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	Descrizione fisica	1 online resource (208 pages)
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	Disciplina	910.5
	Soggetti	Freshwater ecology Marine ecology Food security Bioclimatology Oceanography Freshwater and Marine Ecology Food Security Climate Change Ecology Ocean Sciences Pesca Previsió Gestió de la pesca Llibres electrònics
	Lingua di pubblicazione	Inglese
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	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	1. Introduction -- 2. Overview of the Marine Environment -- 3. Shoaling and migration of fish and their relationships with environment -- 4. Basic Theories of Formation of Fishing ground -- 5. Basic Principles and Methods of Fisheries Forecasting -- 6. Case Studies of Fisheries Forecasting -- 7. Effects of Global climate Changes on Marine Fishery Resources.
	Sommario/riassunto	This book systematically introduces the knowledge system and research results of fisheries forecasting. It is divided into four parts and seven chapters. The first part is the introduction, which mainly

introduces the basic concepts, the nature of the subject, and the research contents, as well as the current status of research. The second part is about the basic knowledge of fisheries forecasting, including overview of the world marine environment, fish shoaling and migration distribution, the relationship between fish behavior and marine environment, and the basic theory of forming fishing ground. The third part is the focus of this book, including the basic principles and methods of fisheries forecasting, as well as the application of new techniques and methods in fisheries forecasting. The fourth part is the comprehensive application of fisheries forecasting, including the general situation of world marine fisheries, the impact of global marine environment changes on fisheries resources and fishing ground, and case studying of fisheries forecasting of important economic species, such as oceanic squid, jack mackerel, anchovy, and skipjack. The study of this book will help everyone to master the basic principles and methods of fisheries forecasting, as well as the application of new technologies and methods in important economic species, and lay a foundation for future work in the field of marine fisheries.