

## **ABSTRACT**

### **ECOTOURISM LANDSCAPE PLANNING OF MANGROVE FOREST IN SARI RINGGUNG BEACH SIDODADI VILAGE PADANG CERMIN PESAWARAN**

**Oleh**

**BAGUS NUGRAHA**

Ecotourism is a utilization of mangrove forest ecosystems in a sustainable manner through tourism activities that are responsible to environment. The application of the ecotourism concept in the mangrove forest area in Sari Ringgung Beach Sidodadi Village of Padang Cermin Pesawaran is expected to reduce the damage to mangrove ecosystems by increasing public awareness of the mangroves existence. This research objectives are to develop a plan of mangrove forest ecotourism through the exploration landscape potential in the form of biophysical elements and social community.

Mangrove forest in Sari Ringgung Beach has ecotourism potential including physical and visual condition, plants diversity and mangrove wildlife animals, visitors crowd, and good community support. Ecotourism plan is designed by the spatial distribution of ecotourism into 15 ha as reception area, 2 ha as service area, 68 ha as buffer area, and 12 ha as ecotourism area. Ecotourism access is developed in three path circulation are: paving block path in the dry land route,

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boardwalk path to cross the wetlands, and ships route to cross the open beach. Coconut and Pine selected as a space filler plants and various types of mangrove as wetlands rehabilitation plants.

The main attractions that can be enjoyed in the mangrove forest Sari Ringgung each by visitors are *Alcedo sp.* birds species and dominance of the mangrove species *Rhizophora apiculata*. Visitors also can perform activity recognition, observation, and follow the mangrove planting activities.

Kata kunci: ecotourism, mangrove, landscape planning