

UNIVERSITI TEKNOLOGI MARA

**AEDES BREEDING INDICES
AT PUBLIC NEGLECTED AREAS:
A CASE STUDY IN
BATU RAKIT TERENGGANU.**

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Project paper submitted in partial fulfillment of the requirements for
the degree of Bachelor in Environmental Health and Safety (Hons.)

Faculty of Health Sciences

January 2014

Declaration by Student

Project entitled "AEDES BREEDING INDICES AT PUBLIC NEGLECTED AREAS: A CASE STUDY IN BATU RAKIT TERENGGANU." is a presentation of my original research work. Wherever contributions of others are involved, every effort is made to indicate this clearly, with due reference to the literature, and acknowledgement of collaborative research and discussions. The project was done under the guidance of EN. HASHIM BIN AHMAD as Project Supervisor and EN. MEGAT AZMAN BIN MEGAT MOKHTAR as Co- supervisor. It has been submitted to the Faculty of Health Sciences in partial fulfillment of the requirement for the Degree of Bachelor in Environmental Health and Safety (Hons).

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660822-08-5087

Date: 4/2/2014.....

ACKNOWLEDGEMENT

Alhamdulillah, thanks to the Almighty Allah for giving opportunity and space for me to complete this project.

Special thanks to Mr Mohd Yusof Abd Rahman, Director of Public Health College, Batu Rakit Kuala Terengganu for his support and thanks also to all the staff for giving their full co-operation.

Thanks also to, Prof. Madya Dr. Rodziah Ismail, Mr Nasaruddin Abd Rahman and Mr Ahmad Razali Ishak, also especially to Mr. Hashim Ahmad, as my supervisor and Mr Megat Azman Megat Mokhtar as my co-supervisor for their useful comments, remarks and engagement through the learning process on completing this project.

Thank you to my colleagues and friends for guidance and supporting me.

Also, I like to thank the participants in my survey, who have willingly shared their precious time during the process of interviewing. I would like to thank my loved ones, who have supported me throughout entire process, both by keeping me harmonious and helping me putting peaces together. I will be grateful forever for your love.

Furthermore I would also like to thank my parents for their endless love and support.

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Abstract

Aedes breeding indices at public neglected areas: A case study in Batu Rakit Terengganu.

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Introduction: This study focus the Aedes breeding in 'neglected area' at Tapak Pasar Malam, and Beach, Kg. Pengkalan Maras, Batu Rakit. Objectives: The indices associates to the knowledge, attitude and practice (KAP) level of the community members around the site. Besides this study is to identify the Aedes breeding places and the factor attract it such as type of container, pH, temperature and water conductivity. **Methods:** The mosquitos breeding container will be map point locations into Garmin GPS, and the characteristic is recorded. 60 respondent will be interview.

Results: Aedes breeding found in a wide range of pH, temperature and water conductivity. It is mean Aedes easily survives and breeding.

Interpretation and conclusion: The respondent knowledge towards dengue is good. Unfortunately, 90% respondent believes the littering could be practise if trash bin not accommodate. Observation found majority of hawkers and visitors to the night market littering their waste same with visitors to the Beach, Kg. Pengkalan Maras.

Law enforcement is necessary to prevent the habit of the community as well as the comprehensive implementation of Solid Waste and Public Cleansing (Act 672).

Keywords: Aedes breeding, littering, attitudes and practise, law enforcement