



FUTURISTIC VISION

Short-term vision

- > Monitoring of demersal resources within 200m depth contour
- > Survey of deepsea demersals beyond 200m depth
- > Survey of coastal pelagic resources
- > Survey of oceanic tuna resources
- > Survey of skipjack and yellowfin tuna resources by pole and line fishing in Lakshadweep and Andaman & Nicobar groups of islands
- > Introduction of monofilament longlining and mid-water trawling for exploration and exploitation of tuna and columnar fish resources
- > Fish stock identification and biodiversity studies using molecular techniques
- > Application of remote sensing in forecasting of marine fisheries
- > Investigation of fishery resources in the high seas in Indian Ocean and Southern Ocean

Long-term vision

- > Exploratory surveys for all types of fishery resources in the Indian EEZ
- > Investigations and research in coral reef ecosystems
- > Commercial fishing technologies and innovations
- > Monitoring surveys for fish stock health in the Indian EEZ and evolving appropriate fishing strategies
- > Database maintenance and networking
- > Large marine ecosystem approach for conservation, management of resources and preservation of environment
- > Habitat management and assessment of risk to habitats
- > Environmental impact of fishing on protected species
- > Sustainable fishery and enhanced food security

Institutional Linkages

FSI has vital linkages with several national agencies and institutions associated with ocean studies and fisheries development. The list includes the Ministry of Earth Sciences, Indian Council of Agricultural Research, National Fisheries Development Board, Central Marine Fisheries Research Institute, Central Institute of Fisheries Technology, Central Institute of Fisheries Education, National Institute of Oceanography, Space Applications Centre, National Remote Sensing Agency, Centre for Mathematical Modelling and Computer Simulations, Marine Products Export Development Authority, National Institute of Fisheries Post-harvest Technology and Training, Central Institute of Fisheries Nautical and Engineering Training, Indian National Centre for Ocean Information Services, Central Institute of Coastal Engineering for Fisheries and State/UT Fisheries Departments. At international level, FSI is the nodal institute of the Govt. of India for matters related to Indian Ocean Tuna Commission and Bay of Bengal Large Marine Ecosystem Project.

