

A B S T R A C T

Ahmad Agung Firwanto, 2014. **Based Marine Tourism Grouper Aquaculture in Tuban.**

Lector: Aldrin Yusuf Firmansyah, MT, Arief Rakhman Setiono, MT, Tarranita Kusumadewi, MT.

Keywords: *Marine Tourism, Grouper Aquaculture, Ecological Architecture.*

Marine Tourism is one destination that promotes recreation potential of the natural virtues, especially the potential of marine natural. Sea has huge potential, the potential to be developed to be able to produce a result that places high value and can provide references for the tourist community. Sea is indeed one of the natural potential that should be developed through a wealth of natural and artificial terms of man management in the form of tourist attractions. With the presence of marine tourism is expected to accommodate the needs of travelers as marine tourism options available at this time.

Marine tourism is also a focus for grouper fish farming as a form of reciprocal environmental sustainability in the area of marine tourism marine. Grouper fish farming is a supporter of marine tourism and give a different impression of the marine tourism in general. Using the grouper aquaculture due to the positive value of this fish is very high, both in terms of aesthetics, as well as the financial benefits of culinary options for the visitors of nautical tourism. Tuban is the location of the design-based marine tourism this grouper culture. District located in the northwest part of the province of East Java has a vast sea line, making it very suitable to be used as a marine tourism.

Ecology is one embodiment of a way to preserve the natural environment. Thus ecology as the basis of the design of ecological architecture themed tours. Application of this theme is to realize the design in harmony with nature without destroying it and can maintain the environmental conditions as well as provide tradeoffs between architecture and nature. With the foundation of this design theme can be developed as a concept of design by taking the principles of ecological architecture in the design.

Based marine tourism grouper is a tourist spot that has a background grouper hatchery or breeding to breed and studied. The design is also a great place to further highlight the potential of the sea as a main component, groupers as supporting functions in the design of Marine Tourism Center Based Grouper Aquaculture In Tuban and tourist center is expected to bring a more interesting and instructive to visitors.