

Satoumi Activities in Indonesia

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Since excessive intensive shrimp farming activities have been developed along the coastal areas of Indonesia during the 1980s, coastal environment has been degraded and resulted in brackish water prawn productivity declining from 4 tons per hectare (ha) to less than 1 ton per ha. As consequences, the utilization of brackish water pond that reaches 1,2 million ha decreases to 37.5 %, while in the onshore coastal area, the marine culture activities is only occupied 2 % of 4.5 million ha potential area due to mismanagement of the coastal resources environment as well as poor technology on the provision of seeds and marine culture. To overcome the utilization of coastal and marine resources within Indonesian region, it is time to implement the concept of management and utilization of natural resources taking into account the balance and stability of the natural resources and the environment, such as in the concept of Satoumi. By applying the Integrated Multi Tropic Aquaculture (IMTA) model on the bases of bio-recycle system and Satoumi concept in the coastal and marine area, it is expected that coastal environment conditions can be more stable and productive. To socialize the concept of Satoumi, the workshop, training and demonstration plot development activities cooperate with various stakeholder of the National and International Organization such as International EMECS Center and PICES (The North Pacific Marine Science Organization) has been conducted since 2013. The objective of the workshop, training and demonstration plot experiment is to inspire and give new spirit to manage coastal and marine resources optimally, harmonious and productive to improve human well-being. The Sato Umi concept application is being expanded to the west and eastern coastal area of Indonesia.

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