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Socioeconomic impact of flooding on the people in Segamat,  
Johor / Joanna Chong.

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Lihat Sebelah

**SOCIOECONOMIC IMPACT OF FLOODING  
ON THE PEOPLE IN SEGAMAT, JOHOR**

**JOANNA CHONG  
BACHELOR OF ECONOMICS (NATURAL RESOURCES)**

**THIS PROJECT IS SUBMITTED IN PARTIAL  
FULFILLMENT OF THE REQUIREMENT OF THE  
DEGREE OF BACHELOR OF ECONOMICS  
(NATURAL RESOURCES)**


**FACULTY OF MANAGEMENT AND ECONOMICS  
UNIVERSITI MALAYSIA TERENGGANU**

**2010**

## DECLARATION

I hereby declare that this Project Paper (EKN 4399B) is the result of my own investigation and findings, except where otherwise stated.

10<sup>th</sup> April 2010



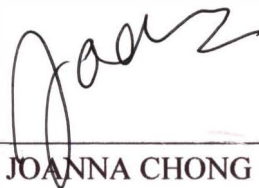
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## PENGAKUAN

Saya akui Kertas Projek (EKN 4399B) ini adalah hasil kajian saya sendiri kecuali sumber-sumber yang telah saya jelaskan rujukannya.

10<sup>th</sup> April 2010



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## ACKNOWLEDGEMENT

I am grateful to my supervisor, Dr. Md. Wahid Murad for his guidance and suggestions throughout this project. Besides that, I am grateful to other lecturers who helped me in completing this project successfully.

Moreover, I am thankful to my friends, classmates, and senior friends who helped me in my study. In addition, I thank all the respondents who were interviewed for the purpose of collecting primary data for my study. Their cooperation during the interview made this project a reality. Without their support, it would have been difficult for me to finish my study smoothly. Finally, I feel proud of getting support from my family. They sacrificed a lot for me while I was conducting this project. Without their support, I could not have finished the survey for my project.

Finally, I am thankful to respective authorities of Universiti Malaysia Terengganu for providing me everything necessary for conducting and completing this project.

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## **ABSTRACT**

The overall objective of this study is to determine and analyze the socioeconomic impacts of flood on the people in Segamat, Johor. In order to accomplish the stated objective, the study conducted a survey using a purposive sampling among the flood affected people in Segamat and collected data through the face-to-face interview. A structured questionnaire was used to collect data from a total of 120 respondents in the study area. Descriptive statistics such percentage, pie-chart, histogram, table, and graph have widely been used to present the findings in a meaningful way. Chi-square test was also conducted in order to see the causal relationship between and among variables. The results, however, reveal that most respondents have had suffered from enormous environmental and socio-economic problems during and after the flood in their residential area. As indicated by the respondents, the aftermaths of the flood in their area could have been avoided or minimized if they were informed of the situation earlier or they would have taken some necessary and precautionary measures. The most respondents also indicated that the loss of property due to flood is not recoverable and that the government policies in order to tackle the flood in their area are not adequate. The study suggests, among others, that the local government or appropriate authorities should improve the underground drainage system, rise up the ground altitude, give financial or resource support to the flood affected communities to build brick house, foster the role of local governments in tackling flood, and involve the local communities in order to fight against any flood occurrence in the future.

## ABSTRAK

Tujuan keseluruhan dari kajian ini adalah untuk menentukan dan menganalisis kesan sosial ekonomi banjir pada masyarakat di Segamat, Johor. Untuk mencapai tujuan, kajian ini melakukan pemantauan dengan menggunakan sampel purposif terhadap para mangsa banjir di Segamat dan data dikumpulkan melalui wawancara tatap muka. Soal-selidik yang berstruktur digunakan untuk mengumpul data daripada 120 responden di kawasan kajian. Statistik deskriptif seperti peratusan, carta pai, histogram, jadual, dan graf yang digunakan secara meluas untuk menyampaikan hasil-hasil output dalam penjelasan yang jelas. Ujian khi kuasa dua juga dilakukan untuk melihat hubungan antara dan di antara pembolehubah. Namun, hasil kajian menunjukkan bahawa sebahagian besar responden telah dipengaruhi oleh masalah persekitaran dan sosial-ekonomi semasa dan selepas banjir di daerah pemukiman mereka. Seperti yang ditunjukkan oleh responden, kesan daripada banjir di daerah mereka boleh dielakkan atau diminimalkan jika mereka diberitahu maklumat situasi awal atau mereka mengambil beberapa tindakan yang perlu dan pencegahan. Para responden juga menunjukkan bahawa kehilangan harta benda semasa banjir tidak dapat dipulihkan dan dasar kerajaan dalam mengatasi banjir di daerah mereka tidak mencukupi. Kajian ini mencadangkan bahawa pemerintah daerah atau pihak berkuasa harus memperbaiki sistem pengaliran air bawah tanah, menambahkan ketinggian bangkit tanah, memberikan bantuan kewangan atau daya sumber kepada masyarakat yang terkena dampak banjir untuk membina rumah batu-bata, mendorong peranan pemerintah daerah dalam menangani banjir, dan melibatkan masyarakat tempatan untuk mencegah segala kejadian banjir pada masa akan datang.