



## **Future Security of the Global Arctic**

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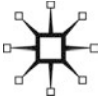
▶ **Future Security of the  
Global Arctic: State  
Policy, Economic  
Security and Climate**

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Editorial selection and content © Lassi Heininen 2016

Individual chapters © Respective authors 2016

Softcover reprint of the hardcover 1st edition 2016 978-1-137-46824-6

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First published 2016 by  
PALGRAVE MACMILLAN

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Palgrave Macmillan in the US is a division of St Martin's Press LLC, 175 Fifth Avenue, New York, NY 10010.

Palgrave Macmillan is the global academic imprint of the above companies and has companies and representatives throughout the world.

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ISBN: 978-1-137-46825-3 PDF

ISBN: 978-1-349-56142-1

This book is printed on paper suitable for recycling and made from fully managed and sustained forest sources. Logging, pulping and manufacturing processes are expected to conform to the environmental regulations of the country of origin.

A catalogue record for this book is available from the British Library.

A catalog record for this book is available from the Library of Congress.

[www.palgrave.com/pivot](http://www.palgrave.com/pivot)

DOI: 10.1057/9781137468253

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# Preface

The chapters of this book, as well as those of another Palgrave Pivot publication, *Security and Sovereignty in the North Atlantic* (November 2014), are based on the sessions of the ‘Security in the Arctic’ panel at the inaugural Arctic Circle in Reykjavik, Iceland, held in October 2013 (see [www.arcticcircle.org](http://www.arcticcircle.org)).<sup>1</sup> This international, academic panel – organized by the University of the Arctic’s and the Northern Research Forum’s joint Thematic Network on Geopolitics and Security – was an ambitious effort to bring researchers and experts on security, from different disciplines and all over the Arctic region, together to discuss broadly security in, and of, the Arctic region, and further on the existing and emerging changes in its state, as well as in the premises and paradigms of security. The panel can also be taken as a contribution to the debate, whether there, either in the Arctic or globally, is a need for an international forum to address the security dimension, and/or whether the Arctic Council’s agenda should be revised and broadened to include security-political and military matters.

## Note

- 1 The panel “Security in the Arctic” included the following sessions: first session, ‘Changes in a State of Security in the Arctic’ concentrated on the changes in a state, as well as the evolution, of Arctic security architecture/agenda, and on actors of security and their roles. The second session, ‘The Nexus of Extractive Industries, the Environment and

Climate Change – An Arctic (Security) Paradox’, included perspectives to the combination of rapid climate change, mass-scale utilization of fossils, opening of new sea routes and importance of energy security, or an Arctic ‘paradox’. The third session, ‘Future History of (State) Sovereignty and (National) Security in the Globalized Arctic’ discussed on future history of (state and resource) sovereignty and ‘paradiplomacy’. And, the fourth session, ‘Historical, Current and Future North Atlantic Security’, focused on the microstates of Iceland, the Faroe Islands and Greenland, as well as looked at the role of small states, Denmark and Norway, and that of the United States as a super power in the region.




## Acknowledgments

The editor thanks the organizers of the Arctic Circle for including the panel of the ‘Security in the Arctic’ in the program of this inaugural international conference in Reykjavik, Iceland, on October 12–14, 2013 (see [www.arcticcircle.org](http://www.arcticcircle.org)), and supporting the young participants of the panel. Finally, warm tanks belong to the authors of the chapters who were also among the speakers of the Security Panel at the 2013 Arctic Circle event.



## Notes on Contributors



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## List of Abbreviations

AC	Arctic Council
ACIA	Arctic Climate Impact Assessment
AEPS	Arctic Environmental Protection Strategy
AMEC	Arctic Military Environmental Cooperation
BC	Black Carbon
BEAC	Barents Euro-Arctic Council
BMD	Ballistic Missile Defence (System)
BP	British Petroleum
BRC	Barents Regional Council
BRICS	Brazil, Russia, India, China and South Africa
CAF	Canadian Armed Forces
CBC	Cross-Border Cooperation
CBMs	Confidence(and Security)-Building Measures
CBSS	Council of Baltic Sea States
CCG	Canadian Coast Guard
CHOD	Chiefs of Defence (of the Arctic States)
CJOC	Canadian Joint Operations Command
CO	Carbon Monoxide
COP	Conference of Parties (United Nations Framework Convention on Climate Change)
COSCO	China Ocean Shipping (Group) Company
CTA	City Twins Association
DoD	Department of Defense (of the United States)
EEZ	Exclusive Economic Zone
Enmod	Environmental Modification Convention
ENPI	European Neighbourhood and Partnership Instrument
ETC	European Territorial Cooperation
EU	European Union

EU CBC	European Union's Cross-Border Cooperation
FSB	Federal Security Service (of Russia)
FTA	Free Trade Agreement
GDP	Gross Domestic Product
GHG	Greenhouse Gas
IASC	International Arctic Science Committee
ICC	Inuit Circumpolar Council
IGBP	International Geosphere – Biosphere Programme
IMO	International Maritime Organization
INSROP	International Northern Sea Route Programme
INTERREG	Innovation & Environment Regions of Europe Sharing Solutions
IPCC	Intergovernmental Panel on Climate Change
IPN	Idemitsu Petroleum Norge
IR	International Relations
ISIS/ISIL	Islamic State of Iraq and Greater Syria, or Levant
ISS	International Space Station
NATO	North Atlantic Treaty Organization
NCM	Nordic Council of Ministers
ND	Northern Dimension (of European Union)
NEP	Northeast Passage
NF	Northern Fleet (of Russia)
NGO	Nongovernmental Organization
NIPR	National Institute of Polar Research (of Japan)
NMHC	Non-Methane Hydrocarbon
NOAA	National Oceanic and Atmosphere Administration (of the United States)
NORAD	North-American Aerospace Defence Command
NO <sub>x</sub>	Nitrogen Oxides
NSR	Northern Sea Route
NWP	Northwest Passage
O <sub>3</sub>	Ozone
OC	Organic Carbon
OPEC	Organization of Petroleum Exporting Countries
OPRF	Ocean Policy Research Foundation (of Japan)
POP	Persistent Organic Pollutant
PRIC	Polar Research Institute of China
SAR	Sear and Rescue
SIPRI	Stockholm International Peace Research Institute

SO <sub>2</sub>	Sulphur Dioxide
SOE	State-Owned Enterprise
SSBN	Strategic (Nuclear-Powered) Submarine with Ballistic (Nuclear-Warhead) Missiles
UN	United Nations
UNCLOS	United Nations Convention of the Law of the Sea
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNIDO	United Nations Industrial Development Organization
USGS	US Geological Survey
WMD	Western Military District (of Russia)
WW	World War