



International Scientific and Practical Conference
"ARCTIC DAYS IN ST. PETERSBURG-2021."
INTERNATIONAL COOPERATION IN THE ERA OF CLIMATE CHANGE"

PROGRAM

25 November, (thursday)

Location: Russian National Library, Moscow ave., 165, bld.2.

Time: 9:00 – 14:30 Moscow time

Moderator: LEONTEV DENIS VALENTINOVICH, Acting Vice-Rector for Scientific Work of RSHU, Vice-Rector for Development of RSHU.

Conference participants registration PASSPORT REQUIRED	09:00 – 10:00	Hall, Russian National Library
Ceremonial conference opening	10:00 – 10:40	Assembly Hall, Russian National Library

Welcoming words:

1. **MIKHEEV VALERY LEONIDOVICH**, Ph.D., associate professor, rector of RSHU
2. **CHILINGAROV ARTHUR NIKOLAEVICH**, Ph.D., Professor, Corresponding Member of the Russian Academy of Sciences, Special Representative of the Russian Federation President for International Cooperation in the Arctic and Antarctic, President of the Polar Explorers Association, Hero of the Soviet Union, Hero of the Russian Federation, President of the Russian State Hydrometeorological University
3. **SHUMILOVA ELENA BORISOVNA**, Senator of the Russian Federation from the State Council of the Komi Republic
4. **SLIWANSKI PASCAL**, General Consul of France in St. Petersburg, Director of the St. Petersburg Branch of the French Institute in Russia
5. **SHIROKOV GERMAN GERMANOVICH**, Chairman of the Committee on Arctic Affairs of the Government of St. Petersburg
6. **BISHOP JACOB**, Bishop of Naryan-Marsky and Mezen
7. **BEBENIN SERGEY MIKHAILOVICH**, Chairman of the Legislative Assembly of the Leningrad Region
8. **HENRY DE LUMLEY**, Chairman of the Board of the Institute of Human Paleontology of the Albert 1st Charitable Foundation, Prince of Monaco, corresponding member of the Academy of Sciences and the Academy of Inscriptions and Fine Literature of the French Institute, former director of the French National Museum of Natural History in Paris
9. **MALGIN ARTEM VLADIMIROVICH**, Doctor of Politics, Associate Professor, MGIMO Development Vice-Rector, Staff Chief of the MGIMO Rector, Executive Director of the Russian Association for International Studies (RAMI)



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10. **KRAVTSOV YURI NIKOLAEVICH**, Deputy Permanent Representative of the Republic of Sakha (Yakutia) to the President of the Russian Federation

11. **JEAN MALAURIE**, Director of the Center for Arctic Research, Sorbon University, Honorary President of the Russian State Hydrometeorological University, Professor

	Press approach	10:50 – 11:00	Assembly Hall, Russian National Library
	PLENARY MEETING (1 part)	11:00 – 11:45	Assembly Hall, Russian National Library
1.	450,000 YEARS AGO, A TOTAVEL MAN LIVED SURROUNDED BY ARCTIC ANIMALS	11:00 – 11:15	Marie-Antoinette de Lumley, director Emeritus for Research of the National Center for Scientific Research (Centre National de la Recherche Scientifique, CNRS), Institute of Human Paleontology
2.	PROFESSOR JEAN MALAURIE, ANTHROPOGEOGRAPHER, WRITER, EDITOR AND HUMANIST. NEW PERSPECTIVES ON HIS WORK: THE INSTITUTE OF ARCTIC RESEARCH JEAN MALAURIE MONACO-UVSQ AND ITS PUBLICATIONS	11:15 – 11:30	Jan Borm, PhD, Full Professor in British Literature, Vice-President for International Relations, University of Versailles Saint-Cantin-en-Yveline
3.	THE INFLUENCE OF PHYSICAL AND CHEMICAL PROCESSES ON THE VARIABILITY OF ARCTIC OZONE	11:30 – 11:45	Smyshlyaev Sergey Pavlovich, Professor, Department of Meteorological Forecasts, RSHU, Doctor of Medical Sciences
	COFFE BREAK	11:45 – 12:30	Cafe, Russian National Library
	PLENARY MEETING (2 part)	12:30 – 14:30	Assembly Hall, Russian National Library
4.	DIFFUSE LOAD ON WATER BODIES IN NORTHERN TERRITORIES THE ROLE OF INDIGENOUS PEOPLES IN THE PRESERVATION OF THE ARCTIC TERRITORIES	12:20 – 12:35	Pozdnyakov Shamil Raufovich, D. Sc., professor, director of Limnology institute of RAS



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5.	THE ROLE OF INDIGENOUS PEOPLES IN THE PRESERVATION OF THE ARCTIC TERRITORIES	<i>12:35 – 12:50</i>	Veysalova Nina Glebovna, Vice President of the All-Russian Public Organization "Association of Indigenous Small Peoples of the North, Siberia and the Far East of the Russian Federation on Education, Native Languages of KMNSS and DV of the Russian Federation and Project Activities
6.	INTERNATIONAL SCIENTIFIC AND TECHNICAL COOPERATION IN THE ARCTIC AND ANTARCTIC RESEARCH INSTITUTE: STATUS AND PROSPECTS	<i>12:20 – 12:35</i>	Makarov Alexander Sergeevich, Director of the Arctic and Antarctic Research Institute



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26 November, (friday)

Location: Russian State Hydrometeorological University (RSHU), Rizhskii ave., 11, assembly hall

Time: 10:00 – 18:00 Moscow time

ROUND TABLE 1

«Climate change and sustainable development in the Arctic region»

Moderator: Valeriy Malinin, Professor, UNESCO-IOC Department of Applied Oceanography and Integrated Coastal Zone Management, RSHU

№	Report title	Authors	Time
1.	SCIENCE-BASED POLICIES AND THE ARCTIC IN THE CLIMATE CHANGE ERA	<i>Eda Ayadin</i>	10:00-10:15
2.	LONG-TERM DYNAMICS OF THE BARENTS SEA COD AND HADDOCK STOCKS IN RELATION TO CLIMATIC VARIATIONS	<i>Krovnin A.S.</i>	10:15-10:30
3.	FORECASTING OF COMPLETE ICE CLEARANCE OF THE RUSSIAN ARCTIC SEAS	<i>Malinin V.N., Vainovsky P.A., Mitina Yu.V., Angudovich Y.I.</i>	10:30-10:45
4.	THE CURRENT STATE OF THE ECOLOGICAL-SOCIO-ECONOMIC SYSTEM OF THE WHITE SEA AND WATERSHED AND POSSIBLE WAYS OF SUSTAINABLE DEVELOPMENT OF THE REGION	<i>Filatov N.N.</i>	10:45-11:00
5.	EVALUATION OF CLIMATIC STABILITY IN THE NORTHERN PART OF THE EUROPEAN TERRITORY OF THE RUSSIAN FEDERATION	<i>Voskanyan K.L., Ivanova T.I., Kuznetsov A.D., Seroukhova O.S., Simakina I.E., Nikitina V.S.</i>	11:00-11:15
6.	CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT OF THE ARCTIC REGION	<i>Ivanov B.V., Karandasheva T.C., Demin V.I., Revina A.D.</i>	11:15-11:30
7.	COSMO-CLM RUSSIAN ARCTIC HINDCAST 1980 – 2016: EXPERIMENTAL DESIGN, FIRST EVALUATIONS AND FUTURE APPLICATIONS	<i>Platonov V.S.</i>	11:45-12:00



International Scientific and Practical Conference
"ARCTIC DAYS IN ST. PETERSBURG-2021.
INTERNATIONAL COOPERATION IN THE ERA OF CLIMATE CHANGE"

Break, 15 minutes

8.	THE CHANGE IN THE ICE REGIME OF THE PUR RIVER IN THE ALIGNMENT OF THE VILLAGE URENGOY	<i>Azaryan V.S., Sanotskaya N.A.</i>	12:00-12:15
9.	INTERANNUAL VARIABILITY OF ARCTIC SEA ICE	<i>Teider M.S., Oskotskaya S.A., Frolova N.S., Podrezova N.A.</i>	12:15-12:30
10.	MODELING THE PROCESS OF FORMATION OF MAXIMUM RUNOFF ON THE EXAMPLE OF THE RUSSIAN PART OF THE ARCTIC OCEAN BASIN	<i>Batmazova A.A., Khaustov V.A., Gaidukova E.V.</i>	12:30-12:45
11.	VARIABILITY OF SURFACE AIR TEMPERATURE IN THE ARCTIC ZONE OF THE ARKHANGELSK REGION	<i>Barzut O.S., Kochurova A.A.</i>	12:45-13:00
12.	LONG-TERM CHANGES OF GEO-FLUX COMPONENTS IN RUSSIAN ARCTIC RIVERS	<i>Georgiadi A.G., Milyukova I.P., Kashutina E.A., Danilenko A.O., Dukhova L.A.</i>	13:00-13:15
13.	LONG-TERM VARIABILITY OF FAST ICE THICKNESS IN THE SEAS OF THE EASTERN ARCTIC ACCORDING TO THE DATA OF POLAR STATIONS	<i>Sharatunova M.V., Timofeeva A.V.</i>	13:15-13:30

Coffee break 13:30 – 14:00



International Scientific and Practical Conference
"ARCTIC DAYS IN ST. PETERSBURG-2021.
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ROUND TABLE 2
«Economic aspects of Arctic development»

Moderator: Andrei Bryksenkov, Deputy Director of the RSHU Representative Office in Moscow

№	Report title	Authors	Time
1.	IS THERE ANY TRADEOFF BETWEEN ENERGY SECURITY AND CLIMATE STABILITY FOR THE ARCTIC REGION? AN EXPLORATION OF THE POTENTIAL LEVERS AND OBSTACLES TO THE REQUIRED ENERGY TRANSITION	<i>Patrick Schembri</i>	10:00-10:15
2.	MAIN APPROACHES TO ARCTIC RESOURCE POTENTIAL RESEARCH	<i>Bikezina T.V., Lukina O.V.</i>	10:15-10:30
3.	STABILIZATION OF THE ECONOMY THROUGH IMPORT SUBSTITUTION	<i>Zhilchuk L.B., Zhilchuk D.I., Kurochkina A.A.</i>	10:30-10:45
4.	NORTHERN BUSINESS INDEX AND SUSTAINABLE DEVELOPMENT IN ARCTIC EUROPEAN REGIONS	<i>Mineev A.</i>	10:45-11:00
5.	NATIONAL POLICY OF THE CIRCUMPOLAR ARCTIC ON FOOD SECURITY: MAIN DIRECTIONS AND PROBLEMS ОСНОВНЫЕ НАПРАВЛЕНИЯ И ПРОБЛЕМЫ	<i>Kornekova S.Yu., Karimova L. A., Rumyantseva E.S.</i>	11:00-11:15
6.	DIFFICULTY И AND CHALLENGES OF SOFT SECURITY IN THE GLOBAL ARCTIC	<i>Mitina Y.S.</i>	11:15-11:30
Break, 15 minutes			
7.	RELEVANCE AND DESIGN ASPECTS OF MODERN RESEARCH COMPLEXES IN THE RUSSIAN ARCTIC	<i>Savinova V.A.</i>	11:45-12:00
8.	ROLE OF THE STRUCTURAL ELEMENTS OF THE ORTHODOX SPACE IN THE DEVELOPMENT OF TOURISM AND RECREATION (CASE OF THE WHITE SEA REGION OF THE REPUBLIC OF KARELIA)	<i>Balabaykina O.A., Kuznetsova Yu.A.</i>	12:00-12:15
9.	NORTHERN SEA ROUTE: REGULATORY AND DEVELOPMENT PROSPECTS	<i>Genkina S.Y.</i>	12:15-12:30
10.	THEMATIC DISCUSSION		12:15-13:00

Coffee break 13:00 – 14:00



International Scientific and Practical Conference
"ARCTIC DAYS IN ST. PETERSBURG-2021.
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ROUND TABLE 3

«Ecosystems of the Arctic region in the face of global change»

Moderator: Eremina Tatyana Ramovna, Ph.D., Associate Professor, Director of the Institute of Hydrology and Oceanology

Coffee break 13:00 – 14:00

№	Report title	Authors	Time
1.	OCEANS OF PLASTIC	<i>Francois Galgani</i>	14:00-14:15
2.	CURRENT STATE OF ARCTIC ECOLOGICAL SYSTEMS SUSTAINABILITY	<i>Lukin O.A.</i>	14:15-14:30
3.	POLLUTION OF SIBERIAN RIVERS BY MICROPLASTICS: WAY TO ARCTIC SEAS	<i>Frank Yu.A., Vorobyov E.D., Kyler O.A., Kulinicheva K.S., Trifonov A.A., Vorobyov D.S.</i>	14:30-14:45
4.	STUDY OF POLLUTION BY MARINE DEBRIS AND MICROPLASTICS OF BARENTS AND WHITE SEAS ECOSYSTEMS IN 2021	<i>Ershova A.A., Eremina T.R., Makeeva I.N., Krutikov I.A.</i>	14:45-15:00
5.	MICROPLASTICS IN THE ARCTIC OCEAN AND MARINE HEALTH	<i>Abdurakhimov M., Lagunov A.</i>	15:00-15:15
6.	SUSTAINABLE DEVELOPMENT OF THE ARCTIC: ENVIRONMENTAL RESPONSIBILITY OF RUSSIAN OIL AND GAS COMPANIES	<i>Tributsyna O.P.</i>	15:15-15:30

Break, 15 minutes

7.	IMAGE OF A DEEP NUCLEAR GRAVE IN RUSSIA: UNIQUE NEGATIVE NON-CONFORMITY TO CANONS	<i>Komlev V.N.</i>	15:45-16:00
8.	THE ACCUMULATION OF HEAVY METALS BY HALOPHYTES ON THE COASTAL TERRITORIES OF THE WHITE SEA	<i>Terebova E., Pavlova M.</i>	16:00-16:15
9.	UTILIZATION OF EARTH REMOTE SENSING METHODS TO STUDY ARCTIC CLIMATE CHANGE CASE OF NOVAYA ZEMLYA ARCHIPELAGO	<i>Petrova A.A., Pyastolova M.V.</i>	16:15-16:30



International Scientific and Practical Conference
"ARCTIC DAYS IN ST. PETERSBURG-2021.
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10.	DISTRIBUTION OF FLOATING MARINE MACRO-LITTER IN RELATION TO OCEANOGRAPHIC CHARACTERISTICS IN THE RUSSIAN ARCTIC SEAS IN OCTOBER 2020	<i>Pogozheva M., Zhdanov I., Berezina A., Osadchiev A., Khanke G., Yakushev E.</i>	16:30-16:45
11.	TOXIC EFFECTS OF MICROPLASTICS FROM BARENTS SEA ON MICROALGAE	<i>Lazareva A.M., Ipatova V.I., Ilyina O.V.</i>	16:45-17:00
12.	ASSESSMENT OF COASTLINE PLASTIC POLLUTION AND SURFACE WATERS OF THE COASTAL ZONE OF THE KOLA PENINSULA: QUANTITATIVE INDICATORS, COMPOSITION AND ORIGIN	<i>Ilyina O.V., Ilyinsky V.V.</i>	17:00-17:15
13.	ANTHROPOGENIC LITTER IN THE SEAS OF THE RUSSIAN ARCTIC: RESEARCH DATA OBTAINED IN THE RESULT OF THE SURVEY	<i>Novikov M.A., Gorbacheva E.A., Kharlamova M.N., Benzik A.N.</i>	17:15-17:30
14.	VNIRO STUDIES ON ASSESSMENT OF PLASTIC GARBAGE AND MICROPLASTIC POLLUTION IN ARCTIC SEA WATERS	<i>Pedchenko A.</i>	17:30-17:45



International Scientific and Practical Conference
"ARCTIC DAYS IN ST. PETERSBURG-2021."
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ROUND TABLE 4
«Social aspects of Arctic development»

Moderator: Brazovskaya Yana Evgenievna, Assistant Rector of RSHU for Arctic Affairs

Coffee break 13:00 – 14:00

№	Report title	Authors	Time
1.	ANCIENT MAN IN THE FAR NORTH OF EUROPE	<i>Kolpakov E.M., Shumkin V.Ya.</i>	14:00-14:15
2.	CLIMATE CHANGE THROUGH THE EYES OF INDIGENOUS PEOPLES OF SIBERIA	<i>Lavriller A.</i>	14:15-14:30
3.	MODERN CHILDHOOD IN THE HANDS OF THE DIGITAL AGE. THEORY, ARCTIC RESEARCH, METHODS OF PREVENTION	<i>Gorelik E.A., Malavskaya S.I.</i>	14:30-14:45
4.	ON EDUCATIONAL ACTIVITIES OF THE ALL-RUSSIAN PUBLIC ORGANIZATION "ASSOCIATION OF INDIGENOUS SMALL PEOPLES OF THE NORTH, SIBERIA AND FAR EAST OF THE RUSSIAN FEDERATION"	<i>Veisalova N.G.</i>	14:45-15:00
5.	ETHNIC MINORITIES OF FINLAND: LEGAL AND SOCIAL STATUS	<i>Olshevskaya I.V.</i>	15:00-15:15
6.	THE ROLE OF NORDIC INTERNATIONAL COOPERATION IN PRESERVING THE ENVIRONMENT FOR THE SMALL ARCTIC PEOPLES	<i>Bubnova Y.V., Orlov D.A.</i>	15:15-15:30

Break, 15 minutes

7.	FIRST PEOPLE IN NORTHERN EURASIA: ENVIRONMENTS AND MIGRATIONS	<i>Vasiliev S.A., Kurenkova E.L.</i>	15:45-16:00
8.	CONTEMPORARY LEGAL MODELS FOR THE SOCIO-ECONOMIC ADAPTATION OF THE INDIGENOUS PEOPLES OF THE ARCTIC	<i>Nikiforova E.N.</i>	16:00-16:15
9.	IMPACT OF SMALL INDIGENOUS PEOPLES ON THE ARCTIC ENVIRONMENT	<i>Belyaeva N.B., Lentsova A.V.</i>	16:15-16:30
10.	CONCEPTUAL BASIS FOR CREATING A COLLECTIVE MONOGRAPH "HISTORICAL GEOGRAPHY OF THE RUSSIAN ARCTIC"	<i>Vampilova L.B., Sokolova A.A., Brodskaia N.A.</i>	16:30-16:45



International Scientific and Practical Conference
"ARCTIC DAYS IN ST. PETERSBURG-2021.
INTERNATIONAL COOPERATION IN THE ERA OF CLIMATE CHANGE"

11.	THE STRUCTURAL ELEMENTS ROLE OF THE ORTHODOX SPACE IN THE TOURISM AND RECREATION DEVELOPMENT (THE CASE OF THE BELOMORSKY DISTRICT OF THE REPUBLIC OF KARELIA)"	<i>Balabeykina O.A., Kuznetsova Yu.A.</i>	16:45-17:00
12.	CURRENT STATE OF THE FORESTS OF THE RUSSIAN PART OF THE BARENTS/EURO-ARCTIC REGION AND PROSPECTS FOR THEIR USE	<i>Grigoriev V.</i>	17:00-17:15
13.	PSYCHOLOGICAL TRAINING FOR PROFESSIONAL ACTIVITIES IN THE ARCTIC AND THE FAR NORTH	<i>Ipatov A.V.</i>	17:15-17:30
14.	RESOURCE ECONOMY, CORPORATE SOCIO-ECONOMIC RESPONSIBILITY AND SUSTAINABLE DEVELOPMENT OF THE ARCTIC	<i>Petrov A.N.</i>	17:30-17:45
15.	YOUTH AND SUSTAINABLE DEVELOPMENT OF ARCTIC CITIES	<i>Rozanova M.S.</i>	17:45-18:00

29 November (monday)

Location: Russian State Hydrometeorological University (RSHU), Rizhskii ave., 11, 309
Time: 10:00 – 17:00 Moscow time

CLIMATON

Moderator: Polyakova Anastasia, State Unitary Enterprise SF "Mineral"

30 November (tuesday)

Location: Russian State Hydrometeorological University (RSHU), Rizhskii ave., 11, 309
Time: 10:00 – 17:00 Moscow time

CLIMATON

Moderator: Polyakova Anastasia, State Unitary Enterprise SF "Mineral"