

Nareerat Thanakasem 2006: Safety Management of Tsunami Evacuation Routes:
A Case Study of Thawewong and Bangla Roads, Patong Beach, Kathu District,
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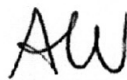
The objectives of this thesis are to study the general characteristics of the study area
(Thawewong part I and II, Thawewong junction and Bangla Roads), including the communication
road at Patong beach. The results of this study will propose several ideas for safety management
system in terms of emergency evacuation routes at Patong beach.

The study shows that the increase of tourists at the study area is not only the impacts on the
carrying capacity, speed, flow and time for passage of evacuee in certain conditions (normal, uncertain
and crisis situation), but also the effects to the safety management system.

Having the maximum safety management and increasing efficiency : the sirens should cover
to 3,000 meters from the beach with the several rhythms in warning system ; evacuation exercises are
needed ; reconsideration the traffic and land uses system along the beach and study areas and closed
cooperation and coordination with local people, communities and other parties.



Student's signature



Thesis Advisor's signature

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