

**CENTRE OF STUDIES FOR BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

**A STUDY ON DAMPNESS DEFECT IN GOVERNMENT
QUARTERS IN THREE DIFFERENT AREAS
(URBAN, COASTAL AND HIGHLAND)**

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**“I hereby declare that this academic project is the result of my own
research except for the quotation and summary which have been
acknowledged”**

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Date : January 27th 2014

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**ACADEMIC PROJECT
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CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS

**This is to confirm that the student has amended his/her
academic project as directed and therefore allowed to compile**

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**Title : A Study on Dampness Defect in
Government Quarters in Three Different
Areas
(Urban, Coastal And Highland)**

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ABSTRACT

Dampness is one of the defects that commonly occur at all types of building. The dampness defect is usually caused by the excessive quantity of moisture of moisture inside the building. It will cause a bad internal and external environment condition which can lead to building deterioration. This study will describe the dampness defect that occurs at the government building in three different areas which are Shah Alam (Urban), Kuantan (Coastal) and Cameron Highlands (Highland). The purpose of this study is to investigate the causes of dampness that occur at each area selected and to compare the characteristics of the dampness defect based on visual inspection. This study focused on the government quarters at different areas where the weather condition of each area probably leads to different causes and types of dampness defect. From the analysis of dampness defect at the three areas that has been carried out, the type of dampness that occurs is different at each area. The most dampness defect that occurs at the urban area is mold growth. However, there is a dampness defect that only occurs at the coastal area which is hygroscopic salt. And the most dampness defect that occurs at the highland area is mold growth and discolouration. The dampness problems at each area need remedial and repairing work such as removing of the mold growth. All the buildings need proper maintenance in order to maintain the condition and performance of the building.

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