



# 2025 Arctic Partnership Week

A Decade of Cooperation:  
Co-navigating a Sustainable Arctic Future

2025. 12. 10(Wed) ~ 12. 12(Fri)  
**BEXCO, Busan**

**Program Book**



Hosted by



Organized by



KOREA MARITIME INSTITUTE



Korea Polar Research Institute

Sponsored by



BUSAN

# Program

Place	12. 10 Wed			12. 11 Thu		12. 12 Fri												
	Policy · Science			Economy · Industry		Society · Culture												
Place	Hall 5A	321+322	323	Hall 5A	321+322	321+322	323	325+326										
09:00 ~ 09:30	Venue Arrangement			The 14 <sup>th</sup> International Arctic Shipping Seminar (9:00~12:00)	Venue Arrangement	Venue Arrangement												
09:30 ~ 10:00	Opening Ceremony (09:30~11:00)	MOU Ceremony (10:55~11:20)	Polar Commentator Conference (13:00~14:20)			Polar Experience Felt by the Five Senses (1) (10:00 ~ 11:00)	KoARC Seminar (10:30~12:00)	Next-Generation Academic Seminar (10:00~12:00)										
10:00 ~ 10:30																		
10:30 ~ 11:00																		
11:00 ~ 11:30						Polar Experience Felt by the Five Senses (2) (11:00 ~ 12:00)												
11:30 ~ 12:00																		
12:00 ~ 12:30						Encounter with the Arctic (12:30~13:20)	Arctic Youth Session (13:00~14:30)											
12:30 ~ 13:00																		
13:00 ~ 13:30																		
13:30 ~ 14:00						Korea-Arctic Blue Economy Cooperation Seminar (13:00~15:30)	Arctic Humanities& Social Sciences Seminar (13:00~15:00)											
14:00 ~ 14:30	Arctic Policy Forum (14:00~15:10)																	
14:30 ~ 15:00																		
15:00 ~ 15:30	B-Youth Arctic Leadership Presentation Challenge (14:00~15:30)																	
15:30 ~ 16:00																		
16:00 ~ 16:30																		
16:30 ~ 17:00	International Arctic Science Cooperation Seminar (16:00~17:30)					SATA 2.1 Seminar (15:00~16:00)	Seminar on Arctic Research (Opportunities and Human) (16:00~17:30)	KoNAC & Expert Seminar (16:30~18:00)										
17:00 ~ 17:30																		
17:30 ~ 18:00																		
Additional events																		
Available anytime	Arctic Photo Booth (Four-Cut Photos), Polar Region Photo Exhibition, Polar Issue Report, Arctic Partnership Week Photo Zone, K-Arctic Care Supporters Promotion Booth, Polar Region Ocean Experience Zone, Polar Regions Playground, Arctic Exploration Quest																	



# Message from the Ministers

The Arctic is at the very forefront of global environmental changes, serving as a barometer for the future of humanity. Transformations in the Arctic exert profound impacts on the global climate, marine ecosystems, and indeed every aspect of our lives. Once seen as remote and distant, the Arctic has now become a region that demands the wisdom and collective efforts of the international community for its preservation.

Born out of this shared understanding was the Arctic Partnership Week (APW), which marks its 10th anniversary this year. Over the past decade, the Republic of Korea, as an Observer State to the Arctic Council, has worked closely with Arctic nations in areas such as scientific research, maritime affairs, fisheries, and governance – exploring pathways toward a sustainable future for the region. Through these endeavors, the APW has evolved into a key platform for dialogue and cooperation, bringing together domestic and international stakeholders to reaffirm the Arctic's enduring importance and to seek practical solutions for its future.

Given the accelerating pace of environmental change in the Arctic, this is a pivotal juncture to present a renewed vision and direction for the sake of a peaceful and sustainable future. The 2025 APW, commemorating its 10th anniversary, will serve as a new point of departure on that journey. Building upon the trust and partnership we have cultivated together, Korea looks forward to forging tangible cooperation that will benefit future generations.

Under the theme “A Decade of Cooperation: Co-navigating a Sustainable Arctic Future,” the APW will bring together leading experts, policymakers, industry representatives, and civil society from around the world for focused dialogue and exchange. Korea warmly invites you to be part of this shared commitment, looking back on the past decade's achievement and charting together the course for the decade ahead.

Thank you.



**CHUN Jae-soo**  
Minister of Oceans and Fisheries  
Republic of Korea



**CHO Hyun**  
Minister of Foreign Affairs  
Republic of Korea



# Day1 Opening Ceremony

## Opening Ceremony

Date/Venue	December 10 <sup>th</sup> (Wed) 09:30-12:00 / Hall 5A
Host/Organizer	Ministry of Oceans and Fisheries, Ministry of Foreign Affairs / Korea Maritime Institute, Korea Polar Research Institute
Key Participants	Vice Minister of Oceans and Fisheries, Climate Change Ambassador of Ministry of Foreign Affairs, President of Korea Maritime Institute, President of Korea Polar Research Institute, Arctic Ambassador for the Kingdom of Denmark and Chair of the Senior Arctic Officials, Executive director of Arctic Economic Council, Executive Director of Arctic Frontiers, Embassies of Arctic States in Korea
Language	Korean–English simultaneous interpretation available

Time	Content	Remarks
09:00-09:30	• Venue Arrangement	• VIP networking
09:30-09:40	• Introduction	• MC
09:40-09:45	• Opening Remarks	• Kim Seong-Beom, Vice Minister of Oceans and Fisheries
09:45-09:50	• Welcome Remarks	• Cho Hyun, Minister of Foreign Affairs (read by Kyun Jongho, Ambassador for Climate Change)
09:50-10:00	• Congratulatory Remarks	• Kenneth Høegh, Arctic Ambassador for the Kingdom of Denmark and Chair of the Senior Arctic Officials
10:00-10:03	• Video	• APW 10th Anniversary Video
10:03-10:13	• Congratulatory Message Video	• Congratulatory Message Video for APW 10 <sup>th</sup> Anniversary
10:13-10:20	• Performance	• Busan Philharmonic Youth Orchestra
10:20-10:25	• Photo Session	• VIP
10:25-10:55	• Keynote Speech	• Rasmus Gjedssø Bertelsen(Professor of Northern Studies, Barents Chair in Politics at UiT) • Magnus de Witt(Research Assistant Professor at ACEP of University of Alaska Fairbanks)
10:55-11:20	• Venue Arrangement	• MC
11:20-11:25	• Introduction to APW 10th Anniversary Commemorative Dialogue	• MC
11:25-11:55	• APW 10th Anniversary Commemorative Dialogue	• <b>Moderator:</b> Choi Su-beom, Korea Arctic Shipping Association(KASA), Secretary-General Development Program at Incheon National University • <b>Panel</b> (Kenneth Høegh, Arctic Ambassador for the Kingdom of Denmark and Chair of the Senior Arctic Officials) • <b>Panel</b> (Torsten Kjølbæk Nielsen, SAO for the Kingdom of Denmark) • <b>Panel</b> (Anu Fredrikson, Executive Director of Arctic Frontiers) • <b>Panel</b> (Cho Jung-Hee, Korea Maritime Institute, President)
11:55-12:00	• Closing	• MC

# DAY 1

## Policy • Science

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함께한 10년, 지속가능한 북극의 길을 함께 열다

A Decade of Cooperation: Co-navigating a Sustainable Arctic Future





# Day1 Policy ; Science

## MOU Ceremony

- Date/Venue:** December 10<sup>th</sup> (Wed), 10:55~11:20 / Room 323
- Host/Organizer:** Korea Maritime Institute, Korea Polar Research Institute
- Key Participants:** Ministry of Oceans and Fisheries of the Republic of Korea,  
The Royal Norwegian Embassy in Seoul,  
Embassy of Canada to the Republic of Korea,  
Korea Maritime Institute, Korea Polar Research Institute,  
Nord University, National Research Council Canada

Time		Content	Remarks
10:55-11:00	~5	▪ <b>Venue Arrangement</b>	<ul style="list-style-type: none"><li>MC(Move from Hall 5A to the meeting room)</li></ul>
11:00-11:06	~6	▪ <b>Congratulatory Remarks</b>	<ul style="list-style-type: none"><li>Kim Seong-Beom, Vice-Minister of Oceans and Fisheries</li><li>Philippe Lafortune, Ambassador of Canada to the Republic of Korea</li><li>Hilde Haaland-Kramer, Counsellor for Higher Education, Research and Innovation of the Royal Norwegian Embassy in Seoul</li></ul>
11:06-11:10	~4	▪ <b>Remarks &amp; MOU Signing (KMI-Nord Univ.)</b>	<ul style="list-style-type: none"><li>Remarks from Nord University</li><li>KMI-Nord Univ. MOU signing</li><li>Photo session</li></ul>
11:10-11:14	~4	▪ <b>Remarks &amp; MOU Signing (KOPRI-NRC)</b>	<ul style="list-style-type: none"><li>Remarks from National Research Council Canada</li><li>KOPRI-NRC MOU signing</li><li>Photo session</li></ul>
11:14-11:16	~2	▪ <b>Group photo</b>	
11:16-11:20	~4	▪ <b>Closing</b>	



# Day1 Policy ; Science

## Arctic Policy Forum

- **Date/Venue:** December 10<sup>th</sup> (Wed), 14:00~15:30 /Hall 5A
- **Host/Organizer:** Korea Maritime Institute (KMI)
- **Key Participants:** Arctic Council, Arctic Economic Council, Korea Maritime Institute, Embassies of Arctic States
- **Language:** Korean–English simultaneous interpretation available

Time		Content	Remarks
<b>Beyond Arctic Exceptionalism: The Role of Non-Arctic States</b>			
14:00~14:03	3	▪ <b>Introduction</b>	<ul style="list-style-type: none"><li>• MC: Umji Kim, Korea Maritime Institute, Director of Polar Strategy Research Division</li></ul>
14:03~15:02	59	▪ <b>Roundtable</b>	<ul style="list-style-type: none"><li>• Moderator: Meehye Lee, Department of Earth &amp; Environmental Sciences of Korea University, Professor</li><li>• Philippe Lafortune, Ambassador of Canada to the Republic of Korea</li><li>• Antti Niemelä, Deputy Head of Mission, Embassy of Finland in Korea</li><li>• Tor Haug, Counsellor of the Royal Norwegian Embassy in Seoul</li></ul>
15:02~15:07	5	▪ <b>Summary</b>	<ul style="list-style-type: none"><li>• Moderator: Meehye Lee, Department of Earth &amp; Environmental Sciences of Korea University, Professor</li></ul>
15:07~15:10	3	▪ <b>Closing Remarks</b>	<ul style="list-style-type: none"><li>• MC: Umji Kim, Korea Maritime Institute, Director of Polar Strategy Research Division</li></ul>



# Day1 Policy ; Science

## International Arctic Science Cooperation Seminar

- Date/Venue :** December 10<sup>th</sup> (Wed), 16:00~17:30 / Hall 5A
- Co-Hosts :** Korea Polar Research Institute, Royal Norwegian Embassy in Seoul, and Embassy of Denmark in Korea, Association of Polar Early Career Scientists (APECS) Korea
- Theme :** Emerging Voices in Arctic Science: The Next Generation Speaks on the Next Decade
- Language :** Korean–English simultaneous interpretation available

Time		Content	Remarks
16:00-16:10	~10	▪ Opening remarks and participant introductions	• MC: Minkyung Kim, Kyungpook National University (APECS Korea Chair)
16:10-16:20	~10	▪ Welcome addresses	• Hyoung Chul Shin, KOPRI President • Royal Norwegian Embassy in Seoul • Embassy of Denmark in Korea
16:20-16:25	~5	▪ Group photo	-
16:25~16:55	~30	▪ KOPRI Arctic Fellowship Alumni Presentations (Fellowship and My Research Journey)	• Magnus De Witt, The Alaska Center for Energy and Power (ACEP), University of Alaska Fairbanks, US (2022 Fellow) • Thomas Fitzpatrick, Memorial University of Newfoundland, Canada (2024 Fellow)
16:55-17:00	~5	▪ Coffee break-	
17:00~17:30	~30	▪ Panel Discussion (The Next 10 Years of Arctic Science from Young Scientists' Perspective)	• Moderator: Eun Jin Yang, Korea Polar Research Institute • Magnus De Witt • Thomas Fitzpatrick • Minkyung Kim • Seungyeon Jang, University of Science and Technology, Korea (APECS Korea ExCom) • Jun-hong Min, University of Science and Technology, Korea (APECS Korea ExCom) • Hojung Kim (Kyungpook National University)
17:30	-	▪ Closing	

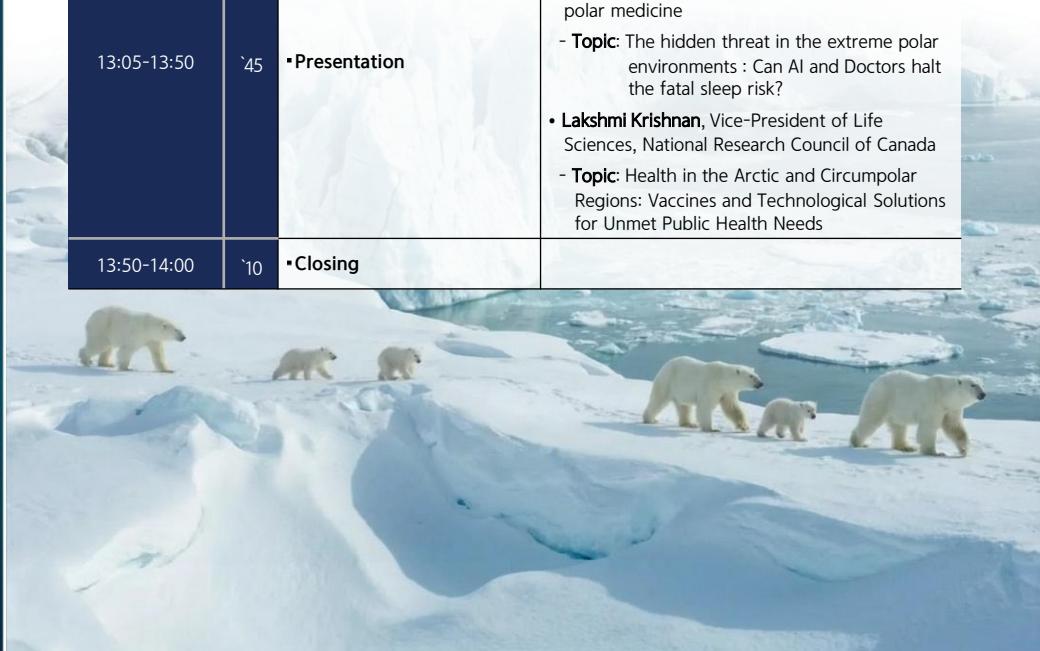


# Day1 Policy ; Science

## Polar, People and Doctor

- Date/Time & Venue:** December 10<sup>th</sup> (Wed), 13:00~14:00 / Room 323
- Host/Organizer:** The Korean Society of Polar Medicine (KSPM)
- Participation :** President of the Korean Society of polar medicine,  
Director of general affairs of the Korean Society of Polar medicine,  
Vice-President of Life Sciences of National Research Council of Canada

Time		Content	Remarks
13:00-13:05	~5	• <b>Introduction</b>	<ul style="list-style-type: none"><li>• MC: Jinho Jheong, Director of general affairs, Korean Society of Polar medicine</li></ul>
13:05-13:50	~45	• <b>Presentation</b>	<ul style="list-style-type: none"><li>• <b>Jinho Jheong</b>, Director of general affairs, Korean Society of Polar medicine</li><li>- <b>Topic:</b> Polar Medicine X Trauma Medicine</li><li>• <b>Kibeom Yoon</b>, President of Korean Society of polar medicine</li><li>- <b>Topic:</b> The hidden threat in the extreme polar environments : Can AI and Doctors halt the fatal sleep risk?</li><li>• <b>Lakshmi Krishnan</b>, Vice-President of Life Sciences, National Research Council of Canada</li><li>- <b>Topic:</b> Health in the Arctic and Circumpolar Regions: Vaccines and Technological Solutions for Unmet Public Health Needs</li></ul>
13:50-14:00	~10	• <b>Closing</b>	



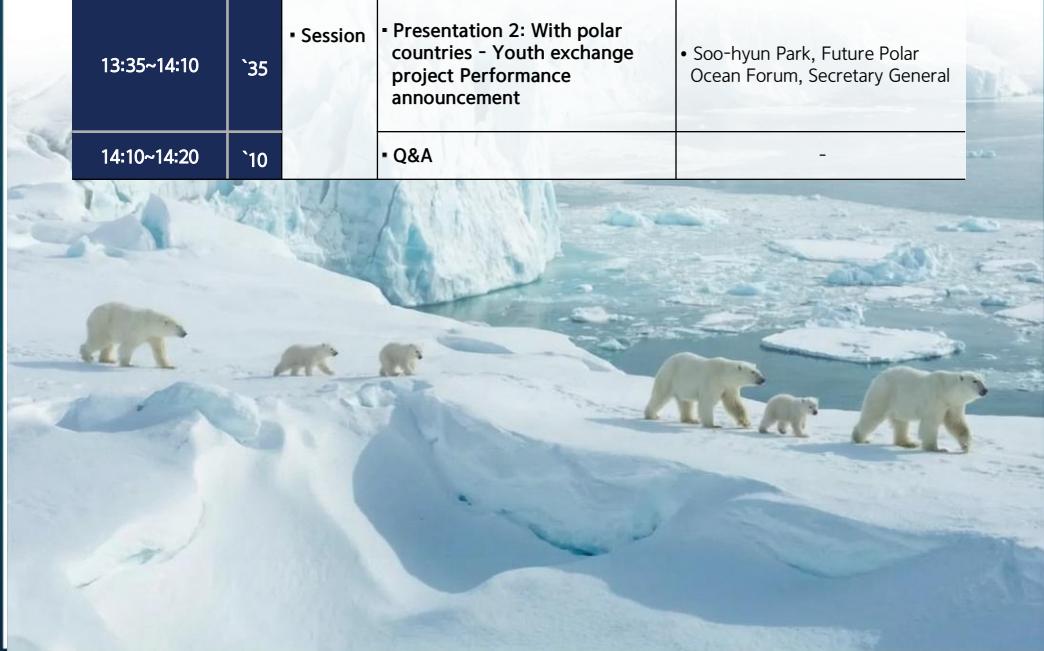


# Day1 Policy ; Science

## Polar Commentator Conference

- Date/Time & Venue:** December 10<sup>th</sup> (Wed), 13:00~14:20 / Room 321+322
- Host/Organizer:** Future Polar Ocean Forum
- Participation:** Commentator and General Citizen

Time		Content	Remarks
13:00~13:05	~5	▪ Opening Address	• Dong-hwa Lee, Future Polar Ocean Forum, CEO
13:05~13:35	~30	▪ Session	• Ha-yong Jang, Busan Research Institute, Chief researcher
13:35~14:10	~35	▪ Presentation 1: Cooperation plan with polar countries through private exchanges ▪ Presentation 2: With polar countries - Youth exchange project Performance announcement	• Soo-hyun Park, Future Polar Ocean Forum, Secretary General
14:10~14:20	~10	▪ Q&A	-





# Day1 Policy ; Science

## Observer Seminar

- Date/Venue:** December 10<sup>th</sup> (Wed), 15:00~16:30 / Room 321+322
- Host/Organizer:** Korea Maritime Institute
- Main Participation:** Arctic Council Observer States' Experts
- Title:** Observer States and Arctic Governance: From Participation to Responsibility

Time		Content	Remarks
15:00~15:05	5	• <b>Introduction</b>	<ul style="list-style-type: none"><li>Moderator: Paekeun Park, Dean of Pusan National University Law School</li></ul>
15:05~15:10	5	• <b>Welcome Remarks</b>	<ul style="list-style-type: none"><li>(Faroe Islands) Mr. Áki Johansen, Representation of the Faroe Islands in Beijing, Head of Representation</li></ul>
15:10~15:17	7	• <b>Presentation 1</b>	<ul style="list-style-type: none"><li>(Faroe Islands) Áki Johansen, Representation of Faroe Islands in Beijing of The Government of the Faroe Islands, Head of Representation</li><li>- Topic: Faroe Islands – Potential of Asian Cooperation</li></ul>
15:17~15:27	10	• <b>Presentation 2</b>	<ul style="list-style-type: none"><li>(Japan) Tomohiko Kobayashi, Department of Law, Otaru University of Commerce, Professor</li><li>- Topic: Like a Bridge Over Troubled Water: Japan's Scientific Contribution for Arctic Governance</li></ul>
15:27~15:37	10	• <b>Presentation 3</b>	<ul style="list-style-type: none"><li>(China) Lilei Song, Professor of School of Political Science and International Relations in Tongji University and Director of Center for European Studies</li><li>- Topic: China's Position and Practice as an Observer State in Taking on Greater Responsibilities</li></ul>
15:37~15:47	10	• <b>Presentation 4</b>	<ul style="list-style-type: none"><li>(Singapore) Nengye Liu, Yong Pung How School of Law, Singapore Management University, Professor</li><li>- Topic: Asian countries and Futures of the Central Arctic Ocean Fisheries Agreement</li></ul>
15:47~16:25	38	• <b>Discussion Q&amp;A</b>	<ul style="list-style-type: none"><li>Moderator: Paekeun Park, Dean of Pusan National University Law School</li><li>• Panelist<ul style="list-style-type: none"><li>- Tomohiko Kobayashi, Department of Law, Otaru University of Commerce, Professor</li><li>- Lilei Song, Professor of School of Political Science and International Relations in Tongji University and Director of Center for European Studies</li><li>- Nengye Liu, Yong Pung How School of Law, Singapore Management University, Professor</li></ul></li></ul>
16:25~16:30	5	• <b>Closing and Photo</b>	

# DAY 2

## Economy • Industry

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함께한 10년, 지속가능한 북극의 길을 함께 열다

A Decade of Cooperation: Co-navigating a Sustainable Arctic Future





# Day2 Economy & Industry

## The 14th International Arctic Shipping Seminar

- Date/Venue :** December 11<sup>th</sup> (Thu), 9:00~12:00 / Hall 5A
- Host/Organizer/Sponsor :** Ministry of Oceans and Fisheries /  
Institute of Arctic Logistics in Youngsan University /  
Busan Port Authority (BPA)
- Participation:** Experts on the Northern Sea Route, shipping and Logistics Companies, port authorities, and Research Institutions from Korea and Abroad
- Title :** Pioneering the Arctic Shipping Route: Current Issues and South Korea's Response
- Language :** Korean–English simultaneous interpretation available

Time		Contents
09:00~09:10	10	<ul style="list-style-type: none"> <li>▪ Opening Ceremony : Opening Remarks, Congratulatory Remarks, and Group Photo</li> </ul>
09:10~09:40	30	<ul style="list-style-type: none"> <li>▪ [Session 1] Assessing Arctic Shipping Activities in 2025</li> <li>▪ Presentation 1           <ul style="list-style-type: none"> <li>• Kjell Stokvik Managing Director of CHNL, Norway</li> <li>- Topic: 2025 Evaluation of Arctic Shipping from a Transit Perspective Including Info of the Latest Traffic on NSR</li> </ul> </li> <li>▪ Presentation 2           <ul style="list-style-type: none"> <li>• Sungwon Hong, Director of IAL in Youngsan University, S. Korea</li> <li>- Topic: Operation assessment of Arctic Shipping Route in 2025: A Look at Transport and Infrastructure</li> </ul> </li> </ul>
09:40~10:25	45	<ul style="list-style-type: none"> <li>▪ [Session 2] Reviewing Current Issues in Arctic Shipping</li> <li>▪ Presentation 1           <ul style="list-style-type: none"> <li>• Daisuke Harada, Director General of JOGMEC, Japan</li> <li>- Topic: Reality of NSR Utilization: Aspects of Understanding Global Energy Landscape at Present and Challenges Ahead</li> </ul> </li> <li>▪ Presentation 2           <ul style="list-style-type: none"> <li>• Feng Chen, University of Jinan, China (Online)</li> <li>- Topic: Changing &amp; No Changing in Arctic Shipping</li> </ul> </li> <li>▪ Presentation 3           <ul style="list-style-type: none"> <li>• Lena Holm Saxtoft, Vice President and Head of Claims of Skuld Copenhagen, Denmark(Online)</li> <li>- Topic: Arctic - Shipping and Insurance Aspects</li> </ul> </li> </ul>
10:25~10:40	15	<ul style="list-style-type: none"> <li>▪ Break</li> </ul>
10:40~11:20	40	<ul style="list-style-type: none"> <li>▪ [Session 3] South Korea's Response</li> <li>▪ Presentation 1           <ul style="list-style-type: none"> <li>• Bjorn Gunnarsson, Professor of Nord University, Norway</li> <li>- Topic: Hub Ports of the NSR and the Role of Korean Ports</li> </ul> </li> <li>▪ Presentation 2           <ul style="list-style-type: none"> <li>• Youngdoo Jung, General Manager, Korea Ocean Business Corporation, S. Korea</li> <li>- Topic: KOBC Arctic Route Commercial Navigation Comprehensive Support Plan</li> </ul> </li> <li>▪ Presentation 3           <ul style="list-style-type: none"> <li>• Kyungduk Park, Senior researcher, HD HYUNDAI HEAVY INDUSTRIES CO., LTD., S. Korea</li> <li>- Topic: Arctic Projects and R&amp;D Activities of HD HYUNDAI HEAVY INDUSTRIES</li> </ul> </li> </ul>
11:20~12:00	40	<ul style="list-style-type: none"> <li>▪ Discussion : (KMOU) MOF, Busan Metropolitan City, BPA, Pan Ocean, KMI, Taewoong Logistics</li> </ul>



# Day2 Economy & Industry

## Pohang Yeongilman Port, Engaging with the Arctic

- Date/Venue:** December 11<sup>th</sup> (Thu), 13:00-15:00 / Hall 5A
- Host/Organizer:** Gyeongsangbuk-do/Pohang City
- Main Participants:** The Governor of Gyeongsangbuk-do, The Deputy Mayor of Pohang City, The Chairperson of the Pohang City Council, President of Korea Maritime & Ocean University, Secretary General of the Arctic Economic Council, Arctic-related experts and companies, etc.
- Theme:** Eco-Friendly Maritime City and Arctic Sustainability: Pohang's Strategic Role
- Language:** Korean-English simultaneous interpretation available

Time	Content	Remarks
12:30~13:00	30 ▪ Registration	
13:00~13:25	25 ▪ Introduction of Guests and Welcome Remarks ▪ MOU Signing	<p><b>Session 1 : Opening Ceremony and MOU Signing</b> * Simultaneous Interpretation (Korean-English)</p> <p>&lt;Video Message&gt;</p> <ul style="list-style-type: none"> <li>Opening Address : Lee Kang-deok, Mayor of Pohang City</li> <li>Welcome Address : Lee Cheol-woo, Governor of Gyeongsangbuk-do</li> <li>Congratulatory Address : Aviaaja Karlshøj Knudsen, Chair of the Arctic Economic Council</li> <li>Congratulatory Address : Lars Kullerud, Chair of the University of the Arctic (UArctic)</li> </ul> <p>▪ Signing of the MOU with the Arctic Economic Council (AEC)</p>
13:25~13:45	20 ▪ Keynote Speech	<p><b>Session 2 : Keynote Speech and Thematic Presentations</b> * Simultaneous Interpretation (Korean-English)</p> <ul style="list-style-type: none"> <li>Ryu Donggeun, President of Korea Maritime &amp; Ocean University - Sustainable Development Challenges for Pohang Yeongilman Port and Arctic City Cooperation</li> </ul>
13:45~14:00	15 ▪ Thematic Presentations	<ul style="list-style-type: none"> <li>Mads Qvist Frederiksen, Arctic Economic Council, Secretary General - The Arctic Shipping Route and Strategies for Expanding Arctic Business</li> </ul>
14:00~14:15	15 ▪ Thematic Presentations	<ul style="list-style-type: none"> <li>Guo Peiqing, Ocean University of China, Professor - China-Korea Arctic Relations and Future Directions</li> </ul>
14:15~15:00	45 ▪ Panel Discussion and Q&A	<p><b>Session 3 : Panel Discussion and Q&amp;A</b> * Simultaneous Interpretation (Korean-English)</p> <ul style="list-style-type: none"> <li>Topic: Sustainable Development Challenges for Pohang Yeongilman Port and Arctic City Cooperation - Chair: Inhyun Kim, Korea University, Professor Emeritus</li> </ul> <p><b>Panel Discussion</b></p> <ul style="list-style-type: none"> <li>1) Mads Qvist Frederiksen, Arctic Economic Council, Secretary General</li> <li>2) Guo Peiqing, Ocean University of China, Professor</li> <li>3) Kyungtae Kim, POSTECH, Professor</li> <li>4) Heeyong Lee, Yeungnam University, Professor</li> <li>5) Raehyung Kwon, Posco Flow, Leader</li> </ul>
15:00	- ▪ Closing	



## Day2 Economy & Industry

### Arctic Shipping Route: New Challenges and Tasks

- Date/Venue:** December 11<sup>th</sup> (Thu), 15:30~17:30 / Hall 5A
- Host/Organizer:** Ministry of Oceans and Fisheries /  
Korea Research Institute of Ships & Ocean Engineering(KRISO),  
Sejong University, Korean Register of Shipping
- Title :** Arctic Shipping Route: New Challenges and Tasks
- Language :** Korean–English simultaneous interpretation available

Time		Content	Remarks
15:30-15:50	~20	• Future Prospects for the Northern Sea Route from the Shipbuilding Industry	• Paul Barrett, Davie CCO
15:50-16:05	~15	• Development of Arctic Vessels	• Jaewoo Ahn, Hanwha Ocean Principal Researcher
16:05-16:20	~15	• Whitepaper: Icebreaker Crew Training and Simulation Framework	• Jungyong Wang, NRC-OCRE Senior Research Officer
16:20-16:35	~15	• Introduction to the Eco-Friendly Icebreaking Container Ship Development Project	• Seongyeob Jeong, KRISO Principal Researcher
16:35-16:50	~15	• Research and Development for Arctic Shipping Technology	• Taylor Rocky, Memorial University Associate Professor
16:50-17:05	~15	• Q&A	
17:05-17:20	~15	• Introduction to Research on the Algorithm for the Autonomous Cluster Operation of Icebreaking and Ice-Strengthened Ships in the Arctic Shipping Route	• Yeongseo Park, AI Robot Department of Sejong University, Researcher
17:20-17:35	~15	• Introduction to Research Methods for Ice-Strengthened Ships with Carbon-Free Propulsion in the Arctic Shipping Route	• Changje Park, Department of Nuclear Engineering of Sejong University, Associate Professor
17:35-17:50	~15	• OPEX evaluation of Arctic route	• Seungoh Han, Department of Business Administration of Sejong University, Assistant Professor
17:50-18:00	~10	• Q&A	



## Day2 Economy & Industry

### Korea-Arctic Blue Economy Cooperation Seminar

- Date/Venue:** December 11<sup>th</sup> (Thu), 13:00~15:30 / Room 321+322
- Host/Organizer:** Korea Maritime Institute, Arctic Economic Council, Nord University, Korea International Trade Association(KITA)
- Expected Participants:** Shipper enterprises and shipbuilding industry in Korea and Arctic region
- Language :** Korean–English simultaneous interpretation available

Time		Content	Remarks
13:00-13:10	10	• Opening session	<ul style="list-style-type: none"><li>• Host: Jeewon Yoo, Korea Maritime Institute, Researcher</li><li>• Opening Remarks: Mads Qvist Frederiksen, Arctic Economic Council(AEC), Executive director</li></ul>
13:10-13:55	45	• Session 1 : Arctic Blue Economy	<ul style="list-style-type: none"><li>• (Kor) Juhyun Kim, Korea Maritime Institute, Director<ul style="list-style-type: none"><li>- Topic: Cooperation Strategies for the Korea–Arctic Blue Economy</li></ul></li><li>• (Arctic) Andreas Rasputnik, Nord University, Professor<ul style="list-style-type: none"><li>- Topic: Opportunities, Challenges and the Prospects for Korea-Nordic Cooperation</li></ul></li><li>• (Arctic) Lasse Honoré, Danish Industry, Managing Director in Korea<ul style="list-style-type: none"><li>- Topic: The Faroe Islands – sustainable fishing in the Arctic Sea</li></ul></li><li>• Q&amp;A</li></ul>
13:55-14:10	15	Break Time	
14:10-14:20	10	Break Time	
14:20-15:05	45	• Session 2 : Northern Sea Route and Emerging Maritime Technologies	<ul style="list-style-type: none"><li>• (Kor) Sungwook Yoon, Korea International Trade Association(KITA), Shippers &amp; Logistics Service Department, Maritime Logistics Specialist<ul style="list-style-type: none"><li>- Topic: Preliminary Tasks for the Commercialization of the Northern Sea Route and Win-Win Strategies for Shippers and Shipowners</li></ul></li><li>• (Arctic) Aki Johansen, Representation of the Faroe Islands in Beijing, Head of Representation<ul style="list-style-type: none"><li>- Topic: Green and Blue Energy in the Faroe Islands: Opportunities for Collaboration</li></ul></li><li>• (Arctic) Damien Pereira, the Quebec government representative in Korea<ul style="list-style-type: none"><li>- Topic: Québec and Korea: Partners for a Sustainable Blue Economy in the Arctic</li></ul></li><li>• Q&amp;A</li></ul>
15:05-15:20	15	Break Time	
15:20-15:30	10	• Closing the session (Host: KMI)	



# DAY 3

## Society • Culture

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함께한 10년, 지속가능한 북극의 길을 함께 열다

A Decade of Cooperation: Co-navigating a Sustainable Arctic Future



## Day3 Society & Culture

### 2025 Next-Generation Academic Seminar

- Date/Venue:** December 12<sup>th</sup> (Fri), 10:00~13:00 / Room 325+326
- Host/Organizer:** Graduate School of Logistics Incheon National University / Graduate School of Logistics Incheon National University & Korean-Siberian Center of Pai Chai University
- Title:** Reconceptualization of the Arctic Route

Time		Content	Remarks
10:00-10:20	20	<ul style="list-style-type: none"><li>▪ Opening Ceremony</li></ul>	<ul style="list-style-type: none"><li>• Opening Address: Jounghun Kim, Korean-Siberian Center of the Pai Chai Univ.</li><li>• Congratulatory Remarks: Hyoungchul Shin, Korea Polar Research Institute, President</li><li>• Photo Session</li></ul>
10:20-11:00	40	<ul style="list-style-type: none"><li>▪ Session 1 (For Succeeding Generation)</li></ul>	<ul style="list-style-type: none"><li>• Chair: Seunghyun Seo, Dongduk Women's Univ., Professor</li><li>• <b>Paper 1:</b> Evaluation of Airport Service Quality at Yakutsk Airport: Focusing on Passengers' Expectations - Isakova Biraia, Incheon Univ.</li><li>• <b>Paper 2:</b> An Analysis of Research Trend of Sakha Transport - Abdykalikova Damira, Incheon Univ.</li></ul>
11:00-12:00	60	<ul style="list-style-type: none"><li>▪ Session 2 (For Early-Career Researchers)</li></ul>	<ul style="list-style-type: none"><li>• Chair: Jaehyuk Yi, Pai Chai Univ, Professor</li><li>• <b>Paper 3:</b> A Study on Maritime Logistics, and Policy Strategies for the Commercialization of the Northern Sea Route - Youngseo Choi, Graduate School of Logistics Incheon Univ., Ph.D.</li><li>• <b>Discussant 3:</b> Chanhyun Park, Asia-Pacific Research Center Hanyang Univ., Research Professor</li><li>• <b>Paper 4:</b> Study on the Policies of Korea, China, and Japan for the Activation of the Arctic Shipping Route - Youngjun Baek, Korean-Siberian Center Pai Chai Univ., Researcher</li><li>• <b>Discussant 4:</b> Youngmin Yoon, Asia-Pacific Research Center Hanyang Univ., Research Professor</li></ul>
12:00-13:00	60		Lunch (Lunch Box)



## Day3 Society & Culture

### Arctic Humanities & Social Sciences Seminar

- Date/Venue:** December 12<sup>th</sup> (Fri), 13:00~15:00 / Room 325+326
- Host/Organizer:** Korean-Siberian Center of Pai Chai University / Korean-Siberian Center of Pai Chai University & Graduate School of Logistics, Incheon National University
- Title:** Rediscovery of the Arctic Space

Time		Content	Remarks
13:00-14:00	~60	• Session 1	<ul style="list-style-type: none"><li>Chair: Byunghwan Yae, Arctic Research Association</li><li>Paper 1: Songwoong Kwak, Pai Chai Univ.</li><li>Discussant 1: Baeseong Choi, Hanyang Univ.</li><li>Paper 2: Song Lee, Graduate School of International and Area Studies of Hankuk Univ. of Foreign Studies</li><li>Discussant 2: Yongtek Ke, Russia Research</li></ul>
14:00-14:50	~50	• Session 2 (Roundtable)	<ul style="list-style-type: none"><li>Chair: Subeom Choi, Korea Arctic Shipping Association(KASA), Secretary-General</li><li>Participant 1: Hyunkyo Seo, Korea Polar Research Institute, Ph.D.</li><li>Participant 2: Minsu Kim, Korea Maritime Institute, Deputy President</li><li>Participant 3: Jongman Han, Pai Chai Univ., Professor Emeritus</li><li>Participant 4: Seongyeob Jeong, Korea Research Institute of Ships &amp; Ocean Engineering, Principal Researcher</li><li>Participant 5: Jounghun Kim, Korean-Siberian Center of the Pai Chai Univ., Director</li><li>Participant 6: Mikyoung Ra, Seowon Univ., Professor</li></ul>
14:50-15:00	~10	• Closing Ceremony	<ul style="list-style-type: none"><li>Closing Address: Jounghun Kim, Korean-Siberian Center of the Pai Chai Univ., Director</li></ul>



## Day3 Society & Culture

### Encounter with the Arctic

- **Time/Venue:** December 12<sup>th</sup> (Fri), 12:30~13:20 / Room 323
- **Host/Organizer:** Korea Maritime Institute
- **Participation:** Saewoong Ju, Citizen

Time		Content	Remarks
12:30-12:35	~5	• Opening and introduction of speakers	• KMI
12:35-13:10	~35	• Inuit Art and Performance from Kinngait (Arctic Canada)	• Saewoong Ju (Boogtam)
13:10-13:20	~10	• Q&A	

### Polar Experience Felt by the Five Senses

- **Time/Venue:** December 12<sup>th</sup> (Fri), 10:00~12:00 / Room 321+322
  - \* 1st Session: 10:00~10:50, 2nd Session: 11:00~12:00 (Same content)
- **Host/Organizer:** Korea National Ocean Science Museum
- **Theme:**
  - Interesting Polar Natural Phenomena Explained by a Science Communicator
  - An overview of career paths and opportunities in the field of ocean science

Time		Content	Remarks
10:00-10:50	~50	• Talk Concert with Science Communicator <ul style="list-style-type: none"> <li>- Interesting Polar Natural Phenomena</li> <li>- Career Education</li> </ul>	• Soondo Hur, Korea Polar Research Institute • MC: Bomsok Lee, Korea National Ocean Science Museum, Senior researcher
11:00-11:50	~50	• Talk Concert with Science Communicator <ul style="list-style-type: none"> <li>- Interesting Polar Natural Phenomena</li> <li>- Career Education</li> </ul>	• Soondo Hur, Korea Polar Research Institute • MC: Bomsok Lee, Korea National Ocean Science Museum, Senior researcher



## Day3 Society & Culture

### B · Youth Arctic Leadership Presentation Challenge

- **Time/Venue:** December 12<sup>th</sup> (Fri), 14:00~15:30 / Room 323
- **Host/Organizer:** Busan Metropolitan City
- **Title :** “ From Busan to the Arctic: Youth Charting New Maritime Pathways ”  
Youth Arctic Presentation & Side Events

Time		Content	Remarks
14:00~14:10	10	▪ Opening Ceremony	• Busan Metropolitan City
14:10~14:20	10	▪ 「Busan as a Hub for the Northern Sea Route」 Presentation	• TBD
14:20~15:10	50	▪ PPT Presentations	• Youth Presenters
15:10~15:20	10	▪ Youth Polar vision Kickoff	• Alumni of the Busan Youth Polar Exploration Program and Others
15:20~15:30	10	▪ Awards, Group Photo & Closing	• Busan Metropolitan City



## Day3 Society & Culture

### KoARC Seminar

- Date/Venue : December 12<sup>th</sup> (Fri), 10:30~12:00 / Room 323
- Host/Organizer: Korea Arctic Research Consortium (KoARC)
- Theme : Arctic Trends from the Polar Issue Report 2025

Time		Content	Remarks
10:30-10:35	~5	▪ Opening and Welcome Address	<ul style="list-style-type: none"><li>• MC: Jihoon Jeong, Secretary General, KoARC</li><li>• Hyoung Chul Shin, KOPRI President; Chair, Executive Committee of KoARC</li></ul>
10:35-10:40	~5	▪ Group photo	-
10:40-10:55	~15	▪ Keynote Speeches	<ul style="list-style-type: none"><li>• Jungyong Wang, Senior Research Officer, National Research Council Canada</li><li>• Henry Huntington, Director, Arctic Science, Ocean Conservancy</li></ul>
10:55-11:35	~40	▪ Presentations: Arctic Trends 2025	<ul style="list-style-type: none"><li>• Emilia Kyung Jin, Director, Department of Policy &amp; Partnership, KOPRI</li><li>• Wooik Choi, Director, Institute of Russian Studies, HUFS</li><li>• Jong-Man Han, Professor Emeritus, Pai Chai University</li><li>• Jae-Woo Ahn, Principal Research Engineer, Hanwha Ocean</li><li>• Seungyeon Jang, Ph.D. Student, University of Science and Technology</li></ul>
11:35-11:55	~20	▪ Panel Discussion and Q&A	<ul style="list-style-type: none"><li>• MC: Jihoon Jeong</li><li>• Emilia Kyung Jin</li><li>• Wooik Choi</li><li>• Jong-Man Han</li><li>• Jae-Woo Ahn</li><li>• Seungyeon Jang</li></ul>
11:55-12:00	~5	▪ Closing	-



## Day3 Society & Culture

### Arctic Youth Session

- Date/Venue:** December 12<sup>th</sup> (Fri) 13:00~14:30 / Room 321+322
- Host/Organizer :** Ministry of Oceans and Fisheries / Korea Maritime Institute
- Title :** Dialogue with the Next Generation: Arctic Futures and Global Responsibility(Talk-concert)

Time		Content	Remarks
13:00-13:05	5	<ul style="list-style-type: none"> <li><b>Opening &amp; Introduction</b></li> </ul>	<ul style="list-style-type: none"> <li>Jiyeong Kim, Korea Maritime Institute, Senior researcher</li> </ul>
13:05-13:40	35	<ul style="list-style-type: none"> <li><b>Agenda 1: "Climate Change and the Future of the Arctic"</b></li> <li><b>Presentation: Arctic Climate Change: Impacts on Communities and Industry</b></li> </ul>	<ul style="list-style-type: none"> <li>Chair: Bongchul Kim, Polar Research Center in HUFS, Director</li> </ul>
		<ul style="list-style-type: none"> <li><b>Panel Discussion and Q&amp;A</b></li> </ul>	<ul style="list-style-type: none"> <li>Jung Hyun Park, Pukyong National university, MOF Polar Scholar</li> <li>Andreas Raspotnik, Nord University Business school, Director</li> <li>Henry Huntington, Ocean Conservancy, Director of Arctic Science</li> <li>Jim Gamble, Pacific Environment, Senior Director of Arctic Program</li> </ul>
13:40-14:10	30	<ul style="list-style-type: none"> <li><b>Agenda 2: "Sustainable Development and Next Generation Cooperation"</b></li> <li><b>Presentation: New Directions for Next-Generation Researchers and International Cooperation</b></li> </ul>	<ul style="list-style-type: none"> <li>Chair: Bongchul Kim, Polar Research Center in HUFS, Director</li> </ul>
		<ul style="list-style-type: none"> <li><b>Panel Discussion and Q&amp;A</b></li> </ul>	<ul style="list-style-type: none"> <li>Yeo-Eun Yun, Seoul National University, MOF Polar Scholar</li> <li>Andreas Raspotnik, Nord University Business school, Director</li> <li>Henry Huntington, Ocean Conservancy, Director of Arctic Science</li> <li>Jim Gamble, Pacific Environment, Senior Director of Arctic Program</li> </ul>
14:10-14:25	15	<ul style="list-style-type: none"> <li><b>Open Dialogue with the Audience</b></li> </ul>	<ul style="list-style-type: none"> <li>Audience Q&amp;A (pre-submitted and live questions)</li> </ul>
14:25-14:30	5	<ul style="list-style-type: none"> <li><b>Closing</b></li> </ul>	<ul style="list-style-type: none"> <li>Jiyeong Kim, Korea Maritime Institute, Senior researcher</li> </ul>



## Day3 Society & Culture

### KoNAC & Expert Seminar

- Date/Venue** December 12<sup>th</sup> (Fri) 16:30~18:00 / Room 325+326
- Host/Organizer:** MOF/Korea Maritime Institute
- Participation:** MOF, KoNAC, PAME Experts
- Language:** Korean–English simultaneous interpretation available

Time	Content	Remarks
16:30-16:35	`5 ▪ Opening and Introduction of Participants	• Yena Park, Korea Maritime Institute, Senior researcher
16:35-16:55	`20 ▪ AMAP Working Group Projects and the Role of Observers	• Andreas Raspotnik, Nord University, Professor
16:55-17:00	`5 ▪ Venue arrangement	
17:00-17:30	`30 ▪ KoNAC Working Group Expert Roundtable - Key Issues for the 2025 Working Group	• Moderator: Minsu Kim, Korea Maritime Institute, Deputy President • Discussants: Representatives from each Working Group
17:30-18:00	`30 ▪ Open Discussion	• All Participants



## Day3 Society & Culture

### Seminar on Arctic Research (Opportunities and Human)

- **Date/Venue:** December 12<sup>th</sup> (Fri), 16:00-17:30 / Room 323
- **Host/Organizer:** Institute of Russian Studies (HUFS),  
Polar Research Center (HUFS),  
KOREA-SAKHA Association
- **Title :** Environment and Human in the Arctic  
(Approach by Humanities and Social Science)

Time		Content	Remarks
16:00~16:10	~10	▪ Opening and Introduction	• Wooik Choi, Institute of Russian Studies of HUFS, Director
16:10~16:35	~25	▪ Presentation 1: An Analysis of the Trump Administration's Assertive Behavior in Arctic Politics	• Danbi Kim, UN Association of the ROK, Deputy Director
		▪ Panel Discussion and Q&A	• Bongchul Kim, Director of Polar Research Center in HUFS
16:35~17:00	~25	▪ Presentation 2: The Drama of Conquest: Contemporary Russian Cinema and the Visual Images of the Arctic	• Seungdo Ra, Institute of Russian Studies in HUFS, Professor
		▪ Panel Discussion and Q&A	• Hyejin Kim, Institute of Russian Studies in HUFS, Professor
17:00~17:25	~25	▪ Presentation 3: A Study on the possibility of using the Northwest Passage(Canada)	• Hyuk Jeong, Polar Research Center in HUFS, Senior Researcher
		▪ Panel Discussion and Q&A	• Seonrae Kim, Institute of Russian Studies in HUFS, Professor
17:25~17:30	~5	▪ Closing	• All attendees of the Panel

# Interaction

## Program Booth

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함께한 10년, 지속가능한 북극의 길을 함께 열다

A Decade of Cooperation: Co-navigating a Sustainable Arctic Future





# Interaction Program Booth

## [ Polar Photo Exhibition ]

A total of 25 photos including the meeting of starlight and aurora



Arctic Ice Wall  
(by Park Soo-hyun / Longyearbyen, Svalbard)



Arctic Ice Wall  
(by Park Soo-hyun / Longyearbyen, Svalbard)

## [ Arctic Sea Experience Booth ]



ARAON Icebreaker  
Navigation Simulator



Ocean-Themed Hat Crafting



Polar Plankton Observation



Polar Educational Kits Display



[Q] 북극점에는 흙이 전혀 없고 물과 얼음만

있다.

정답

O

해설

북극은 바닷물이 얼어 생긴 곳으로 남극과 달리 땅이 없다.

Polar OX Quiz



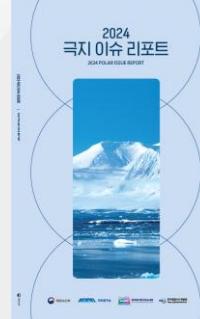
# Interaction Program Booth

## [ Polar Issue Report Booth ]

Promotion of the annually published 'Polar Issues Report'



Polar Issue Report Booth



2025 Polar Issue Report



DIY Climate Stripes Bracelet Experience

## [ Arctic four cut photo booth ]

Take a photo with a polar bear in the "Arctic 4-cut photo" event booth





# Interaction Program Booth

## [APW Photo Zone] Photo zone commemorating the Arctic Partnership Week



## [Arctic Playground] DIY projects on Arctic topics



2025 Arctic Playground – Pouch Making



# Interaction Program Booth

## [ Arctic Exploration Quest ]

Gifts (calligraphy scrolls) for visiting two Arctic Cooperation Week Sessions and three booths

북극협력주간을  
더 재미있게!  
스탬프 투어에  
참여해보세요!

Make APW even more fun!  
Join our Stamp Tour!

2025 북극협력주간  
Arctic Cooperation Week

10th Anniversary

스탬프 투어  
STAMP TOUR

세션 2개 및 체험부스 3개 체험 시  
캘리그라피를 선물로 드립니다!  
Collect stamps from 2 sessions and 3 experience booths  
to receive a calligraphy scroll.  
(Limited to the first 60 participants per day / 선착순 하루 60명 증정)

## [ Arctic Care Supporters ]

Purpose : To raise awareness of Arctic environmental protection among future generations by operating the 5th KMI "Kare the Arctic" University Student Supporters program

제5기  
북극케어 대학생 서포터즈 모집

KARE THE ARCTIC

"북극을 위한 우리의 약속"  
Save the Arctic, One Action at a Time

2024 북극협력주간  
Arctic Cooperation Week

북극케어 서포터즈



# Interaction Program Booth

## Polar Film Mini Screening Event

- Screening of Films and Documentaries Set in the Arctic and the Arctic Circle

### Polar Mini Film Screening Schedule

10 (Wed) / Room 323 / 15:00~16:30	11 (Thu) / Room 321+322 / 16:30~17:30
15:00 ~ 16:30	<b>The winds of the milky way</b> (Subtitles: Korean)

### Movie : The winds of milky way 1977 \*Subtitles (Korean) provided



Running time : 53 minutes and 50 seconds

Director : Lisanne Niemi

Synopsis :

This film is set amidst the vast and majestic landscapes of the Arctic, portraying the story of a young Indigenous protagonist who lives according to the wisdom and traditions passed down through generations. As the protagonist grows, they learn and embody the teachings of their community, which assign profound meaning to the cycles of nature and the celestial world.

### The waterfowl people 1983 \*Subtitles (English) provided

Running time : 55 minutes

Director : Anne Makepeace

Synopsis :

This film tells the story of a protagonist growing up as a member of an Arctic Indigenous community, learning from an early age about the vital role waterfowl play in their survival and spiritual beliefs.





# Conference Room Information

## Conference Room



## Day 1 | Policy · Science

### HALL 5A

09:30~11:00 Opening Ceremony  
11:20~12:00 APW 10th Anniversary Event  
14:00~15:10 Arctic Policy Forum  
16:00~17:30 International Arctic Science Cooperation Seminar

### 321+322

13:00~14:20 Polar Commentator Conference  
15:00~16:40 Observer Seminar

### 323

10:55~11:20 MOU Ceremony  
13:00~14:00 Polar, People and Doctor  
15:00~15:30 Kare the Arctic Supporters  
15:30~16:30 Polar Film Mini Screening(1)

## Day 2 | Economy · Industry

### HALL 5A

09:00~12:00 The 14th International Arctic Shipping Seminar  
13:00~15:00 Pohang Yeongilman Port, Engaging with the Arctic  
15:30~17:30 Arctic Shipping Route

### 321+322

13:00~15:30 Korea-Arctic Blue Economy Cooperation Seminar  
16:30~17:30 Polar Film Mini Screening(2)

## Day 3 | Society · Culture

### 321+322

10:00~11:00 Polar Experience Felt by the Five Senses (1)  
11:00~12:00 Polar Experience Felt by the Five Senses (2)  
13:00~14:30 Arctic Youth Session  
15:00~16:00 SATA 2.1 Seminar

### 323

10:30~12:00 KoARC Seminar  
12:30~13:20 Encounter with the Arctic  
14:00~15:30 B-Youth Arctic Leadership Presentation Challenge  
16:00~17:30 Seminar on Arctic Research (Opportunities and Human)

### 323+326

10:00~12:00 Next-Generation Academic Seminar  
13:00~15:00 Arctic Humanities & Social Sciences Seminar  
16:30~18:00 KoNAC & Expert Seminar