• Kenya Marine and Fisheries Research Institute (KMFRI) is a State Corporation established in 1979 by the Science and Technology Act, Cap 250 of the Laws of Kenya, which has since been repealed by the Science, Technology and Innovation Act No. 28 of 2013

• Under the new act KMFRI is defined as a national research institution under section 56, fourth schedule
Mandate

• KMFRI's mandate is to undertake research in "marine and freshwater fisheries, aquaculture, environmental and ecological studies, and marine research including chemical and physical oceanography",
  – In order to contribute to sustainable exploitation, management and conservation of Kenya's fisheries and other aquatic resources
Specific role

- Multidisciplinary and collaborative research in aquatic ecology and fisheries;
- Collection and dissemination of scientific information on aquatic resources and related natural products;
- Identifying suitable species for culture including development, adoption and transfer of rearing technology and procedure;
- Research on chemical and physical processes that affect productivity of aquatic ecosystems;
- Monitoring water quality and pollution in fresh and marine water environments;
- Socio-economic research on aspects relevant to fisheries, environment and other aquatic resources;
- Marine and freshwater collections for research and training purposes;
- Offer training facilities to aquatic scientists;
- Research on fish quality control, post harvest preservation and value addition technologies
Vision

• A Centre of Excellence in Innovative Research in Marine and Fisheries
Mission

• Generate and disseminate scientific information for sustainable utilization of marine and fisheries resources, development of strategic enterprises, food security, employment creation, conservation and restoration of the aquatic environment
Core values

• Integrity, transparency and accountability
• Professionalism
• Team work
• Equity and equality
• Information sharing
• Partnerships
• Sustainable development
• Enterprising
Centres and Stations

- Mombasa HQ s & Centre
- Kisumu
- Sagana
- Naivasha
- Baringo
- Kegati
- Turkana
- Sang’oro
- Kwale-Gazi/Shimoni
- Nairobi -liaison office

For more information: www.kmfri.co.ke
Our Presence
KMFRI ORGANIZATION STRUCTURE
Oceanography & Hydrography

- Physio-chemical, biological and geological oceanography of the inshore, near shore, and offshore waters
- Critical habitats - mangroves, seagrass beds and corals
- Water quality - pollution and nutrient dynamics
- Marine geology
- Inter-relationships between biota and their aquatic environments in relation to fisheries, aquaculture and conservation of biodiversity
- Integrated coastal Zone Management (ICZM) approach in the management of coastal and marine resources
Fisheries

- Inventorying and assessment of fish stocks
- Post-harvest technology and value addition
- Fish safety and quality
Limnology

RESEARCH ON:

• Structure of inland aquatic ecosystems in relation to water quality, biodiversity and fisheries
• Interaction of various biological processes, lake morphometry, hydrology, state of heat, stratification, stability and nutrient dynamics
• Biodiversity in inland water bodies and use landscape data in the conservation of aquatic biodiversity
Aquaculture research & development

- New and adaptive culture species and techniques for enhanced fish production in different culture systems.

- Technology transfer in seed and feed production, hatchery development and market linkages for increased fish production.
Socio-economics

This Department cuts across all divisions.

• Focuses on establishing cost-effective methods for sustainable exploitation of the aquatic resources
• Tracks the socio-economic impacts of fisheries and aquatic resources management activities
• Undertakes studies on food security, livelihoods, fish markets and supply channels for both processed and unprocessed products
• Evaluates the economic viability of aquaculture
• Conducts economic valuation of critical aquatic ecosystems
• Taps indigenous knowledge and integrates it into management strategies for aquatic resources
Other support services

- Laboratory,
- Maritime
- Information, knowledge management
STRATEGIC FOCUS
Result area 1 – Research & innovation

STRATEGIC OBJECTIVES

• Conduct quality, innovative, demand-driven and relevant research in aquatic ecosystems

• Undertake research on promotion of investments in the Blue Economy

• Disseminate research information and innovative technologies to stakeholders
Result area 2: Transfer of technology and community outreach

Members of Umoja Self Help Group supported through KMFRI and Kenya Coast Development Project (KCDP) harvesting milkfish with average weight of 500 grams from KCDP ponds in Kibokoni Kilifi County on 28th June 2017.

Natural Products and Post Harvest Technology
KMFRi is training local communities in South Coast through beach management unit on improved fish processing and value addition.

KMFRi links with local communities
Makongeni fish pond construction in South Coast under aquaculture programme.
Key result Area 3: Resource mobilization and institutional capacity building

STRATEGIC OBJECTIVES

• Mobilize financial and human resources to implement KMFRI’s core functions and develop research infrastructure

• Strengthen institutional structure and capacity
Key result area 4: Collaboration and partnerships