

ENVIRONMENT & POLICY

Climate Governance in the Arctic

Edited by

Timo Koivurova, E. Carina H. Keskitalo and Nigel Banks



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Edited by

Timo Koivurova

*Northern Institute for Environmental and Minority Law/Arctic
Centre, University of Lapland, Rovaniemi, Finland*

E. Carina H. Keskitalo

*Umeå University, Department of Social and Economic Geography,
Umeå, Sweden*

and

Nigel Bankes

Faculty of Law, University of Calgary, AB Canada

Editors

Timo Koivurova
Northern Institute for Environmental and
Minority Law/Arctic Centre
University of Lapland
Rovaniemi
Finland
timo.koivurova@ulapland.fi

E. Carina H. Keskitalo
Umeå University
Department of Social and Economic
Geography
Umeå
Sweden
carina.keskitalo@geography.umu.se

Nigel Bankes
Faculty of Law
University of Calgary, AB
Canada
ndbankes@ucalgary.ca

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Preface and Acknowledgements

This book is a product of a research project that began in 2006. The research group consisted of an inter-disciplinary group of scholars from numerous countries aiming to examine how various governance mechanisms contributed to mitigation and adaptation to climate change in the Arctic. The original name of the project was “The Capability of International Governance Systems in the Arctic to Contribute to the mitigation of Climate Change and Adjust to its Consequences” (CIGSAC, project No. 8110564), which later was changed to “Climate Governance in the Arctic” (see the project’s website at <http://www.arcticcentre.org/?deptid=25873>). The project was funded by the Academy of Finland, and we want to express our gratitude for the Academy’s financial support.

The research project benefitted greatly from the two seminars that were organised during its life-cycle. The launch meeting of the project was in Pyhänturi Finland from August 30 to September 3, 2006, where the initial research topics were discussed and their viability and desirable future focus examined. The final meeting (9th and 10th of January 2008 Arctic Centre, Rovaniemi, Finland) concentrated on fine-tuning the individual contributions and developing a similar general framework for the different contributions.

We would like to express our sincere thanks to all the contributors for making an honest attempt to follow this framework. We would also like to thank the contributors for participating in these two meetings; we think it was a learning experience for all since our different expertise informed a critical but constructive discussion. Apart from valuable suggestions for improving the quality of the individual chapters, the meetings also provided important guidance for the introductory and concluding chapters of the book. Important roles in assisting us in the editing process were played especially by researcher Adam Stepien from the Northern Institute for Environmental and Minority Law (Arctic Centre, University of Lapland), and, at the final stages, researcher Henna Tervo, also from NIEM. Thank you for all the hard work!

Many of the authors have also made an effort to follow developments in some cases up to spring 2008 when the contributions for this book were due: this holds true especially for legal developments surrounding the Arctic marine environment. We hope that this book will open up new horizons for thinking about climate governance issues from an Arctic viewpoint. We also hope that this book may help inspire

those persons involved in the various governance mechanisms that have implications in the Arctic to find new ways of viewing the climate policies of their respective institutions, and thereby contributing to climate policy mainstreaming in general.

We would also like to thank our families: the book added much work to the normal workload, requiring many extra evenings behind the computer. Thanks for being so patient and interested!

Rovaniemi, Finland
Umeå, Sweden
Alberta, Canada

Timo Koivurova
E. Carina H. Keskitalo
Nigel Bankes

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Contributors

Nigel Bankes The University of Calgary, 2500 University Dr NW, Calgary, Alberta, T2N 1N4, Canada, ndbanks@ucalgary.ca

Meinhard Doelle Marine & Environmental Law Institute, Dalhousie Law School, Halifax, Nova Scotia, Canada, B3H 4H9, mdoelle@dal.ca

Erik Franckx Department of International and European Law, Vrije Universiteit Brussel Pleinlaan 2, B-1050 Brussels, Belgium, erik.franckx@vub.ac.be

Md. Waliul Hasanat The Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland, Finland; Lapin yliopisto, Arktinen Keskus, PL 122, 96101, Rovaniemi, Finland, waliul.hasanat@ulapland.fi

Leena Heinämäki Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland, Finland; Lapin yliopisto, Arktinen Keskus, PL 122, 96101 Rovaniemi, Finland, leena.heinamaki@ulapland.fi

E. Carina H. Keskitalo Political Science, Department of Social and Economic Geography, Umeå University, 901 87 Umeå, Sweden, Carina.Keskitalo@geography.umu.se

Timo Koivurova The Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland, Lapin yliopisto, Arktinen Keskus, PL 122, 96101, Rovaniemi, Finland, timo.koivurova@ulapland.fi

Natalia Loukacheva Polar Law Program, University of Akureyri, Iceland; Munk Centre for International Studies, University of Toronto, Toronto, natalial@unak.is

Thilo Marauhn Justus Liebig University Giessen, Licher Str 76, 35394 Giessen, Germany, thilo.marauhn@recht.uni-giessen.de

Erik J. Molenaar Utrecht University, NILOS, Achter Sint Pieter 200, 3512HT Utrecht, The Netherlands, e.molenaar@law.uu.nl

Annika E. Nilsson Stockholm Environment Institute, Kräftriket 2B, SE 106 91 Stockholm, Sweden, annika.nilsson@sei.se

Maria Pettersson Luleå University of Technology, SE-971 87 Luleå, Sweden, Maria.Pettersson@ltu.se

S.G. Sreejith Northern Institute for Environmental and Minority Law, University of Lapland, Arctic Centre, PL 122, 96101 Rovaniemi, Finland, sreejith@ulapland.fi

Monica Tennberg Arctic Centre, University of Lapland, 96101 Rovaniemi, Finland, monica.tennberg@ulapland.fi

David L. VanderZwaag Canada Research Chair in Ocean Law and Governance; Marine & Environmental Law Institute, Dalhousie Law School, 6061 University Avenue, Halifax, NS B3H 4H9, Canada, david.vanderzwaag@dal.ca

Lotta Viikari Northern Institute for Environmental and Minority Law, Arctic Centre, University of Lapland, 96101 Rovaniemi, Finland, Lotta.Viikari@ulapland.fi

Abbreviations

AAU	Assigned amount unit
AC	Arctic Council
ACAP	Arctic Council Action Plan to Eliminate Pollution in the Arctic
ACIA	Arctic Climate Impact Assessment
ACPB	Agreement on the Conservation of Polar Bears
AEPS	Arctic Environmental Protection Strategy
AEWA	African-Eurasian Waterbird Agreement
AF	Adaptation Fund
AHDR	Arctic Human Development Report
AHTEG	Ad hoc Technical Expert Group on Biological Diversity and Climate Change
AMAP	Arctic Monitoring and Assessment Programme
AMSA	Arctic Marine Shipping Assessment
AMSP	Arctic Marine Strategic Plan
BEAC	Barents Euro-Arctic Council
BEAR	Barents Euro-Arctic Region
CAFF	Conservation of Arctic Flora and Fauna
CARMA	CircumArctic Ragnifer Monitoring and Assessment Network
CBD	Convention on Biological Diversity
CBMP	Circumpolar Biodiversity Monitoring Program
CCL	Combined cycle technology
CCPR	International Covenant on Civil and Political Rights
CCS	Carbon capture and storage
CDM	Clean Development Mechanism
CER	Certified emission reduction
CERD	International Convention on the Elimination of All Forms of Racial Discrimination
CESCR	International Covenant on Economic, Social and Cultural Rights
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CMS	Convention on Migratory Species
CoP/COP	Conference of Parties

CSIPN	Center for Support of Indigenous Peoples of the North
CSLF	Carbon Sequestration Leadership Forum
CSS	“Critical security studies”
DG RELEX	Directorate-General for External Relations (EU Commission)
DoE/DOE	Department of Energy
EAF	Ecosystem approach to fisheries
EC	European Community
ECOSOC	Economic and Social Council (UN)
EEA	European Economic Area
EEZ	Exclusive economic zone
EFTA	European Free Trade Association
EIA	Environmental impact assessment
EIT	Economies in Transition
EPPR	Emergency Prevention, Preparedness and Response
ERU	Emission reduction unit
ESA	Endangered Species Act
ESC	“Extended security concept”
ET	Emissions Trading
EU	European Union
EU ETS	European Union Emission Trading System
EWG	Working Group on Energy
FAO	United Nations Food and Agriculture Organization
FNCCC	see UNFCCC
FLC	Fort Lauderdale Criteria
FSTF	Forest Sector Task Force
FWS	see US FWS
GHG	Greenhouse gas
GHR	Greenland Home Rule
GN	Government of Nunavut
GRID	Global Resources Information Database
GSO	Group of Senior Officials (BEAR)
GWEC	Global Wind Energy Council
HRC	Human Rights Committee
IACHR	Inter-American Commission on Human Rights
IAEA	International Atomic Energy Agency
IASC	International Arctic Science Committee
ICC	Inuit Circumpolar Conference, from 2006 Inuit Circumpolar Council
ICCAT	International Commission on the Conservation of Atlantic Tunas
ICES	International Council for the Exploration of the Sea
ICOMOS	International Council on Monuments and Sites
IDGEC	“Institutional Dimensions of Global Environmental Change”
IEA	International Energy Agency
ILO	International Labour Organisation
IMO	International Maritime Organisation

IPCC	Intergovernmental Panel on Climate Change
IPG	Institution of public government
IPHC	International Pacific Halibut Commission
IPOA	International Plan of Action
IPY	International Polar Year
IQ	Inuit Qaujimagatuqangit (Inuit traditional knowledge)
IR	International Relations
ITK	Inuit Tapiriit Kanatami
IUCN	World Conservation Union
JI	Joint Implementation
JLG	Joint Liaison Group
LDCF	Least Developed Countries Fund
LME	Large maritime ecosystems
LNG	Liquefied Natural Gas
LOS	Law of the sea, see also UNCLOS
LULUCF	Land-use, land-use change and forestry
MARPOL	International Convention for the Prevention of Pollution from Ships
MEA	Multilateral environmental agreement
MoP/MOP	Meeting of Parties
MoU/MOU	Memorandum of understanding
MSY	Maximum sustainable yield
NAFO	Northwest Atlantic Fisheries Organization
NAP	National Action Programme
NAPA	National Adaptation Programme of Action
NASCO	North Atlantic Salmon Conservation Organization
NBSAP	National Biodiversity Strategy and Action Plan
NEAFC	North East Atlantic Fisheries Commission
NLCA	Nunavut Land Claims Agreement
NPAFC	North Pacific Anadromous Fish Commission
NPFMC	North Pacific Fishery Management Council
NTI	Nunavut Tunngavik Incorporated
OPEC	Organisation of Petroleum Exporting Countries
PAME	Protection of Arctic Marine Environment
PBSG	Polar Bear Specialists Group
PICES	North Pacific Marine Science Organization
POPs	Persistent organic pollutants
PPM	Parts per million
RAIPON	Russian Association of Indigenous Peoples of the North, Siberia and Far East
RC	Regional Committee (BEAR)
RFMO	Regional fisheries management organization
RMU	Removal unit
RPA	Regional Programme of Action for the Protection of the Arctic Environment from Land-based Activities

R&D	Research and development
SAAO	Senior Arctic Affairs Officials
SAO	Senior Arctic Officials
SBSTTA	Subsidiary Body on Scientific, Technical and Technological Advice
SCCF	Special Climate Change Fund
SDWG	Sustainable Development Working Group
SPCAR	Standing Committee of Parliamentarians of the Arctic Region
UN	United Nations
UNCCD	United Nations Convention to Combat Desertification
UNCED	United Nations Conference on Environment and Development
UNCLOS	United Nations Convention on the Law of the Sea
UN ECE	United Nations Economic Commission for Europe
UNEP	United Nations Environmental Programme
UNESCO	United Nations Education, Scientific and Cultural Organisation
UNFCCC	United Nations Framework Conventions on Climate Change
UNGA	United Nations General Assembly
UNPFII	United Nations Permanent Forum on Indigenous Issues
US	United States
US FWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VACCA	Vulnerability and Adaptation to Climate Change in the Arctic
WCMC	World Conservation Monitoring Centre
WCPFC	Western and Central Pacific Ocean Fisheries Commission
WEAR	Working Group on education and research
WGIP	Working Group on Indigenous Populations
WG	Working group
WGE	Working Group on Environment
WGEC	Working Group on Economic Cooperation
WHC	World Cultural and Natural Heritage Convention
WHIPCOE	World Heritage Indigenous Peoples Council of Experts
WMO	World Meteorological Organization
WWF	World Wide Fund for Nature