

# COASTAL COMMUNITY RESILIENCE PROJECT

## COMPOSITE AGRICULTURE

Component -1: Saline Tolerant Crop Cultivation

Component-2: Brackish water fish farming

Component-3: Saline Tolerant Vegetables cultivation on dyke



### OVERVIEW:

#### Building Resilience Among Coastal People

Coastal areas where land use is limited due to salinity invasion, frequent tidal inundation, water stagnation, so diversification in a same piece of land can maximize the land utilization. So a new approach and strategy of livelihood options is being promoted by Coastal Community Resilience Project. This climate adaptive agriculture model is being scaled up as composite agriculture model which is the integration of vegetable on raised dike around the farm land, fishes in channel and rice in middle through following a number of management practices in light of climate change adaptation and disaster risk reduction.

Multiple use of land has increased production and income and reduced risk of single crop failure that ultimately helped to build their resilience

Inclusion of vegetables in the crop-fish system can make the most use of space and resources and thus increase income of the resource poor vulnerable farmers of the coastal area. In crop-fish-vegetable farming, the rice paddy is left open to encourage the fish to enter and swim around the paddy. When water levels drop, the fish stay in the ditches surrounding the crop field. The pond is used to water the vegetables growing on the surrounding dykes

