



***VISITOR'S RISK AWARENESS TOWARDS WATER RECREATION
ACTIVITIES AT TASIK DAYANG BUNTING, LANGKAWI, KEDAH***

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By

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**A Project Report Submitted in Partial Fulfillment of the Requirement for
the Degree of Bachelor Park and Recreation Science in the
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DEDICATION

Special dedicated to:
My parents, Zulkifly Bin Mat Rifin @ Rifin and Nik Rohani Bt Nik Him,
My siblings, brothers and sisters,
My lecturers and friends,

Thank you for your concern, understanding and supporting.

ABSTRACT

Over the years tourism has grown rapidly and for many regions and countries worldwide, it is an important sector. It is also said that tourism is the largest sector in the world and many people participate in this sector. Recreation becomes an alternative choice to release stress from work, studies and any of problem occurred. The accident during water recreation activities always happen at anywhere and anytime. This is due lack of information related with the safety and risk awareness about water recreation activity can therefore lead to the accident at the recreation place that can affects perception of visitor's towards safety and the profit will reduced. This assessment needed to know the visitor's risk awareness towards water recreation activities at Tasik Dayang Bunting Langkawi, Kedah. The 150 questionnaires were distributed towards visitor's to know level of safety knowledge on water recreation activities. In addition, on the result shown the shows the positive effect of respondents about the level of visitors risk awareness towards water recreational activities. The evaluations of visitor's motive to do water recreational activities in TDB are to encourage visitors to view and enjoy the environment of the existing recreational areas in Malaysia including in TDB. Then, the socio-demographic of visitors are from multiple races and from overseas who come to TDB. This analysis really important because important to prevent any circumstances and can reduced the risk's death due of drowning.

ABSTRAK

Selama bertahun-tahun pelancongan telah berkembang dengan pesat dan untuk banyak wilayah dan negara di seluruh dunia, ia adalah sektor yang penting. Ia juga dikatakan bahawa pelancongan adalah sektor terbesar di dunia dan ramai yang mengambil bahagian dalam sektor ini. Rekreasi menjadi pilihan alternatif untuk melepaskan tekanan dari kerja, kajian dan sebarang masalah yang berlaku. Kemalangan semasa aktiviti rekreasi air sentiasa berlaku di mana saja dan bila-bila masa. Ini kerana kekurangan maklumat yang berkaitan dengan keselamatan dan kesedaran risiko mengenai aktiviti rekreasi air boleh mengakibatkan kemalangan di tempat rekreasi yang boleh mempengaruhi persepsi pengunjung terhadap keselamatan dan keuntungan akan berkurang. Penilaian ini diperlukan untuk mengetahui kesedaran risiko pengunjung ke aktiviti rekreasi air di Tasik Dayang Bunting Langkawi, Kedah. 150 kajian selidik diedarkan kepada pelawat untuk mengetahui tahap pengetahuan keselamatan mengenai aktiviti rekreasi air. Di samping itu, hasilnya menunjukkan kesan positif daripada responden untuk mengenai tahap kesedaran risiko pengunjung ke aktiviti rekreasi air. Penilaian motif pengunjung untuk melakukan kegiatan rekreasi air di TDB adalah mendorong pengunjung kepada untuk melihat dan menikmati suasana alam sekitar yang ada dikawasan rekreasi di Malaysia termasuklah Di TDB. Kemudian, sosio-demografi pengunjung adalah daripada berbilang kaum dan daripada luar negara yang datang di TDB. Analisis ini sangat penting kerana penting untuk mencegah keadaan apa pun dan dapat mengurangi risiko kematian akibat tenggelam.

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APPROVAL SHEET

I certified that this research project entitled **“Visitor’s Risk Awareness towards Water Recreational Activities at Tasik Dayang Bunting”** by Muhammad Hafizul Hilmi Bin Zulkifly has been examined and approved as a partial fulfillment of the requirements for the Degree of Bachelor of Park and Recreation Science in the Faculty of Forestry, Universiti Putra Malaysia.

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LIST OF ABBREVIATIONS

COSO	Community of Sponsoring Organization
DOS	Department of Statistic
TDB	Tasik Dayang Bunting
ROSPA	Royal Society for the Prevention of accidents
WHO	World Health Organization



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CHAPTER 1

INTRODUCTION

1.1 General background

In worldwide, the percentage of individuals participating in the water recreation activities become increasing. This happen due of the people want to release their stress and have fun from their work or other things. There are so many popular water activities in the world like swimming, surfing, jet skiing, kayaking, canoeing, snorkeling and scuba diving. In Malaysia, the most popular water activities are white water rafting, kayaking, scuba diving, sailing, banana boat, parasailing and Jet Ski. However, a highest number of visitor's incidents are recorded in the secured zones each year (Gstaettner, Lee, & Rodger, 2018).

World Health Organization (2014) stated that drowning one of the serious and public health threat being ignore that claiming lives around 372 000 individuals a year in worldwide. In Malaysia, 700 cases of drowning were recorded annually, of which 500 involved children, aged between one and 18 years old (Dermawan, 2017). Moreover, foreign visitors also show a high incident in drowning.

Last year in 2017, it shown the highest visitor's incident related to the case drowning with 409 cases (Norain, 2018). On 7th July 2016 at Tasik Dayang Bunting, an Arab tourist was found drowned. The deceased was found at a depth of 30 meters at 7.15 pm on the lake, identified as Alahmadi Hussain Fuada, 19 years old. An incident in which a teenager fell into the lake from a floating platform (Melissa, 2016).

Data from the Department of Statistics showed that the majority of drowning cases occurred in rivers, followed by beaches, lakes and mines. Between 2009 and 2013, half of the victims or 693 drowned children between the ages of five to 14 were children (Azizan, 2018). However, aquatic sports are among in the top list of the highest risky activities that will lead to drowning. This will happen when an individual unable to cope of this situation such as drowning which may cause to the death (Szpilman, Bierans, Handley & Orłowski, 2012).

Safety become the main important in any activities either water or other than that. According to Saunders, Sewduth & Naidoo (2018), at any national parks, the effective of communication about safety information towards visitors are the main important to decrease any potential consequences of incidents. The lack of awareness also can be one of indicator to the decrease growing of tourism in the certain part of destinations or areas and all of these needs to be think with the long-term situations (Page & Asworth, 2014).

Some researchers found that the tourists drown when do the water recreation activities because lack of awareness in relation to the aquatic activity safety (Warton & Brander, 2017).

Awareness campaigns must be conducted to educate Malaysians about the need to exercise care and security in order to prevent drowning incidents in the country, which past events need to be analyses and identified by the parties or agencies. Through awareness of people drowning incident may decrease in time.

1.2 Problem statement

Tasik Dayang Bunting (TDB), Langkawi is mostly known as ecotourism and Geopark site which used by public for enjoying the nature area surrounding and being the tourist destination. TDB provides many benefits relating to the ecological functions or the biodiversity benefits. TDB is considered among popular island for water activities besides its history behind. To attract more number of tourists visiting TDB, several activities had been created for the attraction at TDB. Those activities such as kayaking, swimming, paddle boat and many other interesting activities. According to Leask (2010), the enjoyable attractions will make visitors having no doubt about going to the recreation again in the future.

However, due of the drowning case incidents that happened at TDB was affected the number of visitors coming to TDB. Almost every year the potential case incidents towards visitors drowning at TDB become increased. In 2003, the first case of tourist drowning at TDB. However, this case unstopped till this year and all of these cause to the death. The awareness towards safety is important towards local communities and international tourist because it will cause death and affect the activity tourism. Yet, it shows that visitors perceptions about their risk of incidents happen during their activities are very low. The drowning incident in Malaysia is a recurring incident, but involving different victims. This scenario is driven by a lack of research on drowning incidents and difficulties in accessing incidence data (Amin, 2018). All of these become the major issue to be addressed in the notice of problem is the visitor awareness towards their safety during water recreation activities. Due of this problem, the survey is important because it will be improved the incidents at TDB and can be strongly related with the highly affect the number of visitors visiting TDB.

1.3 Objectives of study

The main objective of this study is to determine the visitors' risk awareness at Tasik Dayang Bunting Langkawi, Kedah. The specific objectives of this study are:

- a) To determine the visitors' perception towards level of safety water recreational activities.
- b) To investigate the awareness of visitor safety towards water recreational activities.
- c) To determine the motive of visitor choose Tasik Dayang Bunting, Langkawi to do water recreational activities.

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