

EFFECT OF TOURISM ACTIVITIES ON BEACH MORPHOLGY AND
SEDIMENT SIZE AT KELULUT AND BATU BUROK BEACH

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**EFFECT OF TOURISM ACTIVITIES ON BEACH MORPHOLGY AND SEDIMENT
SIZE AT KELULUT AND BATU BUROK BEACH**

By

Noramizah binti Mohd Kassim

**Research Report submitted in partial fulfillment of
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**DEPARTMENT OF MARINE SCIENCE
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DECLARATION AND VERIFICATION REPORT

FINAL YEAR RESEARCH PROJECT

It is hereby declared and verified that this research report entitled:

Effect of Tourism Activities on Beach Morphology and Sediment Size at Kelulut and Batu Burok Beach by **Noramizah binti Mohd Kassim** Matric No. **UK 16556** have been examined and all errors identified have been corrected. This report is submitted to the Department of Marine Science as partial fulfillment towards obtaining the Degree of Science (Marine Science), Faculty of Maritime Studies and Marine Science, Universiti Malaysia Terengganu.

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LIST OF ABBREVIATIONS

%	-	percentage
g	-	gram
Φ	-	phi
mm	-	millimeter
nm	-	nanometer
$^{\circ}$	-	degree
'	-	minutes
N	-	north
E	-	east
W	-	west

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ABSTRACT

Terengganu is one of the state in Malaysia that known as a popular tourist destination in Malaysia. Based on State Tourism Development Plan (2009-2013), the vision is to make state government as the State Tourism Destination and Source of State Economic Growth. There are seven types of popular beaches in Terengganu, but only two types of beaches are chosen that is Kelulut Beach and Batu Burok Beach. The selection of the two beaches is to compare the factor selection by the visitors and the impact of tourism and development carried out on the beach. Studies of human activities that could affect the beach are conducted through observation and the beach profile while the effect of sediment carried out by analyzing the sediment. The questionnaire is to determine the characteristics of beach tourist attractions. Observations is to determine the number of visitors at onetime and the activities. Every sampling methodology each carried out in May 2010, November 2010 and January 2011.

KESAN AKTIVITI PELANCONGAN KE ATAS MORFOLOGI PANTAI DAN SEDIMENT DI PANTAI KELULUT DAN PANTAI BATU BUROK

ABSTRAK

Negeri Terengganu terkenal sebagai destinasi pelancongan yang popular di Malaysia. Berdasarkan Rancangan Pembangunan Pelancongan Negeri Terengganu (2009-2013), visi kerajaan Negeri adalah menjadikan Negeri Terengganu sebagai Destinasi Pelancongan dan Punca Pertumbuhan Baru Ekonomi Negeri Terengganu. Terdapat 7 jenis pantai yang popular di Terengganu, namun hanya dua jenis pantai yang menjadi pilihan kajian iaitu Pantai Kelulut dan Pantai Batu Burok. Pemilihan kedua-dua pantai ini adalah untuk membandingkan factor pemilihan oleh pengunjung dan kesan kedatangan pelancongan dan pembangunan yang dijalankan ke atas pantai. Kajian aktiviti manusia yang mampu memberi kesan kepada pantai dijalankan melalui pemerhatian dan profil pantai manakala kesan kepada sedimen dijalankan dengan cara menganalisis sedimen. Soal selidik dilakukan untuk mengetahui ciri-ciri pantai yang menjadi tarikan para pelancong. Pemerhatian pula adalah untuk mengetahui bilangan kedatangan pengunjung pada satu-satu masa dan aktiviti yang dilakukan. Penyampelan setiap metodologi dilakukan pada bulan Mei 2010, November 2010 dan Januari 2011.