



STOCK ENHANCEMENT BLUE SWIMMING CRAB IN EAST JAVA

September 2024



To support long-term sustainability efforts for crab in Indonesia, the role of stocks is important. APRI has carried out data collection in various locations in Indonesia to be able to see the condition of crab stocks in nature continuously, as a basis for management. In line with this, efforts to increase the stock of crabs in nature continue to be carried out through various steps, one of which is carrying out restocking activities. APRI has carried out restocking activities as a series of efforts to increase stock or stock enhancement of crab in Indonesian waters. Since several years ago, restocking has been carried out in several areas such as Takalar, Lamongan, Pamekasan, and Situbondo.

Activities in Situbondo were carried out with the release of crablets which was carried out on 29-31 August 2024 where before being released, tagging of crablets was carried out using special tools. Crablets are released in locations that have seagrass areas in the hope of providing natural shelter to provide protection for crablets as well as providing natural nutrients from the seagrass ecosystem, thereby increasing their survival.

APRI collaborate with Hasanuddin University, Institute of Marine and Environmental Technology (IMET), and Smithsonian Environmental Research Center (SERC) to conduct research on stock enhancement activities including production of crablets, tagging, restocking, and monitoring. Pre-liminary study to see and mapping the potential area for restocking also being conducted by the field survey using boat and traps. Pre-liminary study found that the seagrass bed will be the good area to conduct the activities. About 4900 crablets were tagged and released to the seagrass area and monitoring results show that the restocking able to enhance the crab stock about 40-60%.