

ECOTOURISM PLANNING OF SENGGIGI BEACH AND ITS SURROUNDING BASED ON HAZARD VULNERABILITY

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Abstract: Lombok Island is one of famous island for its beaches tourist sites, especially Senggigi Beach. Senggigi beach and its surrounding up to Gili Terawangan Island have white sand, beautiful scenery and the crashing waves really spoil the tourists who arrive in this region. The physical environment of Senggigi Beach and surrounding is located at the foot of the slopes of hills and valleys. With condition a very potential for tourism, investment for hotel and settlement is growing increasingly in this region from west up to north of Lombok. This condition needs to be aware in terms of land and water carrying capacity. Is still enough to provide of its inhabitants life? What kind of disaster potential and should be informed to public related to developments of hotels and settlements in this region? Therefore, by using the remote sensing data and secondary data as well as physically spatial analysis based on landform units for assessing the carrying capacity of land, water and forest, will be known the disasters potential in this area. This information can be used by local government and all stakeholders who involves in ecotourism in this area for anticipating and preventing as well as to minimize the impact of the disasters.

Key word : Senggigi Beach, ecotourism, carrying capacity, hazard vulnerability, remote sensing applications.