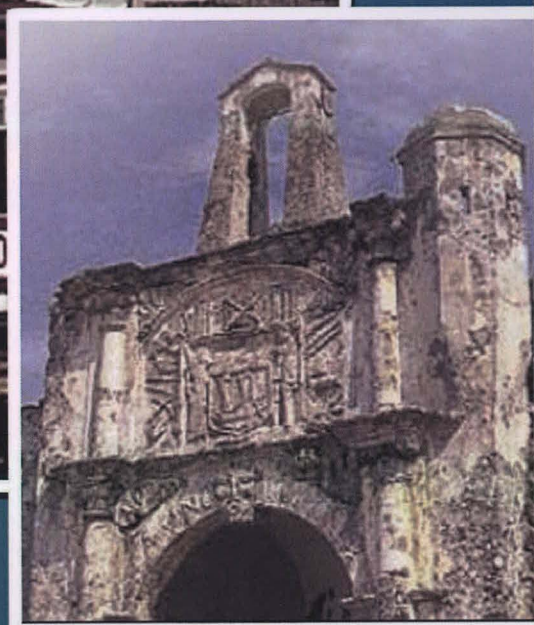
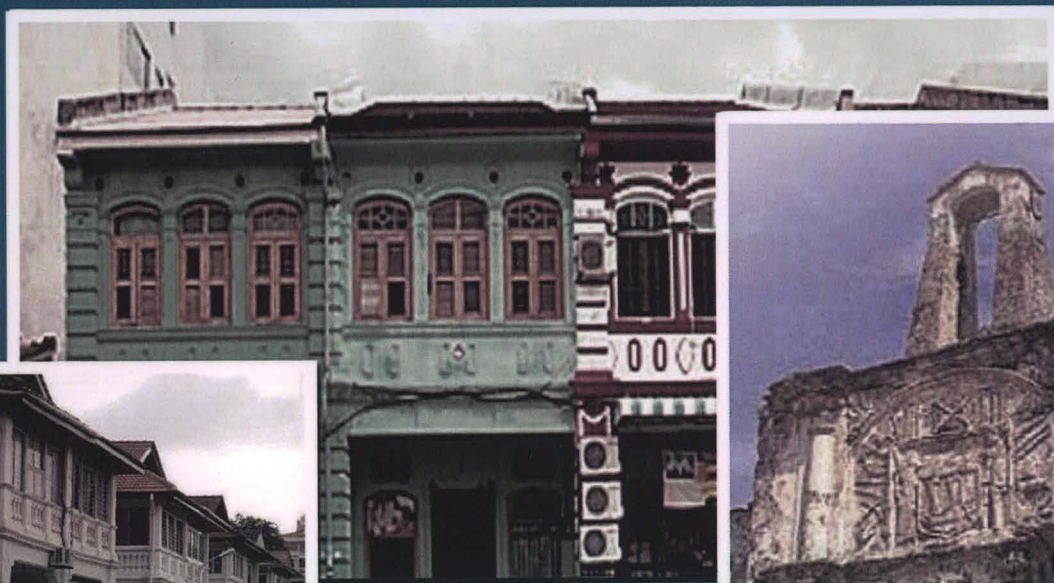


# HERITAGE AND CONSERVATION



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# HERITAGE AND CONSERVATION

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# **CHAPTER 1**

## **ENVIRONMENTAL CRIME PREVENTION MEASURES FOR KINDERGARTEN LANDSCAPE AREA**

Nur Amalina Ali Mohamad and Prof. Dr. Ismawi Hj. Zen

### **ABSTRACT**

Reported crime cases in Malaysia that revolve around kindergarten premises have occurred repeatedly throughout the 2008 to 2011. Most of these cases happened due to weak safety precautions against intruders that could be avoided if the environment is to be manipulated in such a way that strengthens the space defense mechanism. Although the crime rate at the kindergarten premises is not alarming, these few cases could turn into a pandemic if the crisis is left in vague. In this study, environmental crime prevention measures will be applied in preventing intrusion in kindergartens and thus creating a safe environment in the premises. Therefore, this research will focus on the potential of environmental crime prevention measures to be adapted into the design development of kindergarten landscape area. This study will be carried out in three stages; primary data collection, secondary data collection through observations, survey-interviews and lastly analysis of findings. The findings will later be used in developing several recommendations in space utilization of the kindergarten outdoor area using the Defensible Space theory.

**Keywords:** Defensible Space, Crime Prevention Through Environmental Design, Kindergarten Landscape Area, Environmental Crime Prevention

### **BACKGROUND**

Crime cases in Malaysia that revolve around kindergarten premises have occurred repeatedly throughout the years. In between January and April 2008, a five year old girl was raped at her kindergarten by the premise co-owner in Bukit Dumbar (Loh, 2011). In March 2009, it was reported that a robbery had occurred in a kindergarten in Bandar Kinrara with the robbers armed with long knife (Tho, 2009). In April 2009, a 7 year old boy was abducted in front of his kindergarten premise after his mother dropped him off and released after his family paid a ransom of RM 1 million (Sun, 2010). In March 2010, a 45 year old kindergarten operator and three six year olds were severely hammered on the head by an unknown man who intruded into the kindergarten (Hamdan Raja Abdullah, 2010). Although the crime