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ATTITUDE AND AWARENESS OF THE LOCAL COMMUNITIES CONCERNING
THE IMPORTANCE AND CONSERVATION OF MANGROVE FORESTS: A CASE
STUDY OF KELANTAN DELTA, TUMPAT.

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To my mom and dad

Mr. Zamri Ahmad

Mrs. Rahmah Sudri

My lovely siblings

Elias Yusri Zamri

Iylia Huzaiifah Zamri

Huda Rauhah Zamri

My love ones

Mr. Mohd. Solahuddin Daud

Grandmoms, Uncles and Aunts....

You're my special thing

You're the place my life begins and you'll be where it end....

**ATTITUDE AND AWARENESS OF THE LOCAL COMMUNITIES
CONCERNING THE IMPORTANCE AND CONSERVATION OF
MANGROVE FORESTS: A CASE STUDY OF KELANTAN DELTA,
TUMPAT.**

By

Faezah Nor binti Zamri

**Research Report submitted in partial fulfillment of
the requirements for the degree of
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**JABATAN SAINS SAMUDERA
FAKULTI SAINS DAN TEKNOLOGI
KOLEJ UNIVERSITI SAINS DAN TEKNOLOGI
MALAYSIA**

**PENGAKUAN DAN PENGESAHAN LAPORAN
PROJEK PENYELIDIKAN I DAN II**

Adalah ini diakui dan disahkan bahawa laporan penyelidikan bertajuk :

ATTITUDE AND AWARENESS OF THE LOCAL COMMUNITIES CONCERNING THE IMPORTANCE AND CONSERVATION OF MANGROVE FORESTS: A CASE STUDY OF KELANTAN DELTA, TUMPAT oleh **FAEZAH NOR BINTI ZAMRI** No.matrik **UK 7747** telah diperiksa dan semua pembetulan yang disarankan telah dilakukan. Laporan ini dikemukakan kepada Jabatan Sains Samudera sebagai memenuhi sebahagian daripada keperluan memperolehi Ijazah **SARJANA MUDA SAINS (BIOLOGI MARIN)**, Fakulti Sains dan Teknologi, Kolej Universiti Sains dan Teknologi Malaysia.

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LIST OF ABBREVIATIONS

%	-	Percentage
Dec.	-	December
DOM	-	Dissolve organic matter
FAO	-	Food and Agriculture Organization
Fig.	-	Figure
GIS	-	Geographical Information System
Kg.	-	Kampung
KUSTEM	-	Kolej Universiti Sains dan Teknologi Malaysia
No.	-	Number
<i>n</i>	-	Total repondents
Prof.	-	Professor
P. Che Minah	-	Pulau Che Minah
P. Ekor Che Tahir	-	Pulau Ekor Che Tahir
P. Che Soh	-	Pulau Che Soh
P. Terendak	-	Pulau Terendak
P. Che Lah	-	Pulau Che Lah
P. Timun	-	Pulau Timun
P. Tongkang	-	Pulau Tongkang
P. Suri	-	Pulau Suri
P. Haji Nik Mat	-	Pulau Haji Nik Mat

P. Seratus	-	Pulau Seratus
P. Beluru	-	Pulau Beluru
P. Renjuna	-	Pulau Renjuna
P. Kuda	-	Pulau Kuda
P. Dollah	-	Pulau Dollah
P. Che Tahir	-	Pulau Che Tahir
P. Rulah	-	Pulau Rulah
Tg.	-	Tanjung

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ABSTRACT

This case study was conducted in Kelantan Delta, Tumpat to assess the local communities' attitude and awareness concerning the importance and conservation of mangroves. Analysis is based on a survey data collected using face-to-face questionnaire interviews and self-administered questionnaires form. The results showed that local peoples here generally had moderate awareness level towards mangrove forest ecosystems. It is because they were more aware of the direct benefits that mangroves provide rather than their indirect benefits. However, most of them were gave positive responses regarding participation in mangroves conservation at this area. The awareness and appreciation by the local people of the functions performed by the mangrove forest is a positive sign for conservation of the area. Therefore, the local governments should formulate a proper management plan in conservation of mangrove forests at Kelantan Delta in order to sustain their unique benefits and functions either to humans or environment.

ABSTRAK

Kajian kes ini telah dijalankan di Delta Kelantan, Tumpat untuk menilai tahap kesedaran dan sikap masyarakat tempatan terhadap kepentingan dan pemuliharaan hutan paya laut. Analisis adalah berdasarkan daripada data tizauan yang diperolehi melalui soal selidik temubual secara langsung dengan responden dan secara mengisi sendiri borang soal selidik. Hasil daripada kajian ini menunjukkan bahawa secara amnya, tahap kesedaran masyarakat tempatan di sini terhadap ekosistem hutan paya laut masih lagi berada pada tahap yang sederhana. Ini disebabkan mereka lebih menyedari tentang peranan langsung hutan paya laut berbanding dengan peranan tidak langsung yang diberikan oleh hutan paya laut. Namun begitu, kebanyakan daripada mereka memberi respon yang positif tentang penyertaan mereka untuk terlibat dalam pemuliharaan hutan paya laut di kawasan ini. Kesedaran dan penghargaan oleh masyarakat tempatan terhadap peranan-peranan yang dimainkan oleh hutan paya laut, memberikan petanda positif kepada aktiviti pemuliharaan di kawasan tersebut. Oleh itu, Kerajaan Tempatan haruslah menyediakan satu pelan pengurusan yang teratur dalam usaha memulihara hutan paya laut di Delta Kelantan supaya faedah dan fungsi-fungsinya yang unik sama ada kepada manusia atau persekitaran, dapat dikekalkan.