

第七届中国-北欧北极合作研讨会

主题： 北极渔业、冰上丝绸之路和可持续发展实践

7th China – Nordic Arctic Cooperation Symposium

**Symposium Theme: Arctic Fisheries, Polar Silk Road, and Sustainable
Development Practices**

Back-to-back with the Arctic Circle China Forum (10-11 May, 2019)

Convener: Shanghai Ocean University (SHOU)

Co-convener: Polar Research Institute of China (PRIC)

Event by China-Nordic Arctic Research Center (CNARC)

Shanghai, China

May 7-9, 2019

重要信息 Important information

会议地点：上海浦东沪城环路 999 号，上海海洋大学，图文信息中心 1 楼

Meeting venue: 1st floor, Library Building, Shanghai Ocean University (SHOU), 999 Hucheng Huan Road, Pudong, Shanghai

Please take me to Library Building, Shanghai Ocean University (SHOU), 999 Hucheng Huan Road, Pudong, Shanghai. Thank you!
请送我到：上海市浦东新区临港新城，沪城环路 999 号，上海海洋大学，图文信息中心，谢谢！

SHOU and hotel location



Crowne Plaza – SHOU: 5.5 km (1 hour walk); Vienna – SHOU: 3.7 km (45 min walk)

Meeting venue and lunch location in SHOU



Library - Meeting venue Hai Tian Lou - lunch

SYMPOSIUM AGENDA

Tuesday, 7th May 2019

- **10:00-18:00 Registration**

Location:

Lobby, Crowne Plaza Shanghai Harbour City, No.1 South Island, Harbour City, Pudong, Shanghai

上海滴水湖皇冠假日酒店, 上海浦东新区临港新城南岛 1 号

Lobby, Vienna International Hotel (Shanghai Dishuihu Ocean Park Shop), 22 Carnation Road, Pudong, Shanghai (Offshore Harbour Avenue)

维也纳国际酒店(上海滴水湖海洋公园店), 上海浦东新区临港新城康乃馨路 22 号

- **15:00 Transport from Vienna International Hotel to Crowne Plaza Shanghai Harbour (by invitation only)**
- **15:30-16:50 Assembly of Member Institutes of CNARC (by invitation only)**
Location: Marseilles Hall, Crowne Plaza Shanghai Harbour City
- **17:00-18:00 3rd CNARC Executive Committee Meeting (by invitation only)**
Location: Marseilles Hall, Crowne Plaza Shanghai Harbour City
- **17:40 Transport from Vienna International Hotel to Crowne Plaza Shanghai Harbour**
- **18:00-20:00 Welcome Reception**
Location: Grand Ballroom I, Crowne Plaza Shanghai Harbour City

Wednesday, 8th May 2019

Opening Session

Location: Shanghai Ocean University (Room 104, Library Building)

Address: 999 Hucheng Huan Road, Pudong, Shanghai

上海浦东沪城环路 999 号, 上海海洋大学, 图文信息中心 1 楼 104 会议室

- **08:20 Transport to Shanghai Ocean University from hotels**
- **08:40-09:00 Registration**

- **09:00-10:00 Opening**

Chairs: Arild Moe, FNI, and Jian Yang, SIIS

- **Huigen Yang**, Director of the China-Nordic Arctic Research Center
 - **Yudong Cheng**, President of Shanghai Ocean University
 - **Danhong Chen**, Deputy Director, China's Arctic and Antarctic Administration
 - **Martin Bech**, Consul for Higher Education and Science & Innovation Attaché, Consulate General of Denmark
 - **Guðjón S. Brjánnsson**, 1st Vice President of the West Nordic Council
 - **Nalân Koç**, Deputy Director of the Norwegian Polar Institute
 - *MoU signing ceremony between Shanghai Ocean University and the University of Akureyri*
- **10:00-10:30 Group Photo & Coffee Break**
 - **10:30-12:00 Keynote Presentations (Room 104, Library Building)**

Chairs: Leilei Zou, SHOU and Eyjólfur Guðmundsson, University of Akureyri

- **Liangbiao Chen**, Shanghai Ocean University: “*Genomic basis of an adaptive radiation in the freezing Southern Ocean revealed by two fish genomes*”
 - **Thorsteinn Gunnarsson**, Icelandic Centre for Research & SAON: “*Designing a Pan-Arctic Observing System for Sustainable Development: Common response by the Arctic and Asian countries in view of the Priorities of Iceland's Arctic Council Chairmanship*”
 - **Xian Yao Chen**, Ocean University of China: “*The Arctic Multidecadal Variability: Trend or Oscillation?*”
 - **Lassi Heininen**, INAR/University of Helsinki & IIASA and **Jian Yang**, SIIS: “*Sino-Nordic Arctic Cooperation: Objectives and Approaches*” CNARC book project and the outcomes of Finland's Arctic Council Chairmanship
- **12:00-13:00 Lunch**
Location: Hai Tian Lou, 2nd Canteen, Shanghai Ocean University

Thematic Sessions

- **13:00-14:30 Session I – Polar Silk Road: Vision, Progress and Outlook**

Location: Room 104, Library Building

The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 20 minutes given for questions and discussions at the end of each period.

Name	Institute	Presentation Title
Liping Xia	Tongji University	Polar Silk Road and Arctic Sea Routes Navigation Governance
Halldor Johannsson	Arctic Portal	The future of Arctic Shipping – Is there a business case? Who will drive it?
Arild Moe	Fridtjof Nansen Institute	The prospects of liquefied natural gas from the Arctic and its significance for China
Huiyu Zhao	KoGuan Law School Shanghai Jiao Tong University	China's "Ice Silk Road" Construction and Arctic Environmental governance and Protection policies.
Maixiu Hu	Shanghai Ocean University	Challenges and Strategic advantages of constructing the Polar Silk Road based on Northeast Arctic Waterway
Chuanxing Wang	Tongji University	Contested Multilateralism and China's Engagement Strategy in the Arctic Affairs

- **14:30-14:50 Coffee break**

- **14:50-16:20 Session I – Polar Silk Road: Vision, Progress and Outlook (parallel sessions)**

Location: Room 104, Library Building

The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 20 minutes given for questions and discussions at the end of each period.

Name	Institute	Presentation Title
Nalân Koç; Arild Sundfjord; Angelika H. H. Renner; Laura Crews	Norwegian Polar Institute & Institute of Marine Research	Warm water and reduced sea-ice cover over the continental slope in the Nansen Basin
Tianming Gao & Vasilii Erokhin	Harbin Engineering University	China-Russia Collaboration in Shipbuilding and Marine Equipment for Better Navigability of the Polar Silk Routes
Bjørn Gunnarsson	Centre for High North Logistics	Ship Traffic Analysis on the Northern Sea Route 2016-2018
Jiayu Bai & Weiwei Feng	Ocean University of China	Sino-Russian Arctic Cooperation Based on the New Model of Major-Country Relations: From the Polar Silk Road to the Blue Partnership
Hua Xu	China Waterborne	The Economic Feasibility of the Northern Sea Route for

	Transport Research Institute	Tankers and Bulkiers: Focusing on the Icebreaking Tariffs
Yujing Wang & Beibei Liu	Harbin Engineering University	Influence on China-West European trade by Northeast Channel of Arctic

- **16:20-16:30 Coffee break**
- **16:30-18:00 Session I – Polar Silk Road: Vision, Progress and Outlook (parallel sessions)**

Location: Room 104, Library Building

The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 30 minutes given for questions and discussions at the end of each period.

Name	Institute	Presentation Title
Kamrul Hossain	Northern Institute for Environmental and Minority Law, Arctic Centre at the University of Lapland	Infrastructure development and greater connectivity and digital advancement along the Arctic coast: opportunities and challenges
Xiuhua Zhang, Davydova Svetlana, Susova Varvara	Harbin Engineering University	Study on the Benefits and Risks of China's Participation in Arctic Passage Construction
Mikaa Mered	ILERI school of international Relations	China in the Arctic as a Global Energy Transition Enabler: Rare Earths, Hydrogen and Green Energy Infrastructure
Jialin Han	Dalian Maritime University	Research on Governance of HFO Used and Carried on Board Ships after the Entry into Force of Polar Code
Zhengliang Cao & Wen Zhang	Shanghai Ocean University	Study on Educational Resources from “Polar Silk Road”
Berta Morata	Luleå University of Technology	Arctic Urbanization along the Polar Silk Road. A framework

- **14:50-16:20 Session II – Arctic Fisheries (parallel sessions)**

Location: Room 102, Library Building

The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 20 minutes given for questions and discussions at the end of each period.

Name	Institute	Presentation Title
Leilei Zou	Shanghai Ocean University	Retrospect and Prospect of CAO Fisheries Management
Steingrímur Jónsson	University of Akureyri	Quantifying global warming and natural variability signals in the ocean around Iceland for sustainable

		decision making
Xiaolin Chu	Shanghai Ocean University	Challenges of the conservation and management of the fishery resources in Central Arctic Ocean
Yajie Liu & Vicky Lam	UiT the Arctic University of Norway & University of British Columbia	Economic impacts of climate change on marine fisheries in the Arctic
Frode Nilssen & Valeria Nyu	Nord University Business School	Institutional change, and changing trade patterns Between pragmatic and symbolic behaviour
Fang Fang & Anne Lise Kappel	Ilisimatusarfik – The University of Greenland	From the Middle Kingdom to the Heart of Arctic: - a case study of Chinese workers in Maniitsoq fish factory

- **16:20-16:30 Coffee break**

- **16:30-18:00 Session II – Arctic Fisheries (parallel sessions)**

Location: Room 102, Library Building

The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 30 minutes given for questions and discussions at the end of each period

Name	Institute	Presentation Title
Sabrina Hasan	Xiamen University	A new legal regime for Arctic Ocean governance under the umbrella of BBNJ: An analysis on the conservation and sustainable development of Arctic Marine Biodiversity
Godfred Sowah Khartey	Xiamen University	Clash of Approaches in the Context of Area-Based Management Tools (ABMTs) Including Marine Protected Areas (MPAs): The Precautionary Approach Vs. Scientific Approach - Which Should Prevail? The Case of the Arctic
Yuxin Ma et al.	Shanghai Ocean University	Deposition, sedimentation and accumulation of polycyclic aromatic hydrocarbons in the Arctic Ocean
Beibei Wei et al.	Shanghai Ocean University	Histological observation of gonads for Walleye Pollock in the western Bering Sea during summer
Kai Huang et al.	Shanghai Ocean University	Energy density of gonadal tissue for Walleye pollock <i>Gadus chalcogrammus</i> in the West Bering Sea

- **18:30-20:30 Symposium Dinner**

Location: Hai Tian Lou, 2nd Canteen, Shanghai Ocean University

Thursday, 9th May 2019

Thematic Sessions (continued)

- **08:10 Transport to Shanghai Ocean University from hotels**
- **08:30-10:00 Session III - China-Nordic Policy Synergies on Arctic Sustainable Development (parallel sessions)**
Location: Room 104, Library Building
The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 20 minutes given for questions and discussions at the end of each period.

Name	Institute	Presentation Title
Rasmus Gjedssø Bertelsen	UiT The Arctic University of Norway	Mutual learning between the small Nordic highly developed economies and the large Chinese developing economy: the Arctic case
Baozhi Cheng	Shanghai Institutes for International Studies	Co-Progressiveness of Arctic Governance and the Initiative of Polar Silk Road: From the Perspective of Normative Development
Egill Thor Nielsson	CNARC	China-Nordic Arctic Relations: Multilateral, Regional, and Bilateral Perspectives
Guðbjörg Ríkey Thoroddsen Hauksdóttir	University of Iceland	The Belt and Road Initiative's Effects on Small states
Han Liu	PRIC	Analyzing the policy practice of Finland's Arctic strategy and its latest development
Jenna Björk Guðmundsdóttir	Tsinghua/UniGe	"The Polar Silk Road" – The Arctic becomes a major player in geopolitical and economic development

- **08:30-10:00 Session III - China-Nordic Policy Synergies on Arctic Sustainable Development (parallel sessions)**
Location: Room 102, Library Building
The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 20 minutes given for questions and discussions at the end of each period.

Name	Institute	Presentation Title
Dan Liu	KoGuan Law School, Shanghai Jiao Tong University	The Notion of Indigenous Peoples under International Law and Its Implication for the Arctic Indigenous Rights: Asian Observers' Perspective
Margrét Cela	Centre for Arctic Studies, University of Iceland	UN SDGs and wellbeing in the Arctic UN SDGs and wellbeing in the Arctic

Jing Helmersson	Umeå University	A new research methodology for indigenous wellbeing study - Using system dynamics modelling to integrate mixed methods
Yang Li, Nianlin Zhou Lihua Wu, Di Chen, Haixia Xia, Xiaofang Liu	South China Business College, Guangdong University of Foreign Studies	Research on Tourist Economic Cooperation between China and Nordic Countries
Di Chen	South China Business College, Guangdong University of Foreign Studies	Study on the tourism potential of arctic countries and its influencing factors in China
Ying Luo	South China Business College, Guangdong University of Foreign Studies	A Hierarchical Analysis of Finnish Tourism Theme: An Interpretation Based on Geography, History and Culture

- **10:00-10:15 Coffee break**
- **10:15-11:45 Session III - China-Nordic Policy Synergies on Arctic Sustainable Development (parallel sessions)**
Location: Room 104, Library Building
The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 20 minutes given for questions and discussions at the end of each period.

Name	Institute	Presentation Title
Lassi Heininen	INAR/University of Helsinki & IIASA	“Nordic Arctic Policies and Their Global Relevance”
Pei Zhang	Shanghai Institutes for International Studies	Jointly Building the “Polar Silk Road” and Sino-Nordic Cooperation
Valur Ingimundarson	University of Iceland	The Return to Great Power Competition: Implications for China-Nordic Relations in the Arctic
Yingqin Zheng	Shanghai Institutes for International Studies	Defining China’s Priorities in the Cooperation with the Nordic Countries: From the Arctic and Beyond
Camilla T. N. Sørensen	Royal Danish Defense College	Nordic small states meet great power China in the Arctic in a context of intensified U.S.-China great power rivalry – an analysis of assessments and strategies in the Nordic capitals

- **10:15-11:45 Session III - China-Nordic Policy Synergies on Arctic Sustainable Development (parallel sessions)**
Location: Room 102, Library Building

The workshop will be conducted in English only. It is expected that each presentation should take no more than 12 minutes. There will be 20 minutes given for questions and discussions at the end of each period.

Name	Institute	Presentation Title
Katarina Gårdfelt & Justiina Dahl	Swedish Polar Research Secretariat	The Polar Research Process – Invitation to an innovative, multi-disciplinary, global co-ordination of polar science
Ping Su	Tongji University	Science Diplomacy and Trust Building: ‘Science China’ in the Arctic
Pia Hansson	Institute of International Affairs, University of Iceland	Moving beyond borders and national interests towards a Common Good Finding Synergies in the Arctic policies of the Nordic states and China
Hongyuan Yu	Shanghai Institutes for International Studies	In the Belly of Global Climate Governance and China’s Role
Gørild Heggelund	Fridtjof Nansen Institute	The Minamata Convention and mercury policy in China: Potential for Arctic cooperation
Karin Buhmann	Copenhagen Business School	Potential for Chinese-Nordic collaboration to gain experience on the implementation of global norms on meaningful stakeholder engagement in mining projects

- **11:45-12:00 Coffee break**
- **12:00-12:30 Closing remarks** (*Room 104, Library Building*)
 - **H.E. Ólafur Ragnar Grímsson**, *Chairman Arctic Circle, President of Iceland 1996-2016*
 - **Björn Lyrvall**, *Ambassador for Arctic Affairs, Ministry for Foreign Affairs of Sweden*
 - **Tomas Orri Ragnarsson**, *Senior Advisor on International Affairs, Nordic Council of Ministers*
 - **Jian Yang**, *Deputy Director of CNARC*
- **12:30-13:30 Lunch**
Location: Hai Tian Lou, 2nd Canteen, Shanghai Ocean University
- **13:30-14:30 Tour of Shanghai Ocean University**
Location: Museum of SHOU History
- **14:30 Transportation to the Arctic Circle China Forum / Departure**
Address of destination: Arctic Circle China Forum Registration Desk - Shanghai Science & Technology Museum, 2000 Century Avenue, Pudong New Area