

ABSTRACT

Research Title : Study of Physical Environmental for Increase Student Safety in the School and Community. : A Case Study of Dusit District Bangkok

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Abstract

The community has kindergartens and elementary schools under the care and administration of Dusit District, Bangkok. This community is interesting because the community is in the inner city with key tourist sites and a variety of uses in the same area including educational institutes, schools, temples, museums, government offices, shops, tourist docks, residential areas, crowded neighborhoods (slums), etc. Although not many accidents occurred in the area in the past, the area's reliability in terms of safety can be ruined with serious impact on confidence about safety. This research project will present physical data on Community and urban morphological data with the Space Syntax. This research is also a study of correlations between urban morphology and accidents patterns in Dusit District. The data obtained will compile accidents problems in Dusit District to present dimensions, correlations and connections between various accidents. Summarize the Classroom Building and Community physical improvement guidelines as follows. 1) Fencing should be strong and not less than 1.20 m. and should not be all solid. 2) The doors are sturdy and have standard locking systems, including safety steel.3) Some of the lighting in the building is too less.4) Ladder should be added slippery material.5) Avoid tables and chairs with sharp corners.and 6) Add CCTV cameras on every floor, especially at the point of frequent accidents.And project no.2 study to the Space Syntax Program, Searching access by road to the community from physical environment was found to be the community, Wat Pravat Kunchorn should focus on the pavement. There should be no pedestrian barriers. To encourage pedestrians especially students and should be pedestrian-friendly materials.

The findings can be implemented to accompany physical development planning for the community and improve area management within the community along with controlling traffic

routes in Dusit District to offer better safety for the lives and property of area students and the general public.

Keywords : community, Physical Environmental, Space Syntax.