

POTENTIAL DEVELOPMENT AND DISASTER RISK OF NATURE TOURISM IN LOMBOK ISLAND, WEST NUSA TENGGARA, INDONESIA

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Abstract

Potential development of nature tourism in Lombok Island, West Nusa Tenggara Province, makes this area as a favorite tourism destination in Indonesia. Physical condition of Lombok Island and also several Island around it can be detected by remotely sensed data. To develop nature tourism, people should make Analysis physical condition related to tourism location as well as their potential disaster risk. The distribution location of tourism object can be seen clearly and have good scene by satellite remote sensing data. The landforms scene such as steepness slope, highest location, internal relief, and also litology have capacity of hazard risk. Some areas in Lombok Island have high classes Disaster index such as West Lombok, East Lombok, Central Lombok and Mataram City, while North Lombok has medium disaster classes Index. Some disaster history came in Lombok Island those are tide wave or tsunami, coastal or beach abrasion, earth quake, landslide, flood, as well as drought. The natural beauty and noble culture in tourism manner have local wisdom for hazard anticipation. If the disaster hazards can be managed properly, potential of nature tourism in Lombok can be developed. Finally, people can take advantages for these effects.

Key word : *remote sensing applications, Landscape, tourism potential, disaster risk,.*

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