

X INTERNATIONAL FORUM

ARCTIC: TODAY AND THE FUTURE



St. Peterburg
December 10-12, 2020
forumarctic.com

PROGRAMME OF THE FORUM

GENERAL PARTNER



NORNICKEL



STRUCTURE OF THE PROGRAM

FIRST DAY. December 10, 2020

10:00 11:30	PLENARY SESSION – HALL 3 Priorities of state policy in the Arctic Zone of Russia		
11:30 – 12:00 Viewing the exhibition			
12:00 – 13:45	CONFERENCE – HALL 4	PANEL SESSION – HALL 9	WORKING SESSION – HALL 10
	Northern Sea Route. Part 1. Navigation development and creation of an integrated infrastructure	Soul of the North: sustainable development of Arctic indigenous peoples	Providing the Arctic with professional staff
	PANEL SESSION – HALL 8		PANEL SESSION – HALL 7
	Fundamental and Applied Research in the Development of the Russian Arctic zone		Elimination of accumulated environmental damage in the Arctic zone of the Russian Federation as a priority task of the state policy
13:45 – 14:15 Break			
14:15 – 16:00	CONFERENCE – HALL 4		PANEL SESSION – HALL 7
	Northern Sea Route. Part 2. Ensuring maritime safety and navigation system development		Formation and development of a new system to support entrepreneurship and investment projects in the Arctic
	WORKING SESSION – HALL 7	PANEL SESSION – HALL 8	WORKING SESSION – HALL 10
	Digital economy in the Arctic: myth or reality?	International cooperation in the Arctic in terms of national strategies	Development of the Arctic energy complex: on the way to self-sufficiency
16:00 – 16:30 Break			
16:30 – 18:00	PANEL SESSION – HALL 4		PANEL SESSION – HALL 8
	Shipbuilding for the Arctic needs: fleet renewal and new technologies		Development of communication system and telecommunication infrastructure in the Arctic
	ROUND TABLE – HALL 9		PANEL SESSION – HALL 7
	Creation and integration: Arctic cultural, tourism, social and educational projects		Climate impact and formation of permafrost monitoring system



STRUCTURE OF THE PROGRAM

SECOND DAY. December 11, 2020

11:00 13:00	PLENARY SESSION – HALL 3 Regions as key participants in the development of the Arctic zone of Russia			
13:00 – 13:30 Break				
13:30 – 15:00	WORKING SESSION — HALL 9 Transport accessibility in the Arctic region: land infrastructure, inland water transport and vehicles for the Arctic Zone of the Russian Federation	PANEL SESSION — HALL 7 Arctic oil and gas complex. Ways of overcoming the growth constraints	ROUND TABLE — HALL H23 Arctic municipalities as a systemic element of the Arctic zone development	
	WORKING SESSION — HALL 10 Biodiversity conservation and development of Specially Protected Natural Areas of the Arctic Zone of Russia	WORKING SESSION — HALL 8 Arctic tourism: high potential and new opportunities	PANEL SESSION — HALL 4 Arctic Security Architecture	
	SPECIAL EVENT — HALL H23 Meeting of the Regional Coordinators Committee. Part 1			
	15:00 – 15:30 Break			
	15:30 – 17:00	SPECIAL EVENT — HALL H23 Meeting of the Regional Coordinators Committee. Part 2		
WORKING SESSION — HALL 4 Extractive industry of the Arctic zone of the Russian Federation: what kind of system support does the system-forming enterprise need?		WORKING SESSION — HALL 10 New technological horizons: development of unmanned and robotic technologies for the Arctic		
WORKING SESSION — HALL H23 Program-targeted approach in the implementation of measures to develop the health care system, science and technology for the benefit of Arctic exploration		WORKING SESSION — HALL 7 Construction and operation of buildings and structures in the Arctic zone of Russia: improvement of legislation and modern technological solutions		

PARTNERS OF THE FORUM

GENERAL PARTNER



PARTNER OF THE FORUM



GENERAL INFORMATION PARTNERS



PARTNER SECTION





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FIRST DAY

Priorities of state policy in the Arctic Zone of Russia

First day
10:00^{am} – 12:00^{am}
HALL 3

PLENARY SESSION

The last decade for the Arctic zone of the Russian Federation is a time of key decisions, implementation of large-scale infrastructure and mining projects, attracting investment, growth of the Northern Sea Route role, as well as significant reorientation of public policy to the social sphere, that defines the special role of the Arctic, both at the legislative level and in the framework of government regulation.

By 2020, a strategic framework for the development of the Arctic zone of Russia was formulated. The coordinating government body, the State Commission for Arctic Development, has been established. Projects of industrial development of natural resources have been launched and are being successfully implemented; transport and social infrastructure is being developed. The Ministry for Development of the Russian Far East and Arctic, a specialized federal agency that implements state development programs in the Arctic, has been established. The Fundamentals of the state policy in the Russian Federation for the period up to 2035 have been adopted; the Strategy of the Arctic zone development up to 2035 has been developed.

The future of the Arctic zone of Russia depends on the realization of the following tasks:

- implementation of established mechanisms for attracting investments and supporting Arctic projects;
- improving the efficiency of social policy and creating comfortable living conditions in the Arctic zone of Russia;
- increasing the role of Russian regions in the integrated development of the Arctic region;
- Integrated development of infrastructure: transport, energy, etc., as well as the Northern Sea Route as a national transport main line, provided with an appropriate cargo base.


KEY ISSUES:

- ◆ Development strategy of the Arctic zone of the Russian Federation until 2035
- ◆ Legislation in the field of business support and investment activities in the Arctic zone of the Russian Federation
- ◆ Priorities for the Arctic national projects
- ◆ Main issues of the Arctic scientific studies
- ◆ Creating conditions for improving living standards of the Arctic population

MODERATOR:

 **Slipenchuk M.V.**, Member of the ASPOL Council

WELCOME SPEECH:

 **Chilingarov A.N.**, Special Representative of the President of Russia for International Cooperation in the Arctic and Antarctic, President of the ASPOL Association of Polar Explorers



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INVITED TO PARTICIPATE:

-  **Ananskikh I.A.**, Deputy Chairman of the State Duma of the Federal Assembly of the Russian Federation
-  **Batanov E.V.**, Vice-Governor of Saint-Petersburg
-  **Besprozvannykh A.S.**, Deputy Minister of Industry and Trade of the Russian Federation
-  **Grachev A.M.**, Vice-President for Federal and Regional Programs, MMC Norilsk Nickel
-  **Gvishiani A.D.**, Academician of RAS, Chairman of Arctic and Antarctic Research Council of RAS
-  **Kharitonov N.M.**, Chairman of the State Duma Committee on Regional Policy and Problems of the North and the Far East
-  **Krutikov A. V.**, First Deputy Minister of the Russian Federation for the Development of the Far East and the Arctic
-  **Panov V.A.**, Deputy Chairman of the State Commission for Arctic Development, Special Representative of the ROSATOM State Corporation on Arctic Development
-  **Shumakov I.A.**, Head of the Federal Service for Hydrometeorology and Environmental Monitoring
-  **Vermishyan G. A.**, Chairman of the Digitalization Commission of ASPOL, General Director of MegaFon, PJSC

CONFERENCE “Northern Sea Route” Part 1. Navigation development and creation of an integrated infrastructure

First day
12:30^{pm} – 02:45^{pm}
HALL 4






KEY ISSUES:

- ◆ What are the real prospects for increasing the cargo traffic at the NSR?
- ◆ How can the NSR become a global and competitive international transport corridor?
- ◆ What infrastructure projects are necessary for the development of the NSR?
- ◆ How to attract financing for NSR projects?
- ◆ Strengthening the international cooperation for the development of navigation in the Arctic basin
- ◆ Connection of Arctic territories with seaports
- ◆ Prospects for using new environmentally friendly fuels for the Arctic navigation

MODERATOR:

-  Malysheva N.Yu., Editor-in-Chief, PortNews IAA

INVITED TO PARTICIPATE:

-  **Afonin A.B.**, Dean of the Arctic Department of the S.O. Makarov State University of Sea and River Fleet
-  **Bersenev A.I.**, General Director, Crystal Alliance, Ltd
-  **Chekin E. A.**, Chairman of the Government of the Kamchatka Territory
-  **Dolgov K.K.**, Deputy Chairman of the Federation Council Committee on Economic Policy of the RF Federal Assembly
-  **Gehaev M.R.**, Vice-President of the Far East Development Fund









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-  **Kharitonov N.M.**, Chairman of the State Duma Committee on Regional Policy and Problems of the North and the Far East
-  **Kulinko M.V.**, Deputy Director of the Northern Sea Route Directorate of Rosatom State Corporation
-  **Kuznetsova O.A.**, Deputy Governor of the Murmansk region
-  **Novikov N.V.**, Representative of the Omsk Region to the Government of the Russian Federation
-  **Sharkov I.I.**, Director of the Vladivostok Branch of FESCO
-  **Ushakov D.V.**, Deputy Head of the Federal Agency for Maritime and River Transport

Elimination of accumulated environmental damage in the Arctic zone of the Russian Federation as a priority task of the state policy



First day
12:30^{pm} – 02:45^{pm}
HALL 7

PANEL SESSION





KEY ISSUES:

-  Prospects for implementing the Clean Country project in the Russian Arctic Zone and expanding the list of Arctic projects.
-  The problem of hazardous waste disposal in the Arctic zone of Russia
-  Updating environmental legislation in the area of elimination of accumulated environmental damage in the Arctic Zone
-  Measures of economic incentives for liquidation of objects of accumulated environmental damage
-  Responsibility of subsurface users for reclamation of mining waste disposal areas
-  Formation of an effective system of waste management and recycling in the Arctic: specifics and solutions
-  Elimination of accumulated environmental damage from industrial and military activities in the Arctic. Experience of attracting volunteers

MODERATOR:

-  **Neverov I.A.**, Chairman of the Committee for Nature Management and Ecology of Business Russia
-  **Pushkarev V.A.**, Deputy Chairman of the State Duma Committee on Regional Policy and Problems of North and Far East

INVITED TO PARTICIPATE:

-  **Afanasyev S.M.**, Minister of Ecology, Nature Management and Forestry of the Sakha (Yakutia) Republic
-  **Babkova-Esterkina O.S.**, Commercial Director of ECOSERVIS-NEFTEGAZ
-  **Korobkova E.A.**, Head of the Department of Organization of Execution of Punishments Not Connected with Isolation from Society of the Federal Penitentiary Service of Russia
-  **Kramorenko A.V.**, Head of the Department of the Research Institute of Rescue and Underwater Technology of the Naval Academy n.a. M.V. Lomonosov. Kuznetsov Naval Academy








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-  **Kulikov I.V.**, Director of State Regional Centre of Standardization, Metrology and Testing in Murmansk Region, Federal Budget Agency (Murmansk CSM, FBA)
-  **Pavlov A.N.**, First Deputy Minister of Natural Resources and Environment of the Republic of Karelia
-  **Polshvedkin R.V.**, Minister of Natural Resources and Environmental Protection of Komi republic
-  **Shevchuk A.V.**, Deputy Chairman, Head of the Department of Problems of Nature Management and Ecology of Council for the Study of the Natural Productive Forces, Russian Foreign Trade Academy of the Ministry of economic development of the Russian Federation
-  **Soliakov O.V.**, Lecturer of the Department of Arctic Development of the Ministry of the Russian Federation for the Development of the Far East and the Arctic

Fundamental and Applied Research in the development of the Russian Arctic zone


First day
12:30^{pm} – 02:45^{pm}
HALL 8

PANEL SESSION

KEY ISSUES:

- ◆ Priorities for research activities in the Arctic
- ◆ Development of material and technical support for the Arctic research
- ◆ Supporting research on Arctic issues
- ◆ Scientific research as the basis for the development of Arctic industrial development projects
- ◆ Applied research and innovation in Arctic science
- ◆ International scientific and educational projects aimed at Arctic exploration
- ◆ Expeditionary activity development
- ◆ Cooperation on recommendations in the field of climate change and its consequences
- ◆ Consolidation of research communities resources in the Arctic countries

MODERATOR:

-  **Pilyasov A.N.**, General Director of ANO Institute of Regional Consulting, Professor of Lomonosov Moscow State University

INVITED TO PARTICIPATE:

-  **Kravtsov Y.N.**, Deputy Permanent Representative of the Republic of Sakha (Yakutia) to the President of the Russian Federation
-  **Kullerud L.**, President of the University of the Arctic (UArctic)
-  **Leoniev D.V.**, Vice-Rector on Science and Development of Russian State Hydrometeorological University (RSHU)
-  **Makarov A.S.**, Director of Arctic and Antarctic Research Institute (AARI), FSBU
-  **Pashali A.A.**, Director of the Department for Scientific and Technical Development and Innovation of Rosneft, PJSC






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-  **Ryabchenko S.V.**, Deputy Vice-Rector for Scientific and Innovative Development of Lomonosov Northern Federal University
-  **Vilitok A.V.**, Advisor to the Rectorate of the Russian University of Transport (MIIT)
-  **Zaostrovskaya Y.V.**, Head of the International Cooperation Department of the Makarov State University of the Sea and River Fleet

Soul of the North: sustainable development of Arctic indigenous peoples


First day
12:30^{pm} – 02:45^{pm}
HALL 9

PANEL SESSION







KEY ISSUES:

-  Improving legislation on guarantees of the rights of indigenous peoples of the Russian Federation
-  Participation of indigenous peoples in issues that affect their rights and interests
-  Preservation of the native habitat and development of land and economic institutions of small indigenous minorities
-  Culture and ethnosaving forms of education of small indigenous minorities of the Russian Federation
-  Effectiveness of state support in relation to persons who leads a traditional way of life and conducts traditional economic activities
-  Public-private partnership in social and economic development of indigenous peoples of the Russian Federation




MODERATOR:

-  **Tymoshkov S.N.**, Advisor to the Head of the Federal Agency for Ethnic Affairs

INVITED TO PARTICIPATE:

-  **Bogdanova E.N.**, Associate Professor and Researcher, Lomonosov Northern Federal University
-  **Gabyшева F.V.**, Chairman of the Standing Committee of the State Assembly (Il Tumen) of the Sakha (Yakutia) Republic on Science, Education, Culture, Mass Media and Public Organization Affairs
-  **Kabaloev K.K.**, Chairman of the Regional Branch of the ASPOL Association of Polar Explorers in the Nenets Autonomous District
-  **Larichev I.L.**, Deputy Director of the Department of Federal and Regional Programs of MMC Norilsk Nickel, PJSC
-  **Rudchenko V.V.**, Member of the State Duma Committee on Regional Policy and Issues of the North and Far East
-  **Sleptsov A.N.**, Member of the presidium of the Yakut regional branch of the Association of Russian Polar Explorers, a delegate from Yakutia at the Conference of the Association of Russian Polar Explorers, Head of the Department of Arctic Law and Law of the Asia-Pacific Region, Faculty of Law, Ammosov North-Eastern Federal University (NEFU)



-  **Tsybikov T.G.**, Head of the Department on Strengthening National Unity and Prevention of Extremism on National and Religious Grounds of the Federal Agency for Ethnic Affairs
-  **Veysalova N.G.**, First Vice-President of the Association of Indigenous Peoples of the North, Siberia and the Far East
-  **Yefimov I.P.**, Deputy Director General for Arctic Affairs of the Agency for Development of Human Capital in the Far East and the Arctic

Providing the Arctic with professional staff

First day
12:30^{pm} – 02:45^{pm}
HALL 10

WORKING SESSION


KEY ISSUES:

- ◆ Development of human resources potential as an important element in implementing the Basic Principles of State Policy in the Russian Federation for the period until 2035
- ◆ Stimulating internal labor migration and reducing the outflow of qualified personnel from the Arctic Zone
- ◆ Targeted training for effective distribution of graduates in priority areas of work in the Arctic
- ◆ Personnel programs for the key Arctic zone enterprises: cooperation between enterprises, universities and authorities

MODERATOR:

-  **Efremova V.V.**, Rector of Tyumen Industrial University

INVITED TO PARTICIPATE:

-  **Alimov A.A.**, Associate Professor of the Department of World Policy of the Faculty of International Relations of St. Petersburg State University
-  **Bugaenko O.D.**, Head of Academic Development Department, Northern Federal University
-  **Brazovskaya Ya.E.**, Assistant to the Rector for Arctic Affairs of Russian State Hydrometeorological University
-  **Danilov Yu.G.**, Vice-Rector for Science and Innovation of North-Eastern Federal University named after M. K. Ammosov
-  **Derkach S.R.**, Acting Rector of Murmansk State Technical University
-  **Gorbunov A.A.**, Deputy Head for Educational Work of Saint-Petersburg University of the State Fire Fighting Service of EMERCOM
-  **Ivanov E.N.**, Head of the State Labor Supervision Department of the Federal Service for Labor and Employment (Rostrud)
-  **Karmazina R.V.**, Member of the State Duma Committee for Control and Regulation
-  **Nalbandyan E.G.**, Head of Career Center of Tyumen Industrial University






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-  **Neumyvakin V.S.**, Director of the Department of State Policy in the Sphere of Vocational Secondary Education and Vocational Training of the Ministry of Education of Russia
-  **Sokolov V.N.**, Director of the Institute "Marine Academy" of the State University of Maritime and River Fleet named after Admiral S.O. Makarov
-  **Yefimov I.P.**, Deputy Director General for the Development of Human Capital in the Far East of the Agency for Arctic Affairs

CONFERENCE “Northern Sea Route” Part 2. Ensuring maritime safety; navigation system development

First day
02:45^{pm} – 04:30^{pm}
HALL 4









KEY ISSUES:

- ◆ What are the real prospects for increasing cargo traffic on the NSR?
- ◆ How can the NSR become a global and competitive international transport corridor?
- ◆ What infrastructure projects are necessary for the development of the NSR?
- ◆ How to attract financing for projects on the NSR?
- ◆ International cooperation for the Arctic basin shipping development
- ◆ Providing the Arctic territories connection with the sea ports
- ◆ Prospects of using new environmentally friendly fuels for shipping in the Arctic

MODERATOR:

-  **Malysheva N.Yu.**, Editor-in-Chief, PortNews IAA

INVITED TO PARTICIPATE:

-  **Anufriev I.E.**, Deputy Director General for Strategic Development of Aviation and Marine Electronics Research and Production Enterprise (RPE AME, JSC)
-  **Belousov B.D.**, Commercial Director, Natiz
-  **Gladkov D.B.**, Acting Head of the Department of North-West Department of State Marine and River Supervision of the Federal Service for Supervision of Transport
-  **Golovinsky S.A.**, Deputy General Director for Enterprise Development - Head of representative office in Moscow FSUE Atomflot
-  **Khaustov A.V.**, Acting Head of Morspassluzhba, FGBU
-  **Kuznetsov O.B.**, Head of the Division for Development of Centers and Control Points of the Department of Operational Management of the EMERCOM
-  **Shabalin N.V.**, Executive Director, Center for Marine Research, Lomonosov Moscow State University
-  **Smyaglikova E. A.**, Vice-Rector for Branch Work and International Activities of S. O. Makarov State University of Sea and River Fleet



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- Soloshchuk P.V.**, Chief Specialist of the Sector of the Center for Ice and Hydrometeorological Information of the Arctic and Antarctic Research Institute of the University of Sea and River Fleet named after Admiral S. O. Makarov
- Ushakov D.V.**, Deputy Head of the Federal Agency of Maritime and River Transport

Formation and development of a new system to support entrepreneurship and investment projects in the Arctic

First day
02:45^{pm} – 04:30^{pm}
HALL 7

PANEL SESSION

KEY ISSUES:

- ◆ Implementation of the Federal Law "On State Support for Entrepreneurial Activities in the Arctic Region of the Russian Federation".
- ◆ Arctic hectare as a mechanism to stimulate business activity in Arctic
- ◆ Creating conditions for doing business and implementing investment projects in the Arctic zone
- ◆ Small and Medium Entrepreneurship Support Programs in the Arctic zone
- ◆ Using the PPP mechanism in Arctic projects
- ◆ Promising Arctic investment projects

MODERATOR:

- Veller A.B.**, Member of the State Duma Committee on Economic Policy, Industry, Innovative Development and Entrepreneurship

INVITED TO PARTICIPATE:

- Zapryagaev N.O.**, Deputy General Director of Far East Development Corporation, JSC
- Budzovich K.A.**, Executive Director of the Banking Support Department at Gazprombank, JSC
- Dudchenko E.V.**, Director of the Consulting Resource Center for Nonprofit Organizations and Small and Medium Businesses of Norilsk city
- Golomareva E. Kh.**, Chairman of the Standing Committee of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia) on Indigenous Peoples' Issues and Arctic Affairs
- Kravchenko D.B.**, Deputy Chairman of the State Duma Committee on Economic Policy, Industry, Innovation, and Entrepreneurship
- Krutikov A. V.**, First Deputy Minister of the Russian Federation for the Development of the Far East and the Arctic
- Kulyan R.A.**, Head of Investment Division, ANO Norilsk Development Agency
- Neverov I.A.**, member of the Coordination Council of Business Russia, All-Russian Public Organization
- Pavlov A.O.**, Deputy Director of the Arctic Development Department of the Ministry for the Development of the Russian Far East and Arctic



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- Pivnenko V.N.**, First Deputy Chairman of the Committee on Regional Policy and Problems of the North and Far East
- Sukhotin I.V.**, Director of Social Policy Department, MMC Norilsk Nickel, PJSC

International cooperation in the Arctic in terms of national strategies

First day
02:45^{pm} – 04:30^{pm}
HALL 8

PANEL SESSION

KEY ISSUES:

- ◆ International projects in the Arctic region
- ◆ Russia's participation in international partnership institutions
- ◆ Cross-border cooperation of Russian Arctic regions with the Arctic countries
- ◆ Arctic agenda of Third Countries
- ◆ International business projects in the Arctic region
- ◆ Cooperation on the Arctic sustainable development
- ◆ Preparation of the Russian chairmanship in the Arctic Council in 2021-2023

MODERATORS:

- Vasilyev A.V.**, Head of the ASPOL Commission for International Cooperation
- Sigurdsson A.T.**, Ambassador Extraordinary and Plenipotentiary of the Republic of Iceland to the Russian Federation

INVITED TO PARTICIPATE:

- Barets P.-B.**, Minister-Counsellor of the Embassy of France in Russia
- Brukhanov M.D.**, Deputy Head of Rossotrudnichestvo
- Calais L.**, Swedish Ambassador for Arctic Affairs
- Khmeleva E.N.**, Director of WWF-Russia conservation programs
- Kirillin G.G.**, Minister for External Relations and People's Affairs of the Sakha (Yakutia) Republic
- Koskela M.**, Minister Plenipotentiary, Deputy Head of the Finnish Mission in Russia
- LeClaire A.**, Ambassador Extraordinary and Plenipotentiary of Canada to the Russian Federation
- Premjith S.**, Ambassador Extraordinary and Plenipotentiary of Singapore to the Russian Federation
- Venkatesh Varma D.B.**, Ambassador Extraordinary and Plenipotentiary of India to the Russian Federation



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Digital economy in the Arctic: myth or reality?

First day
02:45^{pm} – 04:30^{pm}
HALL 9

WORKING SESSION

KEY ISSUES:

- ◆ How are digital technologies being implemented in the Arctic and what can they give to the local residents?
- ◆ What support measures are needed to develop the digital economy of the Arctic Zone?
- ◆ Industry 4.0 in the Arctic: what are the prospects for the introduction of digital technologies in the activities of industrial enterprises?
- ◆ Information and communication support for the development of digital economy in the Russian Arctic

MODERATOR:

Zvorykina Yu.V., Deputy Director of ANO Institute of Vnesheconombank

INVITED TO PARTICIPATE:

- Albychev K.S.**, Director of the Department of Information Technology and Communications of the Yamalo-Nenets Autonomous District
- Alferova Yu.S.**, Director of the Center of Competence "Digital business transformation" of the Digital Economy Development Foundation
- Antonenko A.**, Business Development Director, Orange Business Services
- Danilova E.G.**, Deputy Head of the Department for Coordination of Creation of System-112 of the Department of Information Technologies and Communications of the Ministry of Emergency Situations of Russia
- Dolgov K.K.**, Deputy Chairman of the Federation Council Committee on Economic Policy
- Fedulov V.V.**, Deputy Minister of Economic Development of the Russian Federation
- Gritsenko A.A.**, General Director of Severnaya Korona Information Space Center
- Gudkov V.A.**, Deputy Director of the Residence Policy Department of Corporation for the Development of the Far East
- Isaev M.V.**, Development Director of Edinstvo, LLC
- Mastin M.S.**, Project Manager, ITMO High Park
- Mukhin A.Y.**, Deputy Head of the International Cooperation, Information Policy and Special Projects Department of Federal Service for State Registration, Cadastre and Cartography (Rosreestr)
- Pestryakov A.A.**, chairman of Norilsk City Council of Deputies
- Shtykov A. S.**, Head of the Karelian Data Center Project, Petrozavodsk State University
- Sorokin D.V.**, Director of the Department of Information Support and Digital Transformation of the Fuel and Energy Complex of the Ministry of Energy of the Russian Federation
- Vershimyan G.A.**, CEO of MegaFon, PJSC
- Zimin M.N.**, Deputy General Director of ScanEx Group



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Development of the Arctic energy complex: on the way to self-sufficiency

First day
02:45^{pm} – 04:30^{pm}
HALL 10

PANEL SESSION

KEY ISSUES:

- ◆ State policy in the sphere of energy supply to the Arctic zone of the Russian Federation
- ◆ Distributed Energy: how to provide isolated areas with energy?
- ◆ Decarbonization: opportunities of using renewable energy sources in the Russian Arctic zone
- ◆ New ways to generate and store energy in the Arctic
- ◆ Reliability of Arctic energy supply: monitoring and control systems
- ◆ Attracting investments in power supply projects for remote areas
- ◆ Digital transformation of the energy complex

MODERATOR:

- 🗣️ **Solyakov O.V.**, Assistant of the Arctic Development Department, Ministry of the Russian Federation for the Development of the Far East and the Arctic

INVITED TO PARTICIPATE:

- 🗣️ **Afanasov Ya.V.**, Leading Design Engineer of Kaluga Engine (KADVI, PJSC)
- 🗣️ **Afanasyev E.E.**, Minister of Industry, Energy, Housing and Communal Services of Krasnoyarsk region
- 🗣️ **Aptekarev V.V.**, Director for Shipbuilding , economic security and anti-corruption of Atomenergomash, JSC
- 🗣️ **Bochkarev V.V.**, Acting Head of the Department of Industrial Policy of Chukotka Autonomous Okrug
- 🗣️ **Bolshev A.S.**, Professor, Higher School of Hydraulic and Power Engineering, St. Petersburg Polytechnic University Peter the Great
- 🗣️ **Esyakov S.Ya.**, First Deputy Chairman of the State Duma Committee on Energy
- 🗣️ **Kirillov A.G.**, Director of Russian Arctic National Park, FSBI
- 🗣️ **Kurchatov A.V.**, General Director of Generatsiya, Ltd
- 🗣️ **Rokhmanko S.E.**, expert on gas turbine power plants of Energy trade house
- 🗣️ **Smirnov A.V.**, Deputy Director of PENPROK, LLC
- 🗣️ **Solomonova V.N.**, associate professor of the IT management department of the Russian State Hydrometeorological University
- 🗣️ **Vasilyev Yu.V.**, Executive Director, Institute of Arctic Technologies, MIPT



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Shipbuilding for the Arctic needs: fleet renewal and new technologies

First day
05:00^{pm} – 06:30^{pm}
HALL 4

WORKING SESSION

KEY ISSUES:

- ◆ Legal regulation and state support of shipbuilding development for AZRF
- ◆ What fleet is needed for the implementation of Arctic projects and who will build it?
- ◆ Development prospects of domestic shipbuilding for the Arctic
- ◆ How can the investments be attracted in the shipbuilding industry?

MODERATOR:

Voitsekhovskaya Ya. A., Correspondent of Business and Finance Department of Kommersant newspaper in St. Petersburg

INVITED TO PARTICIPATE:

- Buyanov S.I.**, General Director of Central Research Institute of the Marine Fleet
- Gorelov I.I.**, Chairman of Fleet Support Movement
- Knyazevsky K.Y.**, Deputy Director General for Fleet Construction - Head of Atomflot's Representative Office in St. Petersburg
- Leader V.A.**, General Director of Ushakovskie Verfi, LLC
- Noskov V.V.**, Head of the Quality Control and Pilot Project Department of Corall CDB, JSC
- Savvin A.A.**, General Director, Sakha (Yakutia) Development Corporation, JSC
- Strugov V.I.**, Deputy General Director for Fleet of Rosmorport, FSUE
- Vlasov O.G.**, Chief Engineer of Malakhit Marine Engineering Bureau, JSC

Climate impact and formation of permafrost monitoring system

First day
05:00^{pm} – 06:30^{pm}
HALL 7

WORKING SESSION

KEY ISSUES:

- ◆ Impact of Arctic climate change on human economic activity in the region
- ◆ International cooperation on climate change
- ◆ Cryolithozone degradation. Creation of a national network for monitoring permafrost condition
- ◆ Legal basis of the state policy in the field of permafrost protection



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MODERATOR:

- Zvorykina Yu.V.**, Deputy Director of ANO Institute of Vnesheconombank
- Ostarkov N.A.**, leading analyst of ANO Vostokgosplan

INVITED TO PARTICIPATE:

- Anisimov O.A.**, Head of Climate Change Research Department of State Hydrological Institute, FSBI
- Drozhdov V.V.**, Head of the department of Russian State Hydrometeorological University
- Korotkov S.V.**, Director, UNIDO Centre for International Industrial Cooperation in Russia
- Koshurnikov A.V.**, General Director of MSU Geophysics
- Mutovin S.I.**, Chief Researcher of Research Institute of the Federal Penitentiary Service of Russia
- Petukhova J.G.**, Director of the Arctic Permafrost Research Center

Development of communication system and telecommunication infrastructure in the Arctic

First day
05:00^{pm} – 06:30^{pm}
HALL 8

PANEL SESSION

KEY ISSUES:

- ◆ How does the communication system in the Russian Arctic develop?
- ◆ Prospects for full provision of access throughout the Arctic region
- ◆ Creation of a space constellation to provide communications in the Arctic zone
- ◆ Fiber optic line development in the Arctic
- ◆ Development of cellular communication in the region and prospects for 5G in the Arctic
- ◆ What kind of telecommunication equipment is necessary for operation in the Arctic conditions?
- ◆ Departmental and industrial solutions for project communications in the Arctic

MODERATOR:

- Lukin K.I.**, Director of Supertel DALs Scientific and Technical Center for High Bit-Rate Transmission Systems, JSC (Supertel DALs STC HBRTS, JSC)

INVITED TO PARTICIPATE:

- Chuiikov V.B.**, Deputy General Director of Rubin Scientific Research Institute, JSC
- Ermakov A.V.**, Head of the Department of System Research and Educational Activities of St. Petersburg branch of the Central Scientific Research Institute of Communications
- Gritsenko A.A.**, General Director of Severnaya Korona Information Space Center
- Kuzovnikov A.V.**, Deputy General Engineer for the development of space systems, general design and control of spacecraft of Information Satellite Systems Reshetnev, JSC







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-  **Ositis A.P.**, President of the International Telecommunications Academy
-  **Rebrov A.I.**, General Director of Technical Center of Television and Radio Broadcasting of Sakha (Yakutia) republic
-  **Tagaev V.L.**, Director for Infrastructure Development of Edinstvo, LLC
-  **Turgunov K.R.**, Head of the Communications Systems Development Department of the Ministry of Digital Development of the Murmansk Region

Creation and integration: Arctic cultural, tourism, social and educational projects

First day
05:00^{pm} – 06:30^{pm}
HALL 9

ROUND TABLE










KEY ISSUES:

-  Cultural and creative projects for the residents of the Northern Regions
-  Preservation of unique culture and traditions of indigenous peoples
-  Arctic Heritage as a basis for the education of the younger generation and unification of the society
-  Organization of leisure activities for residents of the Arctic regions

MODERATOR:

-  **Galushina R.F.**, Member of the Federation Council Committee on Science, Education and Culture of the Russian Federation

INVITED TO PARTICIPATE:

-  **Brylin A.V.**, Chairman of the Interregional Cold Swimming Association of Russia, President of the Amur Regional Public Organization Aqice-Sport Federation
-  **Chernogradsky V.N.**, Minister for Arctic Affairs and Northern Affairs of the of Sakha (Yakutia) republic
-  **Dvorkin B.G.**, Producer of the Unknown Heroes of the North project
-  **Fomenko A.V.**, Director of ANO Second School, Social Projects Development Center of Pechenga District
-  **Kostyleva N.B.**, Head of the Department for Continuous Education of Indigenous Peoples of the North of the Department of Education and Youth Policy of Khanty-Mansi Autonomous Okrug - Yugra
-  **Kruglikova E.N.**, Coordinator of the Kola Environmental Center
-  **Lukina V.B.**, Chairman of the Arctic Center of Sciences and Arts, Regional Public Organization
-  **Novikov N.V.**, Representative of Omsk region at the Government of the Russian Federation
-  **Tolkacheva V.A.**, Curator of the ARKTICAmetria project
-  **Volvich I.A.**, Director for Cultural and Public Projects of the National Tourist Union



SECOND DAY

Regions as key participants in the development of the Arctic zone of Russia

Second day
11:00^{am} – 01:00^{pm}
HALL 3

PLENARY SESSION









KEY ISSUES:

- ◆ Role of the Arctic regions in implementation and formation of the state policy in the field of development of the Russian Arctic zone
- ◆ Economics of the Arctic regions: prospects and goals
- ◆ Creation and development of social infrastructure in the Arctic territories
- ◆ Features of digital transformation of economy and social sphere in the Arctic regions

MODERATOR:

 **Slipenchuk M.V.**, Member of the ASPOL Council

INVITED TO PARTICIPATE:

-  **Batanov E.V.**, Vice-Governor of St. Petersburg
-  **Bochkarev V.V.**, Acting Deputy Governor - Prime Minister, Head of the Department of Industrial Policy of the Chukotka Autonomous Okrug
-  **Kharitonov N.M.**, Chairman of the State Duma Committee on Regional Policy and Problems of the North and the Far East
-  **Kravchenko D.B.**, Deputy Chairman of the State Duma Committee on Economic Policy, Industry, Innovation, and Entrepreneurship
-  **Kuznetsova O.A.**, Deputy Governor of the Murmansk region
-  **Levit L.V.**, Representative of the Governor of the Arkhangelsk Region for Arctic Development
-  **Nikiforov M.V.**, Deputy Chairman of the Government of the Republic of Sakha (Yakutia)
-  **Shumilova E.B.**, Representative from the Legislative (representative) Body of State Power of the Komi republic in the Federation Council of the Federal Assembly of the Russian Federation



Arctic Security Architecture


Second day
01:30^{pm} – 03:00^{pm}
HALL 4

PANEL SESSION








KEY ISSUES:

- ◆ How can an integrated security system be built in the Arctic?
- ◆ What challenges and threats appear in the Arctic zone?
- ◆ Solutions and technologies for ensuring integrated security in the Arctic

MODERATOR:

 **Karlov G.A.**, Member of the State Duma Committee on Security and Anti-Corruption

INVITED TO PARTICIPATE:

-  **Grishechkin V.V.**, Chief of Staff of the Northern Fleet
-  **Karpenko M.O.**, Deputy Head of the Frontier Department of the Federal Security Service of Russia for the Western Arctic Region
-  **Krasnopolsky V.G.**, Project Coordinator for the oil and gas sector of the Representative Office in the Barents Ecoregion of WWF Russia
-  **Sokolov V.T.**, Head of the High-latitude Arctic Expedition of the Arctic and Antarctic Research Institute
-  **Sulima T.G.**, Deputy Director of the Department of Educational and Scientific-Technical Activity of the Ministry of Emergency Situations of Russia
-  **Tsybikov N.A.**, Leading Researcher of All-Russian Research Institute for Civil Defense and Emergency Situations EMERCOM of Russia
-  **Vorobiev S.I.**, Head of the Department of Formation of Unified Technical Policy and Implementation of Innovative Technologies in Security Activity of the Police Subdivision of the Main Directorate of Non-Departmental Security of the Russian Federal Guard Service

Arctic oil and gas complex. Ways of overcoming the growth constraints

Second day
01:30^{pm} – 03:00^{pm}
HALL 7

PANEL SESSION

KEY ISSUES:

- ◆ Status, strategy and prospects of oil and gas development in the Arctic
- ◆ Innovative technologies and equipment for development of mineral resource potential of Arctic Zone



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- ❖ Priority projects for the development of hydrocarbon deposits in the Arctic
- ❖ Expansion of hydrocarbon production on the Arctic shelf and ways to reduce the costs of oil and gas production in the Arctic.
- ❖ Introduction of a basic system of preferences for encouraging oil and gas companies to develop new fields
- ❖ Liberalization of access to the Arctic shelf as an important condition for field development
- ❖ Improving the efficiency of extractive companies through digitalization
- ❖ Expansion of Arctic oil supply geography

MODERATOR:

 **Gehaev M.R.**, Vice-President of the Far East Development Fund

INVITED TO PARTICIPATE:

-  **Babkova-Esterkina O.S.**, Commercial Director of ECOSERVIS-NEFTEGAZ
-  **Buslaev G.V.**, Project Manager of the Arctic Central Committee of St. Petersburg Mining University
-  **Chernykh A.A.**, Deputy General Director, Head of Department of VNIOkeangeologiya All-Russian Research Institute of Geology and Mineral Resources of the World Ocean named after Academician I. S. Gramberg
-  **Kalashnikov P.K.**, Head of the Strategic Development Department of Gubkin Russian state University of oil and gas
-  **Petukhov A.V.**, Professor of the Department of Development and Operation of Oil and Gas Fields and Underground Hydromechanics of Ukhta State Technical University
-  **Toropov E.E.**, Chief Designer of Rubin Scientific Research Institute, JSC

Arctic tourism: high potential and new opportunities

Second day
01:30^{pm} – 03:00^{pm}
HALL 8

WORKING SESSION

KEY ISSUES:

- ❖ Improvement of legal and regulatory framework of tourism development in the Arctic zone of the Russian Federation.
- ❖ A unified approach to promoting tourism in the Arctic zone of the Russian Federation on the national and international tourism markets
- ❖ Formation of accessible and comfortable tourist environment in the Arctic zone of the Russian Federation.
- ❖ Successful practices of creating and developing tourist routes in the Arctic and reducing the cost of tourist products.
- ❖ Stimulation of investment activity in the Arctic zone of the Russian Federation
- ❖ Interregional and international cooperation in Arctic tourism development



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MODERATORS:

- Agafonov L.S.**, Member of the Public Council at the Ministry for the Development of the Russian Far East and Arctic, managing director of EastRussia

INVITED TO PARTICIPATE:

- Anisimov V.A.**, Acting Minister of Culture of the Arkhangelsk Region
- Bugaev M.A.**, Acting Chairman of the Committee on Tourism of the Murmansk region
- Bykov A.N.**, Deputy Head of the Rescue Service of the Republic of Sakha (Yakutia)
- Frolov S.A.**, President of Pacific Network, LLC
- Khairullin N.R.**, Head of the Department of Youth Policy and Tourism of Yamal Autonomous District
- Kirillov A.G.**, Director of Russian Arctic National Park, FSBI
- Krivososov S.V.**, Deputy Chairman of the State Duma Committee on Physical Culture, Sports, Tourism and Youth Affairs
- Krutikov A. V.**, First Deputy Minister of the Russian Federation for the Development of the Far East and the Arctic
- Lysenkova E.V.**, Head of Department of State Tourism Projects and Tourism Security of the Federal Agency for Tourism
- Mironov M.N.**, Director of ANO Norilsk Development Agency
- Popova L.Y.**, Director of House of Taymyr Folk Art
- Saveliev N.V.**, Member of the Board of Directors, Poseidon Expedition
- Shutov A.L.**, Director of Capital of the Arctic Management, LLC - Far East Development Corporation, JSC
- Zamyatin A.G.**, General Director of Kurort mag, travel agency, LLC

Transport accessibility in the Arctic: development of aviation and communication routes

Second day
01:30^{pm} – 03:00^{pm}
HALL 9

PANEL SESSION

KEY ISSUES:

- ◆ How can transport mobility be created in the Arctic?
- ◆ Development of multimodal passenger and cargo transportation
- ◆ State support for air traffic development in the Arctic
- ◆ Land and inland water infrastructure development prospects
- ◆ Issues of aircraft fleet renewal and creation of innovative vehicles
- ◆ How can the development of Arctic transport infrastructure be correlated with the cargo base?
- ◆ How to connect the Arctic territories with the seaports?
- ◆ Possibilities of PPP (public–private partnership) in the development of Arctic transport system



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MODERATOR:

 **Shatokhin D.A.**, Deputy of the State Council of the Komi republic

INVITED TO PARTICIPATE:




-  **Anoshkin D.S.**, Director for Industrial Logistics and Outsourcing, RZD Logistics, JSC
-  **Blokhin A.N.**, Head of subdivision RUSAK of Nizhny Novgorod State Technical University named after R.E. Alekseev
-  **Borisoglebskaya L.N.**, Vice-rector for Scientific and Project-Innovative Activity of I.S. Turgenev State University
-  **Filippova N.A.**, Associate Professor, Department of Transport Telematics at MADI, Moscow State Automobile and Highway Institute
-  **Gubarev V.N.**, Deputy Chairman of the State Assembly (Il Tumen) of the Sakha (Yakutia) republic
-  **Kapusta A.S.**, Advisor to the General Director of Omsktransmash, JSC
-  **Kosinov L.Y.**, Head of the Department of Transportation Regulation and International Cooperation of the Federal Air Transport Agency
-  **Kotkin S.N.**, Member of the Committee for Regional Policy and Issues of the North and Far East, State Duma of the Federal Assembly of the Russian Federation
-  **Kudryavtsev A.B.**, Deputy Director for Air Traffic Management and Use of Airspace of the North-West branch of the Federal State Unitary Enterprise State Corporation for Internal Affairs
-  **Logacheva Y.L.**, Director General of Krasnoyarsk Airports
-  **Mikheev V.R.**, Head of projects of perspective developments of Russian Helicopters, JSC
-  **Mirzeabasov T. A.**, General Director of ANTER, LLC
-  **Mizinkova Y.I.**, Deputy Minister for Road Facilities, Transport and Communications of the Republic of Karelia
-  **Shepitko T.V.**, Director of the Institute of Track, Construction and Structures at the Russian University Of Transport, MIIT
-  **Shumilova E.B.**, Member of the Federation Council Committee on Regulations and Organization of Parliamentary Activities
-  **Smirnov S.V.**, Director of the Sozvezdie Association

Biodiversity conservation and development of Specially Protected Natural Areas of the Arctic Zone of Russia

Second day
01:30^{pm} – 03:00^{pm}
HALL 10

WORKING SESSION


KEY ISSUES:

-  Reducing negative anthropogenic impact on the Arctic environment
-  Environmental policy of companies operating in the macro-region
-  Increasing the number of Specially Protected Natural Areas (SPNA) on the territory of the Russian Federation



- ◆ Measures for the protection of rare ecosystems and rare Arctic plant and animal species
- ◆ The use of new technologies in the study of Arctic wildlife
- ◆ Formation of infrastructure for the development of eco-tourism in the SPNA of the Arctic Region
- ◆ Activities of the largest Arctic companies aimed at supporting SPNA in the operational area

MODERATOR:

 **Neverov I.A.**, Chairman of the Committee for Nature Management and Ecology of Business Russia

INVITED TO PARTICIPATE:

-  **Afanasyev S.M.**, Minister of Ecology, Nature Management and Forestry of the Sakha (Yakutia) republic
-  **Borisyuk V.N.**, Head of the Department of Specially Protected Natural Territories and Wildlife Monitoring of the Department of Natural Resources Regulation, Forestry Relations, Oil and Gas Complex Development of the Yamalo-Nenets Autonomous Okrug
-  **Burko V.P.**, owner of Coniferous Plants Nursery, Salekhard
-  **Dyachkovsky A.N.**, Director of Ust-Lensky State Nature Reserve
-  **Golomareva E. Kh.**, Chairman of the Standing Committee of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia) on Indigenous Peoples' Issues and Arctic Affairs
-  **Krever V.G.**, Scientific Director of WWF-Russia Biodiversity Conservation Program
-  **Pavlov A.N.**, First Deputy Minister of Natural Resources and Environment of the Republic of Karelia
-  **Polshvedkin R.V.**, Minister of Natural Resources and Environmental Protection of the Komi Republic
-  **Rasulmukhamedov E.A.**, Chairman of the All-Russian Society for the Protection of Nature
-  **Sergienko L.A.**, Professor of Petrozavodsk State University
-  **Solovyova D.V.**, Leading Researcher, Institute of Biological Problems of the North, RAS

Arctic municipalities as a systemic element of the Arctic zone development

Second day
01:30^{pm} – 03:00^{pm}
HALL H23, 2nd floor

ROUND TABLE**KEY ISSUES:**

- ◆ Interaction of authorities for Arctic life quality improvement
- ◆ Programs for socio-economic development of Arctic municipalities
- ◆ Arctic hectare as a mechanism to improve the living standards of the population
- ◆ Business community programs for the development of the operational areas
- ◆ Mechanisms for attracting investment to municipalities
- ◆ Development of social infrastructure in Arctic municipalities
- ◆ Improving the living standards in Arctic communities and supporting vulnerable social groups




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MODERATOR:

-  **Gusev D.V.**, Member of the Federation Council Committee on Federal Structure, Regional Policy, Local Self-Government and Northern Affairs

INVITED TO PARTICIPATE:










-  **Dankin M.A.**, Deputy Director for Regional Development, ANO State Commission for Arctic Development, Information Analysis Centre
-  **Gavrilova G.V.**, First Deputy Head of Taimyr Dolgano-Nenets Municipal District
-  **Gilyarov A.G.**, Head of the Apatity Municipal Entity
-  **Isaev M.V.**, Development Director of Edinstvo, LLC
-  **Kravtsov Y.N.**, Deputy Permanent Representative of the Republic of Sakha (Yakutia) to the President of the Russian Federation
-  **Nikora E. V.**, Head of Murmansk City Administration
-  **Pestryakov A.A.**, Chairman of Norilsk City Council of Deputies
-  **Petrov D.A.**, Head of Administration of the Kemsy District
-  **Skubenko I.V.**, Head of Severodvinsk Municipality
-  **Vasko T.N.**, Director of the Department of Social Protection and Social Services of the Ministry of Labor and Social Protection of the Russian Federation

Meeting of the Regional Coordinators Committee

Second day
01:30^{pm} – 03:00^{pm}
03:30^{pm} – 05:00^{pm}
HALL H25-26

SPECIAL EVENT

INVITED TO PARTICIPATE:

-  **Afanasyev S.M.**, Minister of Ecology, Nature Management and Forestry of the Republic of Sakha (Yakutia), Chairman of the Northern Forum Working Group on Environment and Biodiversity Conservation
-  **Akimova V.V.**, Head of the Representative Office of the Nenets Autonomous District in St. Petersburg
-  **Arkanova I.G.**, Deputy Director of the Department of Public and External Relations - Head of the Department for External Relations of the Khanty-Mansi Autonomous Okrug – Yugra
-  **Danilova S.N.**, Coordinator of the Northern Youth Forum
-  **Gubarev V.N.**, Deputy Chairman of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia)
-  **Holster R.**, Director of International Cooperation Department of the Regional Council of Lapland
-  **Isakov E.V.**, Representative of the Governor of Khanty-Mansi Autonomous Okrug - Yugra in the Federal Assembly
-  **Johansson H.**, Director of the Arctic Portal
-  **Kirillin G.V.**, Minister for External Relations and People's Affairs of the Sakha (Yakutia) republic



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-  **Korostelev D.A.**, Deputy Prime Minister of Kamchatka region
-  **Kravtsov Y.N.**, Deputy Permanent Representative of the Republic of Sakha (Yakutia) to the President of the Russian Federation in St. Petersburg
-  **Kungurtsev S.S.**, Chairman of the Committee on Arctic, International and Interregional Relations of the Department of Digital Development, Communication and Mass Communications of the Nenets Autonomous Okrug
-  **Lanovoy P. V.**, Deputy Head of the Department, Head of the Division for Interethnic Cooperation and Cossack Affairs of the Department for External Relations of the Yamalo-Nenets Autonomous region
-  **Maksimova D.D.**, Acting Deputy Executive Director of the Northern Forum
-  **Mazharov A.V.**, Deputy Governor of the Yamalo-Nenets Autonomous District, Director of the International Economy Department
-  **Morozova S. Yu.**, Minister of Economic Development and Trade of Kamchatka region
-  **Penyevskaya I.S.**, Minister of Economic Development, Investment Policy and Innovation of the Magadan Region
-  **Slugina N.M.**, Head of the International Relations Department of the Office of the Governor and Government of Chukotka Autonomous district
-  **Sofroneeva E. A.**, Coordinator of the Northern Youth Forum
-  **Tsareva O.A.**, Head of the External Relations Department of the Governor of Krasnoyarsk region
-  **Tsykalov A.G.**, Deputy Prime Minister of Krasnoyarsk region
-  **Vasiliev V.N.**, Acting Executive Director of the Northern Forum

Extractive industry of the Arctic zone of the Russian Federation: what kind of support does the system-forming enterprise need?


Second day
03:30^{pm} – 05:00^{pm}
HALL 4

WORKING SESSION

KEY ISSUES:

- ◆ Development of the mineral resource base in the Arctic region
- ◆ Normative aspects and operational processes of geological exploration for solid minerals in the Arctic
- ◆ Construction of new capacities for mineral deposit development and mineral processing facilities
- ◆ Investment attractiveness of Russian subsoil in the Arctic: system of measures to support and stimulate the economic entities
- ◆ Efficient development of solid mineral deposits: modern technologies for recovery, processing and enrichment of mineral resource base
- ◆ Infrastructure for the effective mineral resources base development in the Arctic

MODERATOR:

-  **Ordenov G.I.**, Member of the Federation Council Committee and the Federal Assembly of the Russian Federation on Agrarian and Food Policy and Environmental Management










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INVITED TO PARTICIPATE:








-  **Afanasyev E.E.**, Minister of Industry, Energy and Housing and Communal Services of Krasnoyarsk region
-  **Gehaev M.R.**, Vice-President of the Far East Development Fund
-  **Golomareva E. Kh.**, Chairman of the Standing Committee of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia) on Indigenous Peoples' Issues and Arctic Affairs
-  **Grakhanov S.A.**, Leading Specialist of the Department of Regional Geology and Mineral Resources of the Eastern Regions of Russia at All-Russian Research Geological Institute named after A.P. Karpinsky
-  **Gubarev V.N.**, Deputy Chairman of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia)
-  **Polshvedkin R.V.**, Minister of Natural Resources and Environmental Protection of Komi republic
-  **Proskurnin V.F.**, Head of the Department of Regional Geology and Mineral Resources of Eastern Regions of Russia VSEGEI

Construction and operation of buildings and structures in the Arctic zone of Russia: improvement of legislation and modern technological solutions


Second day
03:30^{pm} – 05:00^{pm}
HALL 7

WORKING SESSION





KEY ISSUES:

-  Improvement of the regulatory framework related to the construction and operation of buildings and structures in the polar macro-region
-  Ensuring safe operation of residential buildings and structures in the Arctic zone of Russia
-  The influence of permafrost on road construction technologies, buildings and structures in the Arctic
-  Modern technologies and materials for construction under severe climate conditions.
-  Features of construction and operation of buildings and structures, as well as transport infrastructure in the Arctic
-  Global warming and permafrost melting: risk assessment for construction projects
-  Technical regulation of construction technologies in the Arctic

MODERATOR:

-  **Pestryakov A.A.**, Chairman of Norilsk City Council of Deputies

INVITED TO PARTICIPATE:

-  **Alekseev A.G.**, Head of the Center of geocryological and geotechnical research of Research Center of Construction, JSC
-  **Sadomova T.Yu.**, General Director of Scientific Research Institute of Modern Materials and Technologies, LLC
-  **Seleznev N.F.**, Head of the Department for work with government agencies and development of Normative and technical documentation of Gas and Oil Complex Builders Association
-  **Vilitok A.V.**, Advisor to the Rectorate of the Russian Transport University (MIIT)



New technological horizons: development of unmanned and robotic technologies for the Arctic

Second day
03:30^{pm} – 05:00^{pm}
HALL 10

WORKING SESSION

KEY ISSUES:

- ◆ Prospective trends in the development of unmanned and robotic technologies for the Arctic
- ◆ Regulatory control of UAV and robotics operation
- ◆ Technological and navigation aspects of UAV and robotics applications in the Arctic
- ◆ Unmanned technology operation practices in the Arctic: Present and the Future
- ◆ Opportunities for the use of robotic technologies for the Arctic development

MODERATOR:

- 🗣️ **Pilyasov A.N.**, General Director of ANO Institute of Regional Consulting, Professor of Lomonosov Moscow State University

INVITED TO PARTICIPATE:

- ◆ **Afanasyev S.M.**, Minister of Ecology, Nature Management and Forestry of Sakha (Yakutia) republic
- ◆ **Ishchuk I.N.**, Head of 42 Department of Robotic Complexes and Airborne Systems of Military Training and Research Center of the Air Force, Air Force Academy named after Professor N.E. Zhukovsky and Yu.A. Gagarin
- ◆ **Kupchenko S.M.**, Deputy of the Legislative Assembly of St. Petersburg
- ◆ **Semenov D.O.**, Chief Engineer Designer of MT Rubin Central Design Bureau JSC
- ◆ **Sharapov S.V.**, Deputy Head of Saint-Petersburg University of the State Fire Service of the EMERCOM of Russia
- ◆ **Zanin V.Y.**, Advisor of General Director of Oceanos, JSC
- ◆ **Zhankaziev S.V.**, Head of the Department Organization and Safety of Movement, MADI

Program-targeted approach in the implementation of measures to develop the health care system, science and technology for the benefit of Arctic exploration

Second day
03:30^{pm} – 05:00^{pm}
HALL H23

WORKING SESSION

A meeting of the public commission of the Association of Polar Explorers in the field of Arctic medicine will be held within the section

KEY ISSUES:

- ◆ The main measures to modernize the health care system in the Russian Arctic Zone: proposals and additions to the state programs of the Russian Federation and the subjects of the Russian Federation "Healthcare Development".



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- ◆ Actual problems of health protection of children and teenagers living in the Arctic Zone and ways to solve them: main tasks and priority activities (R&D, D&D) in the field of science and technologies development to save health and increase life expectancy of the Arctic zone population;
- ◆ Improvement of medical support to ship crews in the waters of the Northern Sea Route, stationary and floating offshore platforms in the Arctic Ocean;
- ◆ Issues of medical education, provision of social support to medical workers in order to eliminate personnel shortages in the Russian Arctic Zone

MODERATOR:

- 🗣️ **Aleksanin S.S.**, Chief Doctor of the EMERCOM of Russia, Director of the All-Russian Center of Emergency and Radiation Medicine named after A.M. Nikiforov, FSBI

INVITED TO PARTICIPATE:

- 🗣️ **Antipov S.A.**, General Director of Center of Corporate Medicine, Ltd
- 🗣️ **Bobrovniksky I.P.**, Chairman of the Public Commission of the Association of Polar Explorers in the field of Arctic Medicine, Deputy Director General for Scientific Work of the Federal State Budgetary Institution of the Federal Medical Academy of Russia
- 🗣️ **Chaschin M.V.**, Head of the Research Laboratory of Arctic Medicine at Mechnikov North-West State Medical University
- 🗣️ **Genchikova I.V.**, Deputy Director of the Department for Monitoring, Analysis and Strategic Development of Healthcare of the Ministry of Healthcare of Russia
- 🗣️ **Grabsky Yu.V.**, Deputy Development Director of FSUE NII PMM
- 🗣️ **Dzhioeva O.N.**, Senior researcher of Department of Fundamental and Applied Aspects of Obesity National Medical Research Center for Therapy and Preventive Medicine with the support of PHIPIPS, Ministry of Health of Russian Federation
- 🗣️ **Kusaiko T.A.**, Deputy Chairman of the Federation Council Committee on Social Policy
- 🗣️ **Malyavskaya S.I.**, Vice-Rector for Scientific and Innovative Work of Northern State Medical University (Arkhangelsk) of the Ministry of Health of Russia
- 🗣️ **Smirnov A.Yu.**, General Director of the Association of Organizations of the Military-Industrial Complex of Manufacturers of Medical Devices and Equipment (APMI OPK)
- 🗣️ **Tumusov F.S.**, First Deputy Chairman of the State Duma Committee on Health Protection

December 11, 2020 05:30^{pm} - 07:00^{pm}

SUMMING UP THE FORUM



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THIRD DAY

December 12, 2020. 11:00am – 08:00am

On December 12, within the framework of the cultural program of the X International Forum Arctic: Today and the Future, an Arctic cinema will start its work. In an online format, the Forum participants will be able to watch documentaries about the development of the Arctic. The films, created by Russian documentary filmmakers, tell about the expeditions that have gone down in the history of the country. They are: the voyages of the Sibiryakov icebreaker and the Chelyuskin steamship, the first Litke icebreaker voyage along the Northern Sea Route from Vladivostok to Leningrad, the landing of the Papanin, the history of the Krasin icebreaker and others.

The films are provided by the Russian State Archive of Film and Photo Documents. The opportunity to get acquainted with the documentary heritage will be unique, as most of the films have not been demonstrated on TV and have not been placed on the Internet.

The Arctic cinema will be available from 11:00 AM to 8:00 PM in the ONLINE CINEMA tab, PERSONAL OFFICE section.