



Academic Cooperation in the Arctic: Russian-Korean Perspective

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Russia and Korea

R&D fields of mutual interest

GLOBALLY

- Digital and ICT Technologies, Intellectual Systems
- Healthcare including biomedical and genome technology
- Nano-Material Technology
- Nuclear Energy
- New and Creative Materials
- Space Technology

ARCTIC

- Technologies of Offshore Mineral Resources Development
- Development of navigation, hydrographic and hydrometeorological support for the organization of regular navigation along the Northern Sea Route
- Forecast and assessment of the consequences of global climate change in the Arctic
- Monitoring of environment as well as atmosphere, ocean and sea ice processes through hydro meteorological observations and satellite remote sensing

Formats of Russian-Korean Academic Cooperation in the Arctic



UNIVERSITY OF
THE ARCTIC



Rectors' Forum
«DIALOGUE
RUSSIA –
REPUBLIC OF
KOREA»



KOREAN-
RUSSIAN
SCIENCE AND
TECHNOLOGY
CENTRE



BILATERAL
PARTNERSHIP





UNIVERSITY OF THE ARCTIC

<http://uarctic.org/>

MISSION

Empower the people of the Circumpolar North by providing unique educational and research opportunities through collaboration within a powerful network of members

GOALS 2020

- ✓ Educational Access for Northern Students
- ✓ Research Representation in the North
- ✓ Expanding Knowledge of the North
- ✓ Engaged Membership Network



VISION

An Empowered North – With Shared Voices

More than **180** institutions from Arctic and Non-Arctic countries

Members from Russia: **50**

Members from Korea: **2**

- ✓ *Korean Maritime Institute*
- ✓ *Korean Polar Research Institute*

Annual Summer School «Korea Arctic Academy» for Master's and PhD students at Korean Maritime Institute



29 March, 2017, NArFU – roundtable discussion **“Arctic as a New Vector for Cooperation between Russia and the Republic of Korea”** in the framework of the International Forum “Arctic: Territory of Dialogue”
(Korean participants: Korean Maritime Institute, Korea Polar Research Institute, Korean Ministry of Foreign Affairs, Korean Embassy)

UArctic Congress 2018
(September 3 – 7, Oulu & Helsinki, Finland)





Rectors' Forum «Dialogue Russia – Republic of Korea»

November, 2016 – IV Forum hosted by NArFU

“Strengthening the Links between Russian and Korean Universities in Education and Technology”

- Russian-Korean Inter-University Cooperation
- Shipbuilding and Joint Exploration of the Northern Sea Route
- Venture Companies and Start-ups in Cooperation with Universities





Korean-Russian Science and Technology Centre / KORUSTEC



1st Korea-Russia Workshop on Arctic Research

DATE: 17-18 April, 2018

VENUE: Northern Arctic Federal University

KOREAN PARTICIPANTS: KORUSTEC, Korea Polar Research Institute, Chung-Ang University, Korea Polar Research Institute, Konkuk University, Korea Institute of Geoscience and Mineral Resources, Sookmyung Women's University, Embassy of the Republic of Korea



TOPICS ADDRESSED:

- ✓ Biodiversity research in the Arctic
- ✓ Energy research in the Arctic

Organized by



KORUSTEC
Korea-Russia Science & Technology Exchange Centre



Sponsored by



National Research
Foundation of Korea

Hosted by



과학기술정보통신부
Ministry of Science and ICT



Resource of Networking

National Arctic Research and Educational Consortium (NAREC)

<http://arctic-union.ru>

Established: 6th June, 2016

Initiator / Coordinator: NArFU

NAREC is an association of universities, research institutes and other organizations working in the field of staff training for the Arctic Zone of the Russian Federation, Arctic research and economic and business activities in the Arctic territories.

Participants: 33 organizations including universities, scientific organizations and institutions operating in the Arctic Zone of the Russian Federation





Bilateral Cooperation

NArFU agreements with Korean partners:



KOREAN MARITIME INSTITUTE

logistics and transportation, Northern Maritime Route, geopolitics, security in the Arctic



KOREAN INSTITUTE OF POLAR RESEARCH

biodiversity, climate change, permafrost, construction in cold climate and energy efficiency



KOOKMIN UNIVERSITY

engineering, natural sciences, forestry, humanities



HANKUK UNIVERSITY OF FOREIGN LANGUAGES

foreign languages teaching, multicultural communication



SEOUL CYBER UNIVERSITY

digitalization, e-learning



SUNGKYUNKWAN UNIVERSITY

engineering, IT, technical sciences



CHUNGBUK NATIONAL UNIVERSITY

engineering, technologies



INTERNATIONAL
ARCTIC FORUM

ARKHANGELSK • RUSSIA • 2017



WELCOME TO:

March, 2019, NArFU - International Forum “Arctic: Territory of Dialogue”

2020, NArFU – Congress of the International Arctic Social Sciences Association (IASSA)





International PhD School Russia in the Arctic Dialogue

Side event of the International Forum “Arctic: the territory of dialogue”

Programme:

- International cooperation in the Arctic
- Arctic Law
- Northern Governance and Economies
- Human adaptation in the Arctic environment
- Life of the local communities
- Arctic as an art object

Forms: lectures, presentations, interactive sessions, debates, cultural and site visits.

Keynote lecturers: High officials and speakers of the Forum

Credits: 3 ECTS

Duration: 1 week

Dates: late March – early April

Application deadline: October, 30th, 2018





www.narfu.ru