

**ABSTRACTS, KEYWORDS****Regionology of Arctic and North: management, economy, society, culture**

© *Konov A. M. Interdisciplinary approach to the solution of problems of management of the Arctic zone of the Russian Federation*

**Abstract.** The article analyzes the possible ways of the decision of problems of management of the Arctic zone of Russia from the position of the interdisciplinary approach.

**Keywords:** *Arctic, policy, management, problem, Russia, trust, respect, and an interdisciplinary approach*

© *Spiryagin V. I. Theoretical approaches to study of rate proportions for two regions*

**Abstract.** This article is dedicated to long-term forecasting of growth rates on base of development of problems of the North and Arctic. Information is presented in this work about condition and particularities of operations of region, correlative features of prospects are determined.

**Keywords:** *Arctic, north economy, North, Russia, long-term strategic landmarks, Far East, sustainable development*

© *Fauzer V. V. The demographic potential of Russia's Northern regions as a factor of the economic development of the Arctic*

**Abstract.** The demographic potential of Russia's northern regions on the basis of population dynamics, fertility and mortality is considered; the reasons for the migration of population movement are given; the affect of demographic potential of the northern regions on the economic development of the Arctic is shown.

**Keywords:** *demographic potential, migration, the northern regions, the economic development of the Arctic*

© *Grushenko E. B. Cultural and natural heritage, as the basement for the development of the ecological and ethnological tourism in the European North of Russia*

**Abstract.** In the article notices, the problems and perspectives of the tourism potential of the regions and tourism centers in the European North. Special attention is paid to the development of the ethnographic and ecological tourism.

**Keywords:** *museum-reservation, ethnographic tourism, Karelia, Veliky Ustyug, rural farm agro-eco tourism*

**Geopolitics**

© *Khramchikhin A. A. Will be the Arctic last redivision of the world theater?*

**Abstract.** The possibility of military conflict in the Arctic between Russia and NATO countries is illusory, if Russia can maintain its military capabilities at least at current levels. In the more distant future, a party can be a redistribution of the Arctic, China, is experiencing growing demand for natural resources and rapidly increasing military power.

**Keywords:** *Arctic, wars, USA, NATO, China*

### Historical sciences

© *Lavrentieva A. Y. Solovetsky forum: on a way to civil society (1989—2012)*

**Abstract.** The paper outlines the key milestones of the informal social movement 'Solovetsky forum' and his contribution to the development of civil society in Russia.

**Keywords:** *history, Solovetsky forum, a social movement, Solovetsky stone, citizens*

© *Lukin Y. F. City of archangel Michael*

**Abstract.** In this article the initial history of Arkhangelsk, which owes its calendar with date of foundation of the monastery of Archangel Michael in 1388.

**Keywords:** *monastery, military fortress-city, date of foundation*

© *Vazhenin B. P. An enigmatic iron artifact from Oksa bay coast, the north of The Sea of Okhotsk*

**Abstract.** A forged iron item found on the Sea of Okhotsk shore displays some similarity with items representing different cultural traditions, but, however, it appears somewhat different from all of them. It can be a walking-stick, pick, graze or poker. Its ethnic origins, place and time of its manufacturing can be established, if providing similar artifacts are reported from other areas.

**Keywords:** *iron artifact, graze, chisel, the Evens, the Evenks, the Koryaks, Magadan, tsunami, the Sea of Okhotsk*

### Biology, sciences about the Earth

© *Iglovsky S. A. Of Russia and their consequences*

**Abstract.** The anthropogenic changes of permafrost conditions in the key areas of the European North of Russia – village Koida (Mezenskaya tundra), village Nes (Kanin peninsula), village Shoina (Kanin peninsula), Mezen city, Vashutkini lakes (Bol'shezemel'skaya tundra), Amderma (Yugorsky peninsula), the northern part of the island Vaigach. Geocryological characteristics of sites and the main types of anthropogenic changes in permafrost conditions describe.

**Keywords:** *anthropogenic transformation, permafrost conditions, Dvinsko-Mezenskaya plane, Kanin peninsula, Vashutkini lakes (Bol'shezemel'skaya tundra), Amderma (Yugorsky peninsula), island of Vaigach, cryogenic processes*

© *Loshkareva A. R., Koroleva N. E. Special traits of the large-scale mapping in forest-tundra zone*

**Abstract.** Some special characteristics and process of large-scale mapping of forest-tundra zone in the northern part of Kola Peninsula are discussed and illustrated. Vegetation types of mountain birch forest, wetlands and tundra are characterized.

**Keywords:** *large-scale vegetation map, space images Landsat TM, legend, structure of vegetation, tundra, forest-tundra, mires, Murmansk province, Kola Peninsula*