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 seamlessly integrated with their surrounding built environments versus those which are perceived as poorly integrated with their built environments.

INTRODUCTION

A CPTED Integration Perception Score (IPS) was developed and utilized by the primary researcher and a 3rd party.

**IPS Scoring Rubric**

1. Poor integration with the built environment
2. Some integration with the built environment
3. Extremely good integration with the built environment

**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?

**METHODOLOGY (continued)**

After each of the CPTED measures was documented, a matrix was created in order to analyze the resulting data.

**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**


Out of the 12 CPTED measures which were given an IPS (Integration Perception Score) of 3, 10 included elements of greenery.

Figure 3. CPTED Instance #22, Clearly Defined Walkways

Figure 4. Greenery of All Observed CPTED Measures

Figure 5. Greenery of All Observed CPTED Measures with an IPS (Integration Perception Score) of 3, 10 included elements of greenery.