Consultancy Services
Major Clients of the CMFRI

INTERNATIONAL
M/s. Care India, Mumbai, (UN Oraganization)
M/s. Hardy Exploration and Production (Inc), Chennai
M/s. Bahrain Society of Pearls and Oysters, Bahrain

GOVERNMENT
Andaman Nicobar Administration, Port Blair,
Department of Tourism, Govt. of Kerala,
Department of Fisheries, U. T., Pondicherry,
Ministry of Agriculture, Govt. of India, New Delhi
Aquaculture Authority of India, Govt. of India
Department of Forest and Environment, Gujarat,
C-Mars (CSIR), Trivandrum, Kerala,
NEERI (CSIR), Nagpur,
Rajiv Gandhi Centre for Aquaculture, Myladumthurai, Trivandrum
Annamalai University, Chidambaram, Tamil Nadu

PUBLIC SECTOR
M/s. MRPL, Mangalore,
M/s. KIOCL, Mangalore,
M/s. Cochin Port Trust, Kochi,
M/s. BHEL, Thiruchirapalli
M/s. Indira Gandhi Centre for Atomic Research, Kalpakkam

PRIVATE SECTOR
M/s. Indian Tropical Agro products Pvt., Tuticorin,
M/s. Novua Foods Pvt. Ltd., Alappuzha
M/s. Tharakan Foods Pvt. Ltd., Alappuzha,
M/s. Shilpi Aquaculture Pvt. Ltd., Lakshadweep,
M/s. GPOL, Mangalore,
The Central Marine Fisheries Research Institute

The Central Marine Fisheries Research Institute (CMFRI), a premier institute under the Indian Council of Agricultural Research (ICAR), is currently engaged in developing an effective partnership between researchers and user groups through short-term and long-term training, consultancy and contract services in areas of expertise developed by the institute and topics of national/regional importance.

The Institute has developed and periodically updated many technologies in the areas of marine capture fisheries, sea farming, conservation and marine environment management. With a view to institutionalizing the transfer of technologies, a Consultancy Processing Cell (CPC) was created in CMFRI in 1997 as per ICAR norms for effectively serving the needs of clients.

The Institutes activities are carried out from its HQ at Kochi, 3 regional and 9 research centers spread along the Indian coast. A large group of experts in multidisciplinary marine research and allied subjects supported by fully equipped laboratories and trained technical staff are involved in the activities of the institute. The services are available for all user groups through consultancy/contract services managed by the Institute as per ICAR norms.
The Major Consultancy Areas

Marine Environment
- Primary & Secondary Production
- Physical & Chemical data
- Pollution monitoring
- Baseline Oceanographic data
- EIA Studies
- Assessment of carrying capacity of ecosystems
- Assessment of Biodiversity
- Bioprospecting
- Water & Soil analysis
- Environmental criteria for farm site selection
Fisheries Management

- Planning & implementation of sample surveys
- Coastal village/district wise fisheries production data collection, & interpretation.
- Craft/ gear infrastructure data generation and analyses
- Species-wise marine living resource production data
- Stock estimation and biological information for planning & management
- Trophic modeling & simulation of fishery scenarios
- Training on sampling methodology
- Fish stock assessment related computer software
- Generation, analyses and interpretation of socioeconomic data on craft-gear combination and marketing
- Taxonomy of marine organisms with special reference to pharmacological importance, commercially important ornamental fishes, corals, sponges, molluscs, echinoderms, crustaceans and their distribution, abundance and exploitation.
- Benthos, benthic biomass and ecology
- Pelagic and demersal resources, spatial and seasonal production potential
- Fishing gear impact assessment on the habitat resources
- Exploited resources and their food web inter-relationship
- Fishery forecasting/ remote sensing, modeling
- Marine aquarium planning, construction and management
- Artificial reef- site selection, construction and management
- Transmission and scanning electron microscopy

Coastal Aquaculture

- Farm site selection, estimation and evaluation of carrying capacity of culture systems/habitats
- Selection of cultivable species
- EIA of various aquaculture practices
- Hatchery technology for Shrimps, crabs, edible oysters, mussels, clams, pearl oysters, sea cucumber and ornamental and edible finfishes
- Large scale seed production and transport
- Physiology, nutrition, pathology and genetics of cultivable organisms
- Feed formulation
- Sea ranching and stock enhancement
- Micro-algal and live feed culture technologies

Mariculture Technology Packages

- Marine Penaeid Shrimp farming
- Crabs/Lobster fattening and live transport.
- Edible oyster culture
- Mussel culture
- Clam culture/ relaying
- Pearl oyster farming and pearl production
- Finfish culture and live transport
- Sea cucumber culture
- Seaweed culture

Training

- Fisheries resources, conservation and management
- Mariculture practices
- Underwater diving
- Sampling methodology, fish stock assessment related computer software
Since 1997, the institute has been offering consultancy services to industries in broad areas like marine pollution, EIA studies, underwater ecology and allied miscellaneous areas. The institute's consultancy programmes, training and contract research are available to a wide spectrum of government, public sector and private sector agencies at competitive rates.
Case Processing
Flow Chart

Consultancy proposal by client
Request to ICAR Institute Director
Identify the Group
Client discusses with members of the group / individual
Group submits proposal with prescribed MOU to client through CPC
Approval by ICAR / Director
Client deposits notified fee
Project work starts

Project work ends, report submitted to client through CPC
Requests modification
Accepts report

Final payment made
Distribution of consultancy fee

Accepts proposal
Modifies proposal
Report modified