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| Descrizione fisica | 1 online resource (418 p.) |
| Altri autori (Persone) | ThomasDavid N <1962-> (David Neville)<br>DieckmannGerhard |
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| Soggetti | Sea ice |
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| Nota di contenuto | SEAICE: An Introduction to its Physics, Chemistry, Biology and Geology; Contents; Foreword; Acknowledgements; Chapter 1 The Importance of Sea Ice: An Overview; Chapter 2 From the Microscopic, to the Macroscopic, to the Regional Scale: Growth, Microstructure and Properties of Sea Ice; Chapter 3 Dynamics versus Thermodynamics: The Sea Ice Thickness Distribution; Chapter 4 Large-scale Characteristics and Variability of the Global Sea Ice Cover; Chapter 5 Primary Production in Sea Ice; Chapter 6 The Microbiology of Sea Ice; Chapter 7 The Macrobiology of Sea Ice<br>Chapter 8 Sea Ice: A Critical Habitat for Polar Marine Mammals and BirdsChapter 9 Biogeochemistry of Sea Ice; Chapter 10 Particulate Flux From Sea Ice in Polar Waters; Chapter 11 Palaeo Sea Ice Distribution - Reconstruction and Palaeoclimatic Significance; Glossary; Index |
| Sommario/riassunto | Sea ice, which covers up to 7% of the planet's surface, is a major component of the world's oceans, partly driving ocean circulation and |

global climate patterns. It provides a habitat for a rich diversity of marine organisms, and is an extremely valuable source of information in studies of global climate change and the evolution of present day life forms. Increasingly sea ice is being used as a proxy for extraterrestrial ice covered systems.  Sea Ice provides a comprehensive review of our current available knowledge of polar pack ice, the study of which is severely constrain