

Max-Planck-Institut für

ausländisches öffentliches Recht und Völkerrecht

Beiträge zum ausländischen öffentlichen Recht und Völkerrecht 235

Susanne Wasum-Rainer · Ingo Winkelmann
Karin Tiroch (eds.)

Arctic Science, International Law and Climate Change

Table of Contents

Guido Westerwelle

Climate Change, International Law and Arctic Research –
Legal Aspects of Marine Research in the Arctic Ocean..... 1

Maria Damanaki

The Arctic: A Test Bench for International Dialogue..... 5

Jaakko Laajava

Arctic Science, International Law and Climate Change 9

Lars-Otto Reiersen & Simon Wilson

The Arctic – a Sentinel for Environmental Processes and
Effects 15

Michael Gabler

More Relevant Research for the EU Arctic Policy 37

Peter Lemke

Arctic Processes and the Global Climate..... 45

Keith Alverson

Developing and Sustaining an Arctic Ocean Observing
System..... 55

<i>Igor Ashik</i>	
Recent Russian Marine Research Activities in the Arctic Ocean	59
<i>Uwe Nixdorf</i>	
Arctic Research in Practice.....	67
<i>Larry Mayer</i>	
Arctic Marine Research: The Perspective of a US Practitioner	83
<i>Bernard Coakley</i>	
Environmental Permitting Constraints on Arctic Marine Scientific Research.....	97
<i>Alexander S. Studenetsky</i>	
Marine Scientific Research in Waters under the Jurisdiction of the Russian Federation	101
<i>Klemetti Näkkäläjärvi</i>	
Climate Change and Traditional Knowledge.....	105
<i>Christian Marcussen</i>	
Extended Continental Shelf Issues in the Arctic Ocean: A Modern 'Land Grab' Or an Example of Cooperation between the Arctic Coastal States?	111
<i>Ted L. McDorman</i>	
Setting the Stage: The Continental Shelf and Marine Science in the Arctic Ocean.....	119
<i>Zhiguo Gao</i>	
Legal Issues of MSR in the Arctic: A Chinese Perspective.....	141

<i>Paul Arthur Berkman</i>	
'Common Interests' as an Evolving Body of International Law: Applications to Arctic Ocean Stewardship	155
<i>Michael W. Lodge</i>	
The International Seabed Authority and the Arctic.....	175
<i>Alex G. Oude Elferink</i>	
The Regime for Marine Scientific Research in the Arctic: Implications of the Absence of Outer Limits of the Continental Shelf beyond 200 Nautical Miles	189
<i>Betsy Baker</i>	
Common Precepts of Marine Scientific Research Access in the Arctic	209
Appendix I: White Paper: Marine Research Access in the Arctic Ocean: Background for Potential Guidelines in a Changing Arctic by <i>Betsy Baker and Hajo Eicken</i>	233
<i>Vladimir Golitsyn</i>	
Climate Change, Marine Science and Delineation of the Continental Shelf	245
<i>Jean-Claude Gascard</i>	
From the DAMOCLES to ACCESS Projects (Sixth & Seventh EU Framework Programmes 2005-2015) IAOOS – An Advanced Arctic Ocean Observing System (2011-2019)	261
<i>Hajo Eicken</i>	
Internationally Coordinated, Cooperative Arctic Marine Science during the Fourth International Polar Year: Lessons for Future Arctic Ocean Science Agreements	285

Udloriak Hanson

Inuit, Circumpolar Law & Politics, Resource
Development 299

Susanne Wasum-Rainer

Conclusions of the Chair 307

Annex 1

Second International Arctic Forum 'The Arctic –
Territory of Dialogue' Arkhangelsk, 22 – 23 September
2010 *by Vladimir Putin*..... 311

Annex 2

Letter dated 18 July 2011 from the Permanent
Representative of Germany to the United Nations
addressed to the Secretary-General *by Peter Wittig*..... 317

Annex 3

Report on a sustainable EU policy for the High North
(2009/2214(INI)) Committee on Foreign Affairs
by Michael Gahler..... 323

Annex 4

Programme 353

Annex 5

List of Participants 361