

## International Straits: A Multidisciplinary Approach

# International Straits of the World

*Series Editor*

Nilufer Oral  
Alexander Lott

VOLUME 20

The titles published in this series are listed at *brill.com/insw*

# International Straits: A Multidisciplinary Approach

*Edited by*

Catherine Roche, Frédéric Davansant, Christophe Gibout  
and François H. Guiziou



BRILL | NIJHOFF

LEIDEN | BOSTON

The Library of Congress Cataloging-in-Publication Data is available online at <https://catalog.loc.gov>  
LC record available at <https://lccn.loc.gov/2025951327>

Typeface for the Latin, Greek, and Cyrillic scripts: "Brill". See and download: [brill.com/brill-typeface](http://brill.com/brill-typeface).

ISSN 0924-4867

ISBN 978-90-04-72139-5 (hardback)

ISBN 978-90-04-72140-1 (e-book)

DOI 10.1163/9789004721401

Copyright 2026 by Koninklijke Brill BV, Plantijnstraat 2, 2321 JC Leiden, The Netherlands.

Koninklijke Brill BV incorporates the imprints Brill, Brill Nijhoff, Brill Schöningh, Brill Fink, Brill mentis, Brill Wageningen Academic, Vandenhoeck & Ruprecht, Böhlau and V&R unipress.

All rights reserved. No part of this publication may be reproduced, translated, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission from the publisher. Requests for re-use and/or translations must be addressed to Koninklijke Brill BV via [brill.com](http://brill.com) or [copyright.com](http://copyright.com).

For more information: [info@brill.com](mailto:info@brill.com).

This book is printed on acid-free paper and produced in a sustainable manner.

Some chapters are derived from papers presented at the *Détroits/Straits International Colloquium*, held November 24–26, 2021. This colloquium was supported by the French Ministry of the Sea, Campus de la mer (Federative Research Structure dedicated to the sea and the coastline in the Hauts-de-France region – <https://sfr-campusdelamer.univ-littoral.fr/home/>), ISML (Institut des Sciences de la Mer et du Littoral – Institute of Marine and Coastal Sciences – <https://isml.univ-littoral.fr/en/about-us/>) and the City of Boulogne sur mer.

The authors acknowledge the ANR-FRANCE (French National Research Agency) for its financial support of the “Défis Contemporains des Détroits”<sup>1</sup> (DéCoDé), project n° ANR-23-CE 53-0005.

This book is the result of a research project carried out at the Université du Littoral Côte d’Opale by the TVES (Territoires, Villes, Environnement & Société) and LARJ (Laboratoire de Recherche Juridique) research teams.

This book has been supported by the European center for humanities and social sciences (MESHS-Lille, France – <https://www.meshs.fr>) and the Campus de la mer (<https://sfr-campusdelamer.univ-littoral.fr/home/>).



---

1 Contemporary Challenges of the Straits.



# Contents

Acknowledgements	XI
Abbreviations and Euphemisms	XII
List of Maps, Figures and Tables	XVI
Notes on Editors and Contributors	XVIII

Introduction: Prolegomena to a Multidisciplinary Reflection on Straits in a Changing World 1

*Frédéric Davansant and Christophe Gibout*

## PART 1

### *Straits: Centuries of Confrontation on the International Stage*

- 1 The Illusion of a Djiboutian Port Monopoly: History as an Analysis Tool for Trade Flows 13  
*Florian Fontrier*
- 2 The Legal Régime of the Strait of Gibraltar: The Paradoxical Relevance of a Colonial Dispute 31  
*Frantz Mynard and Frédéric Davansant*
- 3 Øresund: From Danish Medieval Tolls to Free Navigation 68  
*Dominique Gaurier*
- 4 Securing a Strait in Wartime: The Pas de Calais/Dover Strait during the First World War 76  
*Thomas Vaisset*
- 5 Kerch: A Navigation Route with an Uncertain Legal Status 93  
*Magali Lehardy*

**PART 2*****The Environmental Dimension of Straits***

- 6 Reflections on Article 43 of the United Nations Convention on the Law of the Sea 131  
*Syméon Karagiannis*
- 7 Environmental Threats to Straits and International Canals 168  
*Chloé Henry*
- 8 Arctic Straits and Environmental Protection: Is Conciliation Reachable? 185  
*Odile Delfour-Samama*
- 9 The Diversity of Passage Regimes in the Mediterranean Straits: Environmental Consequences 204  
*Frédéric Schneider*
- 10 A Geopark across a Marine Strait: The Cross-Channel Geopark Project 232  
*Alain Trentesaux, Olivier Averbuch, François Charlet, Helene Dehouck, Jean-Pierre Geib, Sanjeev Gupta, Gaëlle Guyétant and Jean-Yves Reynaud*

**PART 3*****Navigation and Politics***

- 11 The Evolution of the Political Debate about the Arctic Passages 253  
*Frédéric Lasserre, Anne Choquet and Camille Escudé*
- 12 The Strait of Malacca: An International Waterway and an Inland Sea? 289  
*Nathalie Fau*
- 13 Freedom of Passage through Straits Used for International Navigation, with Particular Reference to the Strait of Hormuz 317  
*Abdulmalik Aldawish*

- 14 Brexit and Its Impact on the European Flow System: Implications for the  
Dover Strait 338  
*Robin Thillard*
- 15 Ensuring Safe Navigation in the Strait of Messina: Current Issues 371  
*Mariantonia Lo Prete, Adele Marino and Catherine Roche*
- Index 397



## Acknowledgements

The authors wish to acknowledge with gratitude the financial support of the French National Research Agency (ANR–FRANCE) for the project “*Défis Contemporains des Détroits*” (DéCoDé).

This volume is the outcome of research undertaken at the Université du Littoral Côte d’Opale within the TVES (*Territoires, Villes, Environnement & Société*) and LARJ (*Laboratoire de Recherche Juridique*) research teams.

We would like to thank Colm Mohan for his careful proofreading and Philippe Chagnon for his valuable assistance.

We further acknowledge the support of the European Center for Humanities and Social Sciences (MESHS–Lille, France, <https://www.meshs.fr>) and the Campus de la Mer (<https://sfr-campusdelamer.univ-littoral.fr/home/>).



# Abbreviations and Euphemisms

pas de Calais	Dover Strait
Pas-de-Calais	département (administrative subdivision)
Calais	town and port located in the Pas-de-Calais
1958 Geneva Conventions	the 1958 Geneva Convention on the Territorial Sea and the Contiguous Zone
1993 Act	Act on the Marine Areas of the Islamic Republic of Iran in the Gulf and the Oman Sea 1993
ADSP	Port-system Authority
AFS Convention	International Convention on the Control of Harmful Anti-fouling Systems on Ships
AFS Convention	International Convention on the Control of Harmful Anti-fouling Systems on Ships
AIS	Automatic Identification System
AJIL	American Journal of International Law
AMAP	Arctic Monitoring and Assessment Program
AONB	Area of Outstanding Natural Beauty (Natural parks in Great Britain)
APM	Associated Protective Measure
Art./arts.	Article/articles
ASSPPR	Arctic Shipping Safety and Pollution Prevention Regulations
ATBA	Area to be avoided
AWPPA	Arctic Waters Pollution Prevention Act
BEF	British Expeditionary Force
BSAH	Bâtiment de Soutien et d'Assistance Hauturier (Offshore Support and Assistance Vessel)
BWM Convention	Convention for the Control and Management of Ship's Ballast Water and Sediment
BYIL	British Yearbook of International Law
CJUE	Court of Justice of the European Union
CAOF Agreement	Agreement to Prevent Unregulated High Seas Fisheries in the Central Arctic Ocean
COLREG	Convention on the International Regulations for Preventing Collisions at Sea
CROSS	Centre Régional Opérationnel de Surveillance et de Sauvetage maritimes (Regional Operational Centre for Maritime Surveillance and Rescue)

CTSCZ	1959 Geneva Convention on the Territorial Sea and the Contiguous Zone
CUP	Cambridge University Press
D.E.Ü.	Dokuz Eylül Üniversitesi
ECA	Emission Control Area
ed.	edition
EEC	Economic European Community
EEZ	Economic exclusive Zone
EMSA	European Maritime Safety Agency
EP	European Parliament
EU	European Union
EUNIS	European Nature Information System, dedicated to the classification of marine habitats.
EuSea Map classification	
FMES	Fondation Méditerranéenne d'Etudes Stratégiques (Mediterranean Foundation for Strategic Studies)
fn.	footnote
FPDA	Five Power Defence Arrangements
GRT	Gross Registered Tonnage
HGV	Heavy Goods Vehicles
ICJ	International Court of Justice
IMCO	Inter-Governmental Maritime Consultative Organization
IMO	International Maritime Organization
INS	Information Service
ITLOS	International Tribunal for the Law of the Sea
L.N.T.S.	League of Nations Treaty Series
LNG	Liquefied natural gas
LNTS	League of Nations Treaty Series
LOSC	United Nations Convention on the Law of the Sea
M.H.B.	Milletlerarası Hukuk Bülteni
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
MEPC	Marine Environment Protection Committee
MPA	Marine Protected Areas
MRC	Maritime Rescue Coordination Centre
MSC	Maritime Safety Committee
NAS	Navigational Assistance Service
NATO	North Atlantic Treaty Organization
NCSR	Sub-Committee of Navigation, Communications and Search and Rescue

NECA	Nox Emission Control Area
nm	nautical mile
No.	number
Nox	Nitrogen oxide
NSR	Northern Sea Route
NWP	Northwest Passage
OECD	Organization for Economic Co-operation and Development's
ODILA	Ocean Development & International La
OUP	Oxford University Press
PAME	Arctic Council's Working Group on the Protection of the Arctic Marine Environment
PCA	Permanent Court of Arbitration
PCIJ	Permanent Court of International Justice
PEC	Pilotage Exemption Certificates
PNR Caps et Marais d'Opale	Parc Naturel Régional des Caps et Marais d'Opale (Regional Natu- ral Park of the capes and marshes of Opale Region – Northern France).
PREMAR MED	Préfecture maritime de la Méditerranée (Mediterranean Maritime Prefecture)
PSSA	Particularly Sensitive Sea Area
RBDI	Revue belge de droit international
RCADI	Recueil des Cours de l'Académie de Droit International
REMPEC	Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea
Rep.	Report
SB	Straight Baseline
SECA	Sox Emission Control Area
SOLAS	International Convention for the Safety of Life at Sea
SOX	Sulfur oxide
SPAMI	Specially Protected Area of Mediterranean Importance
SSI	Sustainable Shipping Initiative
Traffic Organization Service	TOS
TSS	Traffic Separation Scheme
TSS	Traffic Separation Schemes
TTEG	Tripartite Technical Expert Group
U.N.T.S.	United Nations Treaty Series
U.S.	United States

UGG	UNESCO Global Geoparks. Association dedicated to Geoparks promotion.
UK	United Kingdom
UN	United Nations
UNCLOS III	Third United Nations Conference on the Law of the Sea
UNCLOS	United Convention on the Law of the Sea
UNCLOS	United Nations Conference on the Law of the Sea
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNTS	United Nations Treaty Series
US	United States
USAC	UNESCO Sites Across the Channel.
USSR	Union of the Soviet Socialist Republics
VAT	value-added tax
VCLT	Vienna Convention on the Law of Treaties
VTS	Vessel Traffic Service

# Maps, Figures and Tables

## Maps

- 11.1 Arctic routes, the Northeast and the Northwest Passages 254
- 12.1 Traffic management system in the Strait of Malacca 294
- 12.2 Measures to protect a fragile marine environment 297
- 12.3 Barter trade flows in the southern part of the Strait of Malacca 301
- 12.4 A strait at the heart of transnational migration 305
- 15.1 Longitudinal transit identified by the vessel flag with filters for more than 140 annual passes of the Strait of Messina in 2017–2021 376
- 15.2 Traffic density maps for transversal transit (incoming and outgoing traffic) in the Strait of Messina in 2017–2021 378
- 15.3 Increasing complexity of maritime spatial planning in the Strait of Messina 384

## Figures

- 10.1 Geoparks in France and UK 235
- 10.2 The Kent Downs National Landscape and the Parc Naturel Régional des Caps et Marais d'Opale 236
- 10.3 Geological Map of southern England and northern France regions 239
- 10.4 Geological Layers 240
- 10.5 Seabed Maps English Channel and North Sea 244
- 10.6 Benthic Organisms 245
- 14.1 Timeline Brexit 2016–2021 354
- 14.2 Two significant blocks on British imports management issues 355
- 14.3 French Northern territories concerned by management of export to UK 356
- 14.4 Trade volume on the French coast 357
- 14.5 French dependency on the British market 357
- 14.6 British overnight stays in France 359
- 14.7 Challenges in managing Brexit 360
- 15.1 and 15.2 Longitudinal transit from the north (Figure 15.1) /south (Figure 15.2) from 2017 to 2021 based on the VTS Center of Messina. Identified by type of ship with filters for more than 100 annual passages 374

**Tables**

11.1	Mention of navigation in the Arctic passages in the European Union policy documents relating to the Arctic	260
11.2	Mention of navigation in the Arctic passages in the European published and more recent Arctic strategies	267
14.1	National measures in Belgium, The Netherlands, France	342
14.2	Theoretical perspectives on EU disintegration and Brexit's role	361

# Notes on Editors and Contributors

## *Editors*

### *Catherine Roche*

Full Professor, University of the Littoral Opal Coast – ULCO; researcher at the TVES laboratory

She is deputy director of the Federative Research Structure dedicated to the sea and the coastline in the Hauts-de-France and a member of the management team of the Maison Européenne des Sciences de l'Homme et de la Société Lille – Nord de France. She is also Head of the “Pôle de Recherche Humanités” (House of Humanities) at ULCO and Deputy Director of the Doctoral School in Human and Social Sciences at the Universities of Amiens – Picardie, Artois and ULCO. Her research has a specific focus on environmental law and marine renewable energies. Among her publications are: *Le droit de la pêche, embryon colbertiste de la préoccupation environnementale (XVIème siècle – XXIème siècle)*, with Frédéric Davansant; *Sharing Is Caring, but Is the Shore Cared for? The Sharing Paradox of the French Coast*, with Stephan J. Hauser; *Les enjeux éthiques: la mer comme patrimoine commun?* Together with Frédéric Davansant, she is head of the *Détroits/Straits* project, which is at the basis of this book.

### *Frédéric Davansant*

Associate Professor of legal history, Legal Research Unit (LARJ, Laboratoire de Recherche Juridique), University of the Littoral Opal Coast (ULCO)

He is an Associate Professor at the School of Law of University of Littoral Côte d'Opale. He holds an Advanced Master and a Ph.D. in Legal History from Rennes University. He is currently Member of the Scientific Board of the French Scientific Interest Group of *Maritime History and Sea Sciences* (Lorient) and member of the *Association des Historiens des Facultés de Droit*. Since 2003, he has been the author of scientific publications about Maritime History dealing with Criminal Law, Admiralty Law and Military justice.

### *Christophe Gibout*

Full Professor at the University of the Littoral Opal Coast – ULCO – and researcher at the TVES laboratory (ULR 4477, ULille – ULCO)

He holds a Master in Political Science (IEP Toulouse), a Master in Political Sociology – Communication (Paris Dauphine University), a Ph.D. in political sociology (F. Rabelais Tours University and University of East London), and an

HDR (French accreditation to direct research) in governance sociology (Strasbourg University). He is former Head of the “Pôle de Recherche Humanités” (House of Humanities) at ULCO and now Head of the InREnT (institute of tourism research at a regional level). He is involved in collaboration with researchers from several other universities around the world (e.g. EPFL in Switzerland, UQAM, UQAC, and UQTR in Canada, UM5 in Morocco). He was previously a member of the Scientific Council of the ANR (the French National Research Agency). His main research focuses on the governance of public spaces and the environment (e.g. major seaports, port cities, coastal areas, deserts), viewed through the prism of the social, cultural, and economical practices that take place over there.

*François H. Guiziou*

He is a research fellow at the French National Centre for Scientific Research (CNRS). He is a member of the IDEES-Le Havre laboratory. He obtained his Ph.D. from Nantes Université in 2018 before joining the CNRS in 2022. His research focuses on globalization, with a particular emphasis on maritime studies and maritime security. He is a recognized specialist in these areas. His master’s thesis in 2008 examined the Bab el-Mandeb Strait and is titled: “Bab el-Mandeb: A Paradigm of the Contact between Globalization and Its Margin”.

*Authors*

*Abdulmalik M. Aldawish*

Ph.D. in Public International Law, University of Essex, UK

He is a lawyer and legal adviser specialized in Public International Law.

*Olivier Averbuch*

Associate Professor of Geology, Laboratory of Oceanology and Geosciences, UMR 8187 LOG, CNRS-University of Lille-ULCO-IRD. F-59655 Lille, France

He obtained his Ph.D. in 1993, specializing in the deformation mechanisms of foreland fold-and-thrust belts (NE Pyrenees, Central Apennines). His research has since focused on the tectonics of the Northern Variscan thrust front in Northern France and its reactivation during the development of the northern margin of the Paris Basin. He is currently leading scientific projects on the structural evolution of the inverted Weald–Boulonnais Basin at the transition between the Eastern Channel and the southern North Sea, particularly in the Calais–Dover Strait region.

*François Charlet*

He has been the director of Parc Naturel Régional (PNR) des Caps et Marais d'Opale since 2019. He holds a master's degree in environment and spatial planning, as well as an advanced certification from the École Nationale Supérieure du Paysage de Versailles. He began his career as Research Officer in a landscape agency before becoming a Senior Engineer and Head of the Environment Department of SCETAUROUTE, overseeing projects in northern and eastern France. In the Département du Nord, he served as Head of the Water and Agriculture bureau before being appointed Deputy Director of Roads and Engineering. Later he joined the Département du Pas-de-Calais as Director of development, planning, and environment.

*Anne Choquet*

Teacher-researcher in law, European Institute for Marine Studies (IUEM), University of Western Brittany, France

She is a teacher-researcher in law at the European Institute for Marine Studies (IUEM), University of Western Brittany, within the AMURE Joint Research Unit. Her research focuses mainly on the law of the polar regions (Antarctic and Arctic). She has written numerous academic articles on both environmental protection and the management of human activities (including governance, tourism, mineral and biological resources exploitation). In addition, she is president of the French National Committee for Arctic and Antarctic Research (CNFRAA). She is also a member of the AREES Research Group (GDR) "Arctic: Issues for the Environment and Societies".

*Hélène Dehouck*

Project Leader « UNESCO Global Geopark » application in Parc naturel régional (PNR) des Caps et Marais d'Opale, 62142 Le Wast, France

She manages the joint application of the *PNR Caps et Marais d'Opale* and Kent Downs National Landscape for the UNESCO global Geopark (UGGp) designation on the French side. Her role involves coordinating efforts and overseeing the overall development of the Cross-Channel Geopark project.

*Odile Delfour-Samama*

Associate Professor of Environmental Law, Center of Maritime and Oceanic Law (CDMO), University of Nantes, France

She is an assistant professor at the School of Law of Nantes University. She holds a Ph.D. in Law from Sorbonne Université. Her areas of research include international protection of marine environment and international fisheries law with an emphasis on marine biodiversity, climate change, IUU fishing.

She is currently vice-director of the Maritime and Oceanic Law Center (CDMO) and of the Sea and Coastal Research Institute (IUML), an interdisciplinary cluster of marine research in Nantes. She is also a member of the French Society for Environmental Law (SFDE) and of the IUCN WCEL Ocean Law Network.

*Camille Escudé*

Ph.D. Director of the Center for Political Research, IEP Madagascar

She is the director of the Center for Political Research at the Institute for Political Research in Madagascar (Institut d'Etudes Politiques). Her work focuses on political cooperation and regional integration in the Arctic regions, with a particular critical interest in issues of political representation and boundary definition in the region. As part of her research, she has undertaken research visits to the University of the Arctic in Tromsø, Norway, as well as to Laval University in Canada. She is also Associate Researcher to the Centre de recherches internationales (CERI) of Sciences Po and the Centre Québécois d'Etudes Géopolitiques.

*Nathalie Fau*

Ph.D., Associate Professor in Geography, Paris – Cité University, Researcher at CESSMA (UMR 245, Paris University)

She is an associate professor in Geography. Her research focuses on South-East Asia, cross-border and transnational spaces, the role of maritime spaces in regional integration, and straits. She leads an international research programme on the regionalization of maritime spaces after spending 6 months as a visiting researcher at the Maritime Institute of Malaysia (MIMA), Malaysia's leading think tank on maritime space.

*Florian Fontrier*

Associate Researcher in African modern History (TEMOS UMR 9016 CNRS – Temps, Mondes, Sociétés – Université Bretagne Sud)

He is a Ph.D. researcher in Archaeology and History of the Horn of Africa. He is used to work on the modern and contemporary littoral cities Tadjoura (Republic of Djibouti) and Zeyla (Somaliland/Somalia) particularly. He is a researcher at the French Office for Protection of the Refugees and Stateless Persons, in charge of Ethiopia, Somalia, Djibouti, Eritrea, and Comoros, and he teaches geopolitics at the Intercultural Communication and Management Institute (ISIT).

*Éric Frécon*

He is a research associate at the École navale, IRASEC (Institut de recherche sur l'Asie du Sud-est contemporaine) and IRSEM (Institut de recherche stratégique de l'École militaire); visiting academic at the Universiti Brunei Darussalam.

*Dominique Gaurier*

Senior Lecturer Emeritus, Center of Maritime and Oceanic Law (CDMO), University of Nantes, France

He is Senior Lecturer in Legal History and Maritime Law, emeritus, member of CDMO (Centre de Droit Maritime et Océanique), University of Nantes (France). He published in French *Histoire du droit international public de l'Antiquité à la création de l'ONU* (Rennes PUR), *Le droit maritime romain* (Rennes PUR, 2005), and many translations from Latin into French of treaties made by authors upon the Law of the war.

*Jean-Pierre Geib*

He is a retired geologist and former Deputy Director of the *Parc Naturel régional (PNR) des Caps et Marais d'Opale*. He holds a diploma in Engineering Geology from the Nancy High School of Geology (ENSG) and a master's degree in Mineralogy. He began his career as a teacher at a school of mines before joining the PNR as a project manager. Throughout his tenure, he developed programmes related to educational infrastructure, biodiversity, landscapes, agriculture, architecture, urban planning, and ecological transition. He also played a key role in coordinating European initiatives, including the Cross-Channel Geopark project.

*Sanjeev Gupta*

Professor of Earth and planetary sciences at Imperial College London

His primary research is in understanding evolution on planetary surfaces, with specific expertise in deciphering the sedimentary rock record of environmental change and habitability on Earth and Mars. His work has encompassed reconstructing the early evolution of the Alps and submerged landscapes of the English Channel, which led to the discovery of how Britain became an island. Currently he is on the science teams and a Long Term Planner (LTP) for NASA's Mars Science Laboratory Curiosity and M2020 Perseverance rover missions. He is heavily involved in the analysis of sedimentary rocks on Mars to reconstruct palaeoenvironments and develop exploration strategies for sample selection, and providing context for samples collected for future return to Earth.

*Gaëlle Guyetant*

Project Manager « Geological heritage », Conservatory of Natural Area Hauts-de-France, 1 place Ginkgo, Village Oasis. 80480 Dury, France

She is working at the *Conservatoire d'espaces naturels des Hauts-de-France* since 2007 as the coordinator of the regional Geodiversity and Geoheritage action plan. Her work focuses on knowledge acquisition, conservation, management, and public awareness related to geoheritage. She also leads the regional inventory of geoheritage sites. Since 2020, she has been actively involved in the Cross-Channel Geopark project, collaborating with the *PNR des Caps et Marais d'Opale*, the Kent Downs National landscape, and associated experts.

*Chloé Henry*

Permanent researcher in the field of higher education policy in Quebec

She completed a master's degree in law of the sea and maritime activities from the University of Nice–Côte d'Azur, in bidiplomation with the master's degree in international law and international politics from the University of Sherbrooke, Canada.

Her interest in the marine environment led her to complete a research internship at the Université Littoral Côte d'Opale (ULCO), and she participated in the symposium “Straits” of the ULCO University at the end of November 2021.

*Syméon Karaqiannis*

Professor of Law, University of Strasbourg, France

He is Professor of Public Law at the University of Strasbourg, France, since 2003. He has also taught in other French and foreign universities and has been a council for a State at the International Tribunal for the Law of the Sea. He has extensively written, primarily in French, on the law of the sea, the law of international treaties, human rights law, European Union law, and constitutional comparative law.

*Frédéric Lasserre*

Full Professor, Geography Department, Laval University, Canada Director of the Quebec Council for Geopolitical Studies, Canada

He holds a Master of Commerce (ESC Lyon, 1990), an MBA (York U., Toronto, 1991), a DEA in Geopolitics (U. Paris VIII, 1992), and a Ph.D. in Geography (U. Saint-Étienne, France, 1996). Since 2001 he is Professor in the Department of Geography at Laval University (Quebec City). He acted as Project Director with the international ArcticNet research network. He chairs the Conseil québécois

d'Études géopolitiques (Quebec Council for Geopolitical Studies) at Laval University. He conducted extensive research in the field of Arctic geopolitics, water management, transport geopolitics, and maritime borders, enabling him to publish more than 150 peer-reviewed papers and 27 books.

*Magali Lehardy*

Associate Professor of Public Law, University of Côte d'Azur, Lab. LADIE UPR 7414, France

She is Associate Professor of Public Law at the University of Côte d'Azur, France. She is member of the research unit of International and European Law (LADIE) and co-director of the Law of the Sea and Maritime Activities Master. She teaches the Law of the Sea and International Law of Spaces. After having extensively published of the Marine Protected Areas, she dedicated her research on the straits' navigation *régimes*. Lately, her major focuses has been Russia's practice in Law of the Sea and, more particularly, with regard to the Kerch Strait and the Arctic.

*Mariantonia Lo Prete*

Associate Professor, Department of Economics, Dunkirk University, Research Unit TVES ULR 4477, France

She is Assistant Professor in Coastal Landing Planning and Transport Geography at Dunkirk University (ULCO) and member of the research unit Territories, Cities, Environment and Society (TVES). She is member of the scientific council of the Federative Research Structure dedicated to the sea and the coast in the Hauts-de-France region (SFR Campus de la Mer) and of PORT and MARitime research group (POMAR) of the French National Centre for Scientific Research (CNRS). She is involved in several national and international research projects (relating to maritime, ports, straits and coastal issues: MAGNETICS, DÉCODÉ, Life MARHA, etc.): these project aims to further understand the circular causality between local socio-economic development and maritime transport activities, the evolution of maritime governance, port-city relationships, geopolitics, and environment/health impacts of ports and shipping.

*Adele Marino*

Associate Professor in Maritime Law, University of Messina

She is Associate Professor in Maritime law, University of Messina, Italy. She is member of the Council of CUST (University Center for Studies on Transport "Elio Fanara") and College Board Member for Ph.D. in Political Science, University of Messina. She is coordinator of the academic journal "Rivista di diritto della navigazione". She lectures, amongst others, in Transport Law and Mari-

time Transport. Her main fields of studies are Maritime Organization, Safety at Sea, Maritime Transport, Transport Policy, and Air Law.

*Frantz Mynard*

Associate Professor of legal history, Center of Maritime and Oceanic Law (CDMO), Center of Maritime and Oceanic Law (CDMO), Nantes University, France

He is Associate Professor at the School of Law of Nantes University. He holds a Ph.D. in Legal History from Rennes University, an Advanced Master in European Union Law from Rennes University, and a Master of Comparative literature from Nantes. He is currently vice-director of the Maritime and Oceanic Law Center (CDMO) and Administrator of the French Water Academy (Paris, UNESCO). Since 2016, he has been Member of the Scientific Board of the French Scientific Interest Group of *Maritime History and Sea Sciences* (Lorient) and member of the *International Association for Water Law* (Rome). He is also a member of different learned societies such as the French Society for the History of Law, created on October 21, 1913. Since 2014, he has been the author of numerous scientific publications about Maritime History and Water resources Law dealing with Water Police.

*Jean-Yves Reynaud*

Professor of geology, Laboratory of Oceanology and Geosciences, UMR 8187 LOG, CNRS-University of Lille-ULCO-IRD. F-59655 Lille, France

He is Professor of Geology at the University of Lille. He previously served as curator of the sedimentary collections of the National Museum of Natural History (1999–2012) and as executive secretary of the International Year of Planet Earth (2007–2009). His Ph.D. research focused on the offshore Quaternary cover of the Celtic Sea. His work mainly examines tidal sedimentology and sequence stratigraphy in shallow marine environments, both in modern settings and the rock record. He currently heads the Coastal Geosciences Research Team at the Laboratory of Oceanology and Geosciences.

*Frédéric Schneider*

Associate Professor in Public International Law. University of Toulon

Associate Professor in Public International Law at the University of Toulon since 2019, he is a Ph.D. from the Institute of the Right of Peace and Development (Nice) and a former postdoctoral researcher at the University of the Littoral Opal Coast. Laureate of the 2013 INDEMER Thesis Award, he regularly publishes in journals and collective books on the law of the sea. Since his appointment at the University of Toulon, he has organized interdisciplinary

Law-Science conferences whose proceedings have been published under his co-direction. He is also co-director of the master's degree in Public Law, Security, Defense, and Maritime spaces.

*Nesrin Singil*

Research Assistant, International Law, Istanbul University Faculty of Law, Turkey

She is a research assistant in the International Law Department of Istanbul University Faculty of Law since January 2019. She graduated from Istanbul University Faculty of Law as an "honor student" in 2017. Then, she completed a master's degree in public law at Istanbul University in 2020. Finally, she started her Ph.D. in public law at Istanbul University in November 2020. She is currently a Ph.D. candidate. She carries out her works in the field of international law. In this context, she has a book, articles, and conference papers about the law of the sea. Nesrin has also made presentations at national and international conferences on the law of the sea.

*Robin Thillard*

Ph.D. candidate in geography, University of Rouen Normandie, France

He is a Ph.D. candidate in Geography (Thesis title: "The Brexit: A Collateral Geopolitical Risk. How the United Kingdom's Territorial Partners Are Adapting").

He has participated to conferences as a speaker, among which are: "Brexit and Recomposition of the European Flow System: What Strategic Stakes for the Pas de Calais Strait?" (Université du Littoral Côte d'Opale, November 2021); "Territory and Governance Facing the Brexit: The Multiscale Management of the Brexit as a Witness of the New Public Management" (Collège international des sciences territoriales, November 2020).

He also contributed to the book of Sylvia Brunet. "Territorial Evolutions between Resilience and Innovation: Which Temporality for which Populations?" Les Dossiers des Annales de Droit, PURH (2023).

*Alain Trentesaux*

Professor of Geology, head of the Department of Earth Sciences, Laboratory of Oceanology and Geosciences, UMR 8187 LOG, CNRS-University of Lille-ULCO-IRD. F-59655 Lille, France

He is Professor of Geology at the University of Lille, where he is currently the head of the Department of Earth Sciences. He received his Ph.D. in 1993 after working on marine sandbanks offshore Belgium in the Framework of a European program. Most of his academic works deal with the sedimentology

of recent deposits in tide-dominated seas such as the North Sea and the English Channel, including the Calais–Dover Strait, but also in Chinese marginal seas and Tunisia. Applied research is also conducted in the field of navigation, dredging, coastal evolution, and climate change.

*Thomas Vaisset*

Associate Professor in Contemporary History, Université Le Havre Normandie (ULHN), IDEES-CNRS 6266

He is Associate Professor in Contemporary History, Université Le Havre Normandie, UMR IDEES CNRS-6266. He is the author of *L'amiral d'Argenlieu. Le moine-soldat du gaullisme* (Paris: Belin, 2017). He is the co-editor of *Militaires en résistances en France et en Europe* (Villeneuve d'Ascq: Presses universitaires du Septentrion, 2022) and *Soldiers in Peacemaking. The Role of the Military at the End of War, 1800–present* (London: Bloomsbury Academic, 2023).