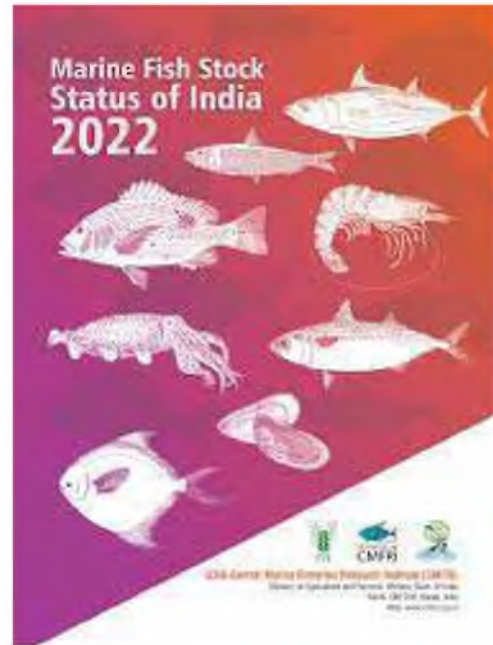


CMFRI PUBLISHES MARINE FISH STOCK STATUS OF INDIA 2022

The Central Marine Fisheries Research Institute (CMFRI) has brought out the report of marine fish stock status of India 2022 to present an overview of the health of the marine fish stocks in the country. The publication is the first of its kind from any Asian country.

The objective of this report was to assess the status and provide a synoptic picture of the marine fish stocks of national and regional importance under the currently prevalent fisheries management regime in the country. Fish stocks were assessed for biological sustainability based on the abundance and level of harvest. Other dimensions of sustainability such as economic, environmental and social were not considered in this analysis, as they were beyond the scope of this document. This report has set the stage for a Management Strategy Evaluation (MSE) framework for marine fisheries in the country and the subsequent fish stock status report will be a guiding tool for fishery managers, policymakers, researchers and other stakeholders involved in the marine fisheries sector to enhance the sustainability of our marine fish resources. Species-wise length-frequency data were collected from landings by different gears in four regions of the Indian coast and Lakshadweep. Stock assessments were carried out by National Working Groups using length-based micro analytical models, which incorporate species-specific biological information on growth, mortality, recruitment and age of fish. Wherever necessary, spawning stock



biomass based on length at first maturity and juvenile abundance in the fisheries were used as precautionary management reference points to categorize the stock status. Globally accepted indicators for marine fish stock assessments were used to categorize the stock status.