

## Annotations, keywords

© *Alekseeva L.V.* Complex approach to the organization protection works safety, fire and environmental safety in NArFU

The article presents the basic activities of coordinating authority of security in N(A)RFU , its goals, objectives and composition, functions and activities carried out by them. Integrated security system of the University aims to meet the challenges of preserving life and health of students and workers, as well as the wealth of possible accidents, fires, accidents and other emergencies.

**Keywords:** *university, complex security, fire safety, labor safety.*

© *Astakhov I.S.* Power and Indigenous Minorities of the North: the experience of interaction on example of the Republic of Sakha (Yakutia)

In the article examines the work of regional authorities dealing with Northern indigenous peoples, and provides an assessment of their activities in interaction with individual representatives, as well as with public organizations of indigenous peoples of the North. Based on the analysis of legal sources and materials of current archives of state authorities examined the mechanisms of interaction between authorities and society to protect the rights of indigenous peoples as an example of Sakha (Yakutia).

**Keywords:** *indigenous peoples of North, Yakutia, regional policy, cooperation mechanisms.*

© *Barachevsky J.E, Yuriev J.J.* Medical and tactical characteristics of predicted emergencies in the Arkhangelsk region

The questions of medical and tactical characteristics of the projected emergency (disaster), the analysis of industrial accidents and disasters in the Arkhangelsk region in the last 10 years, as well as the tactics of health personnel (HP) in the centers of catastrophes and natural disasters, because Arkhangelsk region is a territory of the potential of technological and social risks.

**Keywords:** *emergencies, disaster medicine, technological accidents, disasters, Arkhangelsk region.*

© *Bakhmetev V.E, Pus V.V.* Organization of voluntary fire brigade in the municipalities of the Arkhangelsk region

The problems of fighting fires and conducting rescue operations, providing primary fire safety measures in the settlements, the voluntary fire department in the municipalities of the Arkhangelsk region.

**Keywords:** *fire-fighting and rescue operations, fire safety, voluntary fire brigade.*

© *Busin M.V.* Creation and development of unified anticrisis management system security in the region

Reveals the main activities of EMERCOM of Russia in the Arkhangelsk region, presents statistical data on accidents and emergencies. Defined complex of basic events and trends of unified security management system crisis in the region needed to provide protection of the population and territories from natural and technological factors.

**Keywords:** *emergency, disaster, flooding, accidents, fire, explosion, safety management, notification and communication, and monitoring.*

© *Vasilyeva N.D.* Formation of social and cultural space of the Arctic in the context of intercivilizational interaction (for example of Yakutia)

The article deals with the process of formation of a common holistic socio-cultural space of the Arctic region of Yakutia. On the basis of published and unpublished sources, shows the changes in ethnic composition, economic differentiation natural and landscape environment, the emergence of new economic and cultural systems. Particular attention is paid to the interaction between civilizations in the spiritual culture of the peoples of the region.

**Keywords:** *traditional culture, intercivilizational interaction, Arctic indigenous peoples.*

© *Busin M.V., Varfolomeev Y.A. Markov Y.V., Popov A.N.* Influence of flooding on the condition building projects in Arkhangelsk

Investigated flooding of urban areas during the ice drift of Arkhangelsk in 2010. Quantifies indicators of water level, velocity and other characteristics of the Northern Dvina River in this period. Flood protection events are developed to prevent damage to buildings in the event of flooding, and given a qualitative assessment of their effectiveness. The effect of flooding on the state of building constructions.

**Keywords:** *flooding, flood events, ice drift.*

© *Vinokurov D.M.* On the singularities of migration in industrialization: the time dimension (according to sociological research)

The comparison of activity levels in the migration processes of men and women in the industrialization on the basis of primary sociological data collected in 2010 in Mirny (Republic of Sakha (Yakutia)).

**Keywords:** *industrialization, the causes of migration, gender, level of activity in the migration processes, the region.*

© *Erokhin O.G.* Prospects of using open model of innovation in the Arctic  
To accelerate the development scientific and technological capabilities in the Arctic allows using of open model of innovation, based on broad international cooperation and the active use of foreign intellectual resources. To successfully solve the problems of modernization of industry and infrastructure in the polar regions may be useful to expand cooperation with international innovation intermediary companies, which provide assistance to other companies in acquiring and implementing new technologies and begin to create a mediation business structure in Russia.

**Keywords:** *Arctic, open innovation, innovation intermediaries.*

© *Ignatiev A.L.* Peculiarities of organization of firefighting in low temperature conditions  
In this paper proposed organizational and technical measures that increase the combat readiness of the fire units at low temperatures. Applying new technologies for heating fire equipment.

**Keywords:** *low temperature, multi-car fire, a pressure-hose line, the water vapor.*

© *Kozmenko S.Y.* Regional presence of Russia in the Arctic: geopolitical and economic trends  
A conflict of civilizations is a basic characteristic of geopolitical and geoeconomic structure of the modern world. Oceans and marine resources play an ever-increasing role in the economic and po-

litical life of Russia, but in general the tendency to expand the conflict space is evidently. Struggle for the control over resources, first of all hydrocarbons, is gradually moved to the Arctic. This also explains the need to strengthen the regional presence of Russia in the Arctic.

**Keywords:** *marine and continental civilization, national maritime policy, geopolitical structure of the modern world, marine communications.*

© *Konstantinov A.S.* Transformation of the educational and professional potential of state and municipal authorities in the management of the northern region. This article is a continuation of the author's research in the field of management training in the field of local governance and municipal governance in the higher education system. It addresses some issues of transformation of the educational and professional capacity of state and municipal government and administration in the northern region in the past and present. Proposed by the author's opinion on the status of contemporary Russian municipal official.

**Keywords:** *bodies of state and municipal authorities, educational and professional potential, state and municipal officials, the status of a modern municipal official.*

© *Harlampeva N.K., Lagutin, M.L.* Transnational management model of the Arctic in the XXI century

Arctic regions, considering its uniqueness, it is necessary to consider as world experimental base for introduction of new model of management - transnational/worldpolitical. The world community offers two initiatives in this direction: EU initiative – «management of Arctic regions» (model A8 +) and the Russian initiative – «the Arctic management» (model A5). The transnational model of management is directed on the coordination of interests of the majority of participants of global processes (both state, and not state), the providing prevention of possible structural disorders and the decision of existing problems. It is obviously possible to speak about formation new the world-political management models – «the state – business – a civil society». Authors predict «a century of the Arctic Russia», transformation of Arctic regions into independent political unit, and Russia, as the owner of its considerable territory, in the country-initiator of «the global historical project».

**Keywords:** *the transnational environment of world politics, management of Arctic regions, the Arctic management, Arctic transnational/worldpolitical model.*

© *Luzganov A.A.* Arrangement of ice crossings under Extreme North conditions. The paper shows the complexity of the arrangement of ice crossings as traffic and pedestrian, safety precautions when using ice crossings and the definition of capacity crossing.

**Keywords:** *ice crossing, carrying capacity, ice and water.*

© *Lukin Y.F.*, professor, director IMAr NArFU, the editor-in-chief of magazine «Arctic and North». The report on carrying out of the Solovetsky forum on a subject «Geopolitics of Arctic regions» is presented.

**Keywords:** *Solovetsky forum, geopolitics, Arctic, North.*

© *Mazur Y.O.* Using of special types of vehicles in roadless areas of the Far North. A brief description of the problem of lack of roads in the northern territories of Russia and dangerous situations related to this. As well the advantages and disadvantages of existing vehicles are considered. In more detail the rotary-screw propeller and ways to use it.  
**Keywords:** *road, rotary-screw propeller, the Far North.*

© *Makowski M.V.* Participation of units of EMERCOM of Russia in anti-terrorist activities. Reflecting the need interaction between regional offices Federal Security Service, the Interior Ministry with units of EMERCOM of Russia to effectively combat terrorism according to plan collaborative activities prevent terrorist acts on the territory of the Russian Federation. Particular attention should be paid to dangerous industrial objects and sites with a massive crowd of people. The necessity of creation on the territory of the Russian Federation of permanent headquarters for the anti-terrorist activities.  
**Keywords:** *national security, terrorism and of counterterrorism activities.*

© *Poval L.M.* International and legal problems of section of economic areas in the Arctic. This article examines the historical and legal approach to defining the economic boundaries of the various countries of the Arctic region, including Russia.  
**Keywords:** *Arctic, the contract, the continental shelf, conventions, the territorial sea, exclusive economic zone, the Lomonosov Ridge.*

© *Portsel A.K.* Dispute on Spitsbergen: the point does not set. Dispute on Spitsbergen has a long history. It can be divided into a number of questions, each of which has consistently come to the fore different historical periods. Severe economic and political contradictions between Norway and the rest of the Treaty of Paris exist objectively as the «Spitsbergen square» and on the archipelago. Signing of Russian-Norwegian Agreement on Maritime Delimitation and cooperation in the Barents Sea and Arctic Ocean (2010), not eliminate them.  
**Key words:** *Spitsbergen, the international legal status of the archipelago, the history of discovery and exploration of the archipelago.*