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Nota di contenuto	1. Introduction -- 2. Historical background -- 3. The ocean setting -- 4. An introduction to sea ice growth -- 5. Components -- 6. The phase diagram -- 7. Sea ice structure -- 8. Sea ice salinity -- 9. Sea ice growth: the details -- 10. Properties -- 11. Polynyas and leads -- 12. Deformation -- 13. Sea ice: seafloor interactions -- 14. Marginal ice zone -- 15. Snow -- 16. Ice dynamics -- 17. Underwater ice -- 18. Trends -- 19. Conclusions.
Sommario/riassunto	Covering more than seven percent of the earth's surface, sea ice is crucial to the functioning of the biosphere-and is a key component in our attempts to understand and combat climate change. With On Sea Ice, geophysicist W.F. Weeks delivers a natural history of sea ice, a fully comprehensive and up-to-date account of our knowledge of its creation, change, and function. The volume begins with the earliest recorded observations of sea ice, from 350 BC, but the majority of its information is drawn from the period after 1950, when detailed study of sea ice became widespread. Weeks de.