic factor of Russia's development. The author proves practicality of a transition towards the principles of Russia's geopolitical behavior ensuring protection of the country's long-term economic interests in this region. Such approach is an expression of the continuity of the first Russian Academician's ideas concerning the Arctic.

**Keywords:** *Lomonosov, Arctic regions, economic interests, geopolitical model.*

© **Zueva M. A. Ecological-economic preconditions of politicians transition to alternative source of the energy**

The article discusses the reasons for the transition to alternative energy sources. The comparative characteristics of the fuel component quantities of heat when using different fuels and justify the economic benefits of biofuels. Environmental benefits of biofuels are considered, the economic preconditions for increasing its consumption.

**Keywords:** *alternative sources, efficiency of the use, economic advantage.*