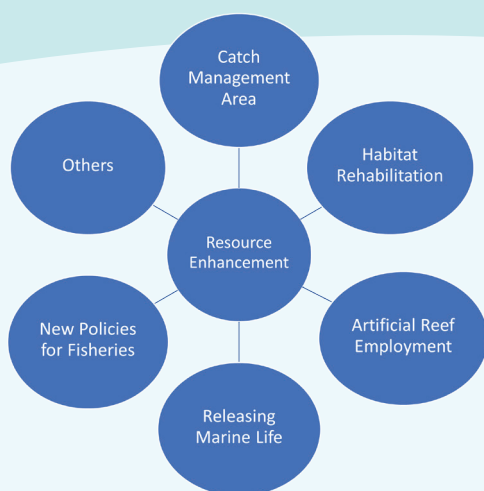


FISHERIES RESOURCE ENHANCEMENT in Southeast Asia



Southeast Asia is blessed with high productivity of fishery resources because of its rich marine ecosystem. In 2017, marine fisheries production in the region was 17,332,227 t generating USD 25,292 million. However, during the past several decades, the growth of human population as well as the development of aquaculture and fishery-related industries have made great demands on fish and fishery products. Unfortunately, these increased demands and the corresponding technology have resulted in the overexploitation of some economically important pelagic and demersal fish species.



To ensure the sustainable utilization of fishery resources and protection of habitats, the approaches to fisheries resource enhancement in the region include:

1. Catch area management
2. Habitat rehabilitation
3. Artificial reef deployment
4. Sea ranching
5. Fisheries policy formulation
6. Others

Accordingly, the SEAFDEC Training Department (TD) implemented the project “Sustainable Utilization of Fisheries Resources and Fisheries Resource Enhancement in Southeast Asia” from 2020 to 2024 with the goal of achieving sustainable utilization of marine fisheries resources in Southeast Asia.



The main activities of the project are as follows:

1. Conducting regional consultation meeting on determining the fisheries resource enhancement issues and action plan
2. Promoting sustainable fishery resources enhancement measures in critical habitats/fishing grounds in Southeast Asia
3. Identifying the critical fishing grounds as well as spawning and nursery grounds based on the existing information and research works
4. Rehabilitating the critical habitats/fishing grounds of SEAFDEC Member Countries
5. Building the capacity of human resources of the ASEAN Member States related to fishery resources enhancement including
 - Fish larvae survey to determine spawning-nursing ground and season
 - Design and installation of artificial reef
6. Producing the Standard Operating Procedures (SOPs) for Evaluation of Artificial Reefs Installation to Enhance Marine Resources: Case Study of Fish Enhancing Devices