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Sommario/riassunto

Science, Technology, and New Challenges to Ocean Law offers fresh perspectives on a set of vital issues in the field of ocean law and policy. Since the early period of the industrial revolution, successive waves of revolutionary scientific discoveries and technological innovations have intensified the global population's exploitation of ocean and coastal resources. In this volume, several leading authorities in the field address major dimensions of the interface of science, technology and ocean law—both historically and in current-day perspective—and emergent challenges in legal ordering of ocean uses for sustainability and equitability. Among the topics that are analysed in these readable, accessible papers are ecosystem approaches to resource management, the historic interplay of science and military concerns, the place of science in dispute-settlement processes, the varied human uses of the seabed, the roles in ocean governance of indigenous peoples, legal issues in fisheries management and conservation, and special regional problems of the Arctic, the Bering Strait, the South China Sea, and the eastern Mediterranean. The urgent importance of the subjects addressed here, together with the variety of disciplinary approaches deployed by the authors, enhance the value of this book's unique contribution to the literature of ocean studies.

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