

1. Record Nr.	UNINA9910416127803321
Autore	Chircop Aldo
Titolo	Governance of Arctic Shipping : Rethinking Risk, Human Impacts and Regulation // edited by Aldo Chircop, Floris Goerlandt, Claudio Aporta, Ronald Pelot
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-44975-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIV, 319 p. 40 illus., 31 illus. in color.)
Collana	Springer Polar Sciences, , 2510-0483
Disciplina	919.8 343.0968
Soggetti	Physical geography Climatology Water Hydrology Environmental management Freshwater ecology Marine ecology Physical Geography Climate Sciences Environmental Management Freshwater and Marine Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- PART A: MARINE RISK ASSESSMENT PERSPECTIVES -- 1) Application of the IGRC framework for SAR -- 2) Historical Maritime Search and Rescue (SAR) Incident Analysis: Interactive visualization aids for improved risk assessment and decision making -- 3) Oil spill risk in the Canadian Arctic: An exploratory application of the International Risk Governance Framework -- 4) Ship-generated underwater noise -- PART B: INDIGENOUS RIGHTS AND MARINE SPATIAL PLANNING PERSPECTIVES -- 5) Shipping Governance and Inuit Rights -- 6) Inuit knowledge and data: An exploration of decision support systems for marine spatial

planning in the eastern Canadian Arctic -- 7) Balancing competing ocean uses: The EU approach to Marine Spatial Planning -- 8) Integrated Ocean Management in France: Some perspectives -- PART C: MARITIME REGULATORY POLICY PERSPECTIVES -- 9) The IMO Framework and Process of Shipping Regulations -- 10) The regulation of air pollution from ships in the Northwest Atlantic and Arctic Oceans: The need for an integrated and equitable approach -- 11) A Change in the Ice Regime: Polar Code Implementation in Canada Drummond Fraser, Transport Canada -- 12) Seafarers and Arctic cruise shipping: Protecting those who work while others explore and sightsee -- 13) Mapping the Occupational Health and Safety Challenges Arising from Employment-Related Geographical Mobility (E-RGM) Among Canadian Seafarers on the Great Lakes and St Lawrence River -- 14) Fisher safety -- 15) Search and rescue at sea: do new challenges need new rules? -- 16) Conclusion. .

Sommario/riassunto

This open access book is a result of the Dalhousie-led research project Safe Navigation and Environment Protection, supported by a grant from the Ocean Frontier Institute's the Canada First Research Excellent Fund (CFREF). The book focuses on Arctic shipping and investigates how ocean change and anthropogenic impacts affect our understanding of risk, policy, management and regulation for safe navigation, environment protection, conflict management between ocean uses, and protection of Indigenous peoples' interests. A rapidly changing Arctic as a result of climate change and ice loss is rendering the North more accessible, providing new opportunities while producing impacts on the Arctic. The book explores ideas for enhanced governance of Arctic shipping through risk-based planning, marine spatial planning and scaling up shipping standards for safety, environment protection and public health. .
