

Energy Security and Geopolitics in the Arctic: Challenges and Opportunities in the 21st Century

Date: Monday & Tuesday, 9 to 10 January 2012
Time: 9:00am to 5:00pm
Venue: Traders Hotel
Temasek Room
1A Cuscaden Road
Singapore 249716

(Please send us your name, organisation and email address via the ESI website [here](#). For enquiries, please contact Ms. Jan Lui at 65162000.

Abstract:

The melting of the Arctic ice cap is presenting a number of environmental, economic, geopolitical and energy-related challenges and opportunities both for its littoral states as well as the broader international community. First, the possibility of substantially rising sea levels stemming from the Arctic region's warming is of great concern at the regional and the global levels. Second, if the ice continues to recede, the Arctic region's immense resource potential (energy and otherwise), as well as the likely feasibility of new seasonal inter-continental maritime routes for trade, will be of obvious significance for state players, especially those in Europe, Asia and the Americas engaged in international trade. These two broad clusters of concerns have already contributed to disputes at least between some of the concerned states. More importantly, they are likely to continue to fuel tensions and conflicts over a wide array of interests between and among states and/or regional groupings.

To better understand the legal, political, energy, military/security and environmental stakes for the Arctic's littoral states as well as the non-littoral states, the ESI is bringing together a group of experts with different experiences pertaining to the Arctic region. They include experts from the Arctic littoral states (Canada, Denmark, Norway, Russia and USA), the Greater Arctic region (Sweden, Finland and Iceland) and the major states and a regional grouping with an interest and a capability to engage in the Arctic (Australia, China, India, Japan, Republic of Korea and European Union). Both general and country-specific issues of significance to the Arctic region will be covered at the conference.

Speakers:

Dr. Arild Moe
Deputy Director/ Senior Research Fellow
Fridtjof Nansen Institute
Norway

Dr. Damien Degeorges
China Security Study Network (CHINA-SEC)
Denmark

Dr. Danila Bochkarev
Fellow
Global Security, East-West Institute
Brussels, Belgium

Dr. Euan Somerled Graham
Senior Fellow
S. Rajaratnam School of International Studies
Nanyang Technological University
Singapore

Professor Hiroshi Ota
Faculty of International Research and Education
Waseda University
Tokyo, Japan

Dr. Hooman Peimani
Principal Fellow & Head of Energy Security Division
Energy Studies Institute
National University of Singapore
Singapore

Dr. Lassi Heininen
University of Lapland, Finland
Northern Research Forum
Finland

Dr. Lawson W. Brigham
Distinguished Professor of Geography & Arctic Policy
University of Alaska Fairbanks
Captain, U.S. Coast Guard (Retired)
USA

Professor Makeev Viacheslav Mikhailovich
The State Polar Academy
Russia

Dr. Nadezhda Klimovna Kharlampyeva
Senior Lecturer
Saint-Petersburg State University, School of International Relations, Department of World
Politics
Russia

Commander Neil Gadihoke
Research Fellow
National Maritime Foundation
New Delhi, India

Dr. Robin Warner
Associate Professor
Australian National Centre for Ocean Resources and Security
University of Wollongong
Australia

Dr. Shawn Marshall
Principal Investigator
Glacial Research
Cryosphere Climate Research Group, University of Calgary
Canada

Dr. Valur Ingimundarson
Professor of Contemporary History
Chair, Historical Institute and
EDDA - Center of Excellence
Faculty of History and Philosophy
School of Humanities
University of Iceland
Iceland

Dr. Youngil Cho
Senior Researcher, Global & Future Research Division
Korea Maritime Institute
Republic of Korea

Dr. Chen Gang
Research Fellow
East Asia Institute
National University of Singapore
Singapore

ENERGY SECURITY AND GEOPOLITICS IN THE ARCTIC: CHALLENGES AND OPPORTUNITIES IN THE 21st CENTURY

Traders Hotel, 1A Cuscaden Road, Singapore 249716

9-10 January 2012

Day 1 (9 January 2012)

Time Slots	Content	Speaker Details
9:00am - 9:30am		Registration
9:30am - 9:35am	Opening Remarks	Prof. Chou Siaw Kiang Executive Director Energy Studies Institute National University of Singapore
9:35am - 10:00am	The Arctic: An Overview	Dr. Hooman Peimani Head of Energy Security Division Energy Studies Institute National University of Singapore
10:00am - 10:15am	Coffee & Tea Break	
The Arctic Environment: Climate Change and Geographical Issues		
Panel chaired by: Professor David Laurence Higgitt, Department of Geography, National University of Singapore		
10:15am - 10:45am	Canada Meltdown: The Changing Arctic Environment	Dr. Shawn Marshall Principal Investigator Glacial Research Cryosphere Climate Research Group, University of Calgary, Canada
10:45am - 11:15am	Russia Present Day Natural Processes in the Russian Arctic and Prospects of the Northern Sea Route Use	Professor Viacheslav Mikhailovich Makeev The State Polar Academy Russia
11:15am - 11:35am	Q&A / Panel Discussion	

The Arctic's Littoral States: Energy, Mineral Resources, Political and Military/Security Challenges & Opportunities facing the Immediate Stakeholders

Panel chaired by: Dr. Michael C. Hudson, Director, Middle East Institute, National University of Singapore

11:35am - 12:05pm	USA The New Maritime Arctic and United States Arctic Interests	Dr. Lawson W. Brigham Distinguished Professor of Geography & Arctic Policy University of Alaska Fairbanks, USA Captain, U.S. Coast Guard (Retired)
12:05pm - 12:35pm	Norway Shipping Along the North-East Passage: Recent Trends, Potential and Challenges	Dr. Arild Moe Deputy Director/Senior Research Fellow Fridtjof Nansen Institute Norway
12:35pm - 1:00pm	Q&A	
1:00pm - 2:15pm	Lunch	
2:15pm - 2:30pm	Photo session for speakers	
2:30pm – 3:00pm	Russia The Russian Arctic Region: a Government Program	Dr. Nadezhda Klimovna Kharlampyeva Senior Lecturer Saint-Petersburg State University School of International Relations Department of World Politics Russia
3:00pm - 3:30pm	Denmark (Greenland) Greenland's State-building: Consequences for Arctic Developments and Global Energy Security	Dr. Damien Degeorges China Security Study Network Denmark (CHINA-SEC)
3:30pm - 4:00pm	EU The European Union: An Emerging Actor in the Arctic	Dr. Danila Bochkarev Fellow Global Security, East-West Institute, Brussels/Belgium
4:00pm - 4:30pm	Q&A	
4:30pm - 4:40pm 4:40pm - 5:00pm	Closing Remarks Coffee & Tea Break	Dr. Hooman Peimani

Day 2 (10 January 2012)

9:00am -9:10am

Opening Remarks

Dr. Hooman Peimani

The Greater Arctic's States: Energy, Mineral Resources, Political and Military/Security Challenges & Opportunities

Panel chaired by: Dr. Deepak Waikar, School of Electrical and Electronic Engineering, Singapore Polytechnic

9:10am - 9:40am

**Finland & Sweden
Implications of the Arctic's
Changing and Strengthening
Position in World Politics: The
Viewpoint of Finland and Sweden**

**Dr. Lassi Heininen
University of Lapland, Finland
Northern Research Forum**

9:40am -10:10am

**Iceland
Iceland and the Arctic: The Politics
of Territoriality**

**Dr. Valur Ingimundarson
Professor of Contemporary
History Chair, Historical
Institute and EDDA - Center of
Excellence, Faculty of History
and Philosophy, School of
Humanities, University of
Iceland**

10:10am -10:40am

Q&A / Panel Discussion

10:40am -11:00am

Coffee & Tea Break

Major Economies: Energy, Mineral Resources, Political and Military/Security Challenges & Opportunities in the Arctic

Panel chaired by: Dr. S. Narayan, Head of Research and Visiting Senior Research Fellow, Institute of South Asian Studies, National University of Singapore

11:00am - 11:30am

**India
The Arctic : Geopolitics,
International Relations and
Energy Security --
A View from India**

**Commander Neil Gadihoke
Research Fellow
National Maritime Foundation,
New Delhi, India**

11:30am -12:00noon

**China
China's Growing Arctic
Interest**

**Dr. Chen Gang
Research Fellow
East Asian Institute
National University of Singapore**

12:00noon -12:30pm **Q&A / Panel Discussion**

12:30pm -1:30pm **Lunch**

Major Economies: Energy, Mineral Resources, Political and Military/Security Challenges & Opportunities in the Arctic

Panel chaired by: Ambassador Tan Seng Chye, S. Rajaratnam School of International Studies, Nanyang Technological University

1:30pm - 2:00pm	Japan The Arctic and Japan: Energy Security and Climate Security	Professor Hiroshi Ohta Faculty of International Research and Education, Waseda University, Tokyo/Japan
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2:00pm - 2:30pm	South Korea The Melting Arctic Changing the World: New Sea Route	Dr. Youngil Cho Senior Researcher, Global & Future Research Division Korea Maritime Institute Republic of Korea
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2:30pm - 3:00pm	Australia Fostering Environmental Resilience in the Polar North: Collaborative Mechanisms to Strengthen Marine Environmental Security in the Arctic	Dr. Robin Warner Associate Professor, Australian National Centre for Ocean Resources and Security University of Wollongong, Australia
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3:00pm - 3:30pm	Singapore Short Way Round: Strategic Impacts for East Asia from the NSR, and Implications for Singapore as a Global Shipping Hub	Dr. Euan Somerled Graham Senior Fellow, S. Rajaratnam School of International Studies Nanyang Technological University, Singapore
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3:30pm - 4:00pm **Q&A / Panel Discussion**

4:00pm - 4:10pm	Closing Remarks	Dr. Hooman Peimani
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4:10pm - 4:40pm **Coffee & Tea Break**