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HGG001-12

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## Land use change and natural disaster in Phuket Island

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The author analyzed the community-based activities and response for great 2004 Tsunami along the west coast in Phuket and described landform map of pocket beach and vulnerability map. The rapid land use change and development for resort such as building the hotels, shopping markets and parks was studied and compared with environment factor for evaluation. Immigration and land use change guided for difference prevention and mitigation activities. In two decade, the land use change in Phuket pushed hazard vulnerability and local community-based prevention activities. The Thai traditional society holding the community-based activities where did not affected by development for international resort area. Geographers should propose the appropriate land use planning and building community-based activities against mitigation.

Keywords: Tsunami, land use, landform, Phket, disaster prevention