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Nota di contenuto	Front Matter -- Preface -- Contents -- Executive Summary -- 1 Introduction -- 2 Data -- 3 Assessment Methods -- 4 Harvest Strategies -- 5 Simulations -- 6 Findings and Recommendations -- References -- A Letter of Request -- B Committee Biographies -- C Acronyms and Symbols -- D Checklist for Stock Assessments -- E Description of Age-Structured Simulation Model -- F Letter to Analysts -- G Retrospective Values -- H Information from Interstate Marine Fisheries Commissions and States -- I Model* Results in Terms of Exploitable and Total Biomass -- J Excerpts from the Food and Agriculture Organization Report Precautionary Approach to Fisheries* -- K Uncertainty in Stock Assessment Methods and Models.
Sommario/riassunto	Ocean harvests have plateaued worldwide and many important commercial stocks have been depleted. This has caused great concern among scientists, fishery managers, the fishing community, and the public. This book evaluates the major models used for estimating the size and structure of marine fish populations (stock assessments) and

changes in populations over time. It demonstrates how problems that may occur in fisheries data-for example underreporting or changes in the likelihood that fish can be caught with a given type of gear-can seriously degrade the quality of stock assessments. The volume makes recommendations for means to improve stock assessments and their use in fishery management.
