

Consultancy to Develop and Update Database on Fisheries and Aquaculture and Develop Mechanism for Data Management

Implementer: AU Centre of Excellence in Marine Fisheries and Coastal Zone Management, Department of Fisheries and Aquatic Sciences, University of Cape Coast

Brief Description

The presentation covers a brief background to the University of Cape Coast and the Department of Fisheries and Aquatic Sciences nested within the University, the academic programmes and research areas of the Department, as well as some funded projects involving the Department in their implementation. In addition, the presentation provides a summary to the consultancy, its purpose and expected outputs.

Description of Consultancy

This consultancy is to develop and update a database on fisheries and aquaculture in Africa as a repository within AU institutions and develop mechanism for data entry, retrieval & updating, taking into consideration and establishing linkage with existing information systems such as AU-IBAR Animal Resources Information Systems (ARIS). It is envisaged that this exercise will be of benefit to the African Union Member States (AU MS) for rational utilization and effective management of fisheries and aquaculture resources in Africa.

The main purpose is to conduct studies targeted at enhancing effective fisheries and aquaculture data management systems/practices for AU stakeholders to have access to quality knowledge products on African fisheries and aquaculture.

The work involves four (4) work packages that address the result areas of the consultancy. These are

1. Develop and/or update database on fisheries and aquaculture in Africa
2. Develop mechanism for data entry, retrieval & updating, taking into consideration and establishing linkage with existing information systems such as AU-IBAR Animal Resources Information Systems (ARIS)
3. Identify sources of fisheries, aquaculture, socio-economics and climate/environmental related data (research and statistics) from relevant institutions in AU MS
4. Strengthen the capacity of AU member states on the harmonization and use of database for data storage, retrieval, interpretation and online submission to the Central Data Repository.

Expected Outputs and Outcomes

The main outputs of this consultancy include

- i. a central repository for storage, retrieval and dissemination of relevant statistical and research data on fisheries, aquaculture and environment among others established.
- ii. studies to improve and update database on fisheries and aquaculture and formulate effective mechanism for efficient fisheries and aquaculture data management undertaken;
- iii. training on utilization and management of the established database conducted.

The outcome of this continental database will be improved data availability and accessibility. The database will play a pivotal role in the activities and decisions of all stakeholders including the AU, state and non-state actors, RFBs, RECs, etc. The outcomes will contribute to strengthening sustainable management of the fisheries and aquaculture sector in Africa. This will importantly feed into achieving both continental and global development goals on sustainable fisheries, livelihoods sustainability and food security importantly AU Agenda 2063