



Seagrass Ecosystem for Sustainable Development



Dugongs



Trang is the largest habitat for dugongs in Thailand

From 1993, there were 110-125. Increasingly, there are 187 dugongs now.



Drone innovation

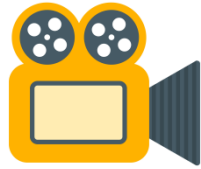
- Prevent illegal Fishery
- Prevent Dugong Disturb
- Study behavior and
- abnormality of dugongs
- Watch dugong in distance via real-time screen for tourists who can't get to the dugong watching tower.





Dugongs Behavior from Drone





Dugongs in seagrass meadows





Seagrass

- Seagrass area more than 55 square kilometer, increasingly 3% from 2021 area 53 square kilometer.
- Area of more than 55 square kilometer of seagrass meadows can reduce global warming, absorb 45.5 million tons of Carbon dioxide via photosynthesis.



Natural Seagrass Source



Collect the rhizome form marine debris



Revive the rhizome in aerated seawater



Students' Activity



1. Study on type and ecology of seagrass, animals which lives in seagrass meadows



Schools under the municipality Includes learning

activities about Planting sea grass and increase seagrass area

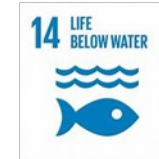


2. Planting seagrass to increase seagrass area









Economics Development on good environment; Emphasizing on marine resources



* Seagrass ecosystem leads to seafood and ecotourism for watching dugongs.





[video](#)

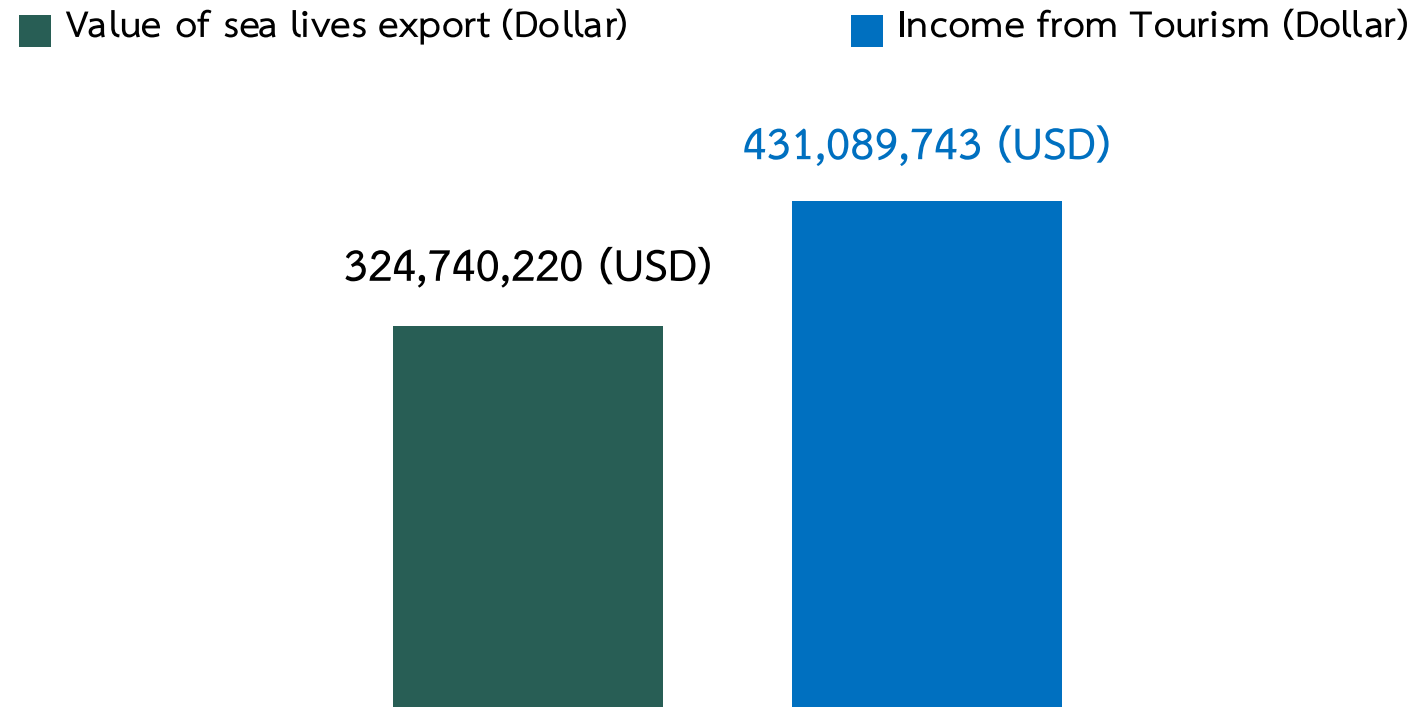
Dugong Watching Site







Income from sea aquatic animal export and from tourism of Trang Year 2021



Reference : Office of Provincial Fishery Trang

Division of Economic, Tourism, and Sports Ministry of Tourism and Sports

Recent First National Prize We Received





RCE TRANG



Thank you