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Descrizione fisica	1 online resource (VIII, 405 p. 168 illus., 75 illus. in color.)
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Nota di contenuto	Determination of the condition of road coverings by acoustic noise data. - Diagnosis of the technical condition of standing wave support for pipeline -- Determination of ice thickness using standing waves -- Development of methods for wind speed and wave parameters forecasting in inland waters -- The geoecological assessment of the internal and external biogenous load of the waters of the Gulf of Taganrog of the Sea of Azov -- Manifestation of Downward Solar Radiation Flux in the Variability of Sea Ice Concentration and Krill Fishery in the Antarctic -- Estimation of Waters Vertical Structure in the Barents and Kara Seas -- Variational identification of the underwater pollution source power.
Sommario/riassunto	This book presents the findings of recent theoretical and experimental studies of processes in the atmosphere, oceans, and lithosphere, discussing their interactions, geology. methods of geophysical research, and environmental problems resulting from human impacts. Particularly focusing on the geomechanical aspects of the production of hydrocarbons, including the laborious extraction of oils, it also includes contributions on ecological problems related to the biosphere.