Crime Prevention Through Environmental Design in Dubai

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ABSTRACT

Crime Prevention Through Environmental Design (CPTED) is a 21st century approach to integrating various methods of crime-reducing physical and perceived security enhancement measures into a given environment. A taxonomy of CPTED measures was developed based on broader patterns identified by a guiding text in the field, 21st Century Security and CPTED (Atlas, 2008). This taxonomy was utilized as a rubric for field observations of CPTED instances in Dubai, U.A.E.

Photographic record and 13 points of data were collected for each instance of CPTED over the course of 26 days, resulting in a matrix of data points. This information was then used to assess whether any correlation exists between the CPTED measures which are perceived as poorly integrated with their built environments versus those which are perceived as poorly integrated with their built environments.

RESEARCH QUESTIONS

1. What CPTED strategies are implemented in Dubai?
2. Do the CPTED strategies utilized in Dubai integrate well into the built environment or are they perceived as intrusive and/or highly visible?
3. How do Crime Prevention Through Environmental Design strategies change in different geographical and climate contexts?

MATERIALS

1. Iphone X (to capture photos)
2. Ipad + Apple Pencil (to record data)

METHODOLOGY (continued)

Data Collected per CPTED Instance:
• CPTED instance ID #
• Photo (Date, Time, Longitude, Latitude)
• CPTED measure name
• Internal or external measure
• CPTED category
• Action or crime to be deterred
• Integration perception score
• 3rd party integration perception score
• Is this CPTED measure prevalent in the US?
• Does this CPTED measure utilize greenery?

RESULTS

Over 700 data points were derived from 51 observed CPTED measures. Approximately one-third of all CPTED measures observed utilized elements of greenery.

REFERENCES