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Descrizione fisica	1 online resource (580 p.)
Altri autori (Persone)	PayneA. I. L <1946-> (Andrew I. L.) CotterJohn (A. John R.) PotterTed <1951->
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Editorial; Foreword; One hundred and twenty years of change in fishing power of English North Sea trawlers; The decline of the English and Welsh fishing fleet?; After Beverton and Holt; Contributions of the fishing industry to research through partnerships; Understanding and managing marine fisheries with the aid of a digital map; Managing without best predictions: the Management Strategy Evaluation framework; From fish to fisheries: the changing focus of management advice The contribution of science to management of the North Sea cod (<i>Gadus morhua</i>) and UK sea bass (<i>Dicentrarchus labrax</i>) fisheries: can we do better? Management of elasmobranch fisheries in the North Atlantic; Accumulation of new knowledge and advances in fishery management: two complementary processes?; New technologies for the advancement of fisheries science; Assessment and management of data-poor fisheries; The importance of reproductive dynamics in fish stock assessments; 80 years of multispecies fisheries modelling;

significant advances and continuing challenges
Benthic communities, ecosystems and fisheries
Simulating the marine environment and its use in fisheries research; Overfishing affects more than fish populations: trophic cascades and regime shifts in the Black Sea; Beverton and Holt's insights into life history theory: influence, application and future use; The "soundscape" of the sea, underwater navigation, and why we should be listening more; Fish vitellogenin as a biological effect marker of oestrogenic endocrine disruption in the open sea; In recognition of inevitable uncertainties: from fisheries management to managing marine resources
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Sommario/riassunto

This timely book brings readers up to date on the wide range of advances made in fisheries science since the publication in 1957 of *On the Dynamics of Exploited Fish Populations* (Beverton and Holt), regarded by many fisheries scientists as one of the most important books on fisheries yet published. Traditional fishery subjects covered include historic declines and changes in fishing fleets, fisheries management and stock assessments, data-poor situations, simulation and modelling of fished stocks, fisheries economics, assessing reproductive potential and dispersal of larvae, fisheries
