# Effective CPTED During COVID-19

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# Welcome!

## Overview: 'Effective CPTED for COVID-19'

- CPTED overview
- COVID-19 overview
- Changes due to COVID-19
- Effective CPTED for COVID-19
- Q&A session

# CPTED

- Pronounced 'Sep-TED' (Big Ted, Little Ted and CPTED)

- CPTED is **Crime Prevention Through Environmental Design**

# Benefits of CPTED

- Reduce crime and anti-social behaviour

- Often THE most cost-effective way to reduce crime

- Supports Community Safety Officers, Rangers, Police, Neighbourhood Watch and others 24/7 and when not on location

- Benefits increase over time

- Helps resolve 'difficult' or intractable community safety problems

# Community Safety and CPTED

Reduce crime by:

- Design of environment
- Community actions
- Culture

# Disclaimer

- The information provided is supplied in good faith on the basis of many years experience in CPTED.

- The presenter and related organisations accept no responsibility or liability of any sort whether directly or consequentially from the use of the information provided.

# COVID-19

- COVID-19 - new and highly contagious coronavirus illness

- Symptoms:
  - Shortness of breath or cough, with or without fever.
  - In some cases, severe pneumonia.

- Groups at higher risk of illness and death:
  - Aboriginal and Torres Strait Islander people 50 years and older with one or more chronic medical conditions
  - People 65 years and older with chronic medical conditions
  - People 70 years and older
  - People with compromised immune systems

- Can overload hospital systems and threaten whole of society

- Helpline 13 COVID (13 268 43 )

https://ww2.health.wa.gov.au/~/media/Files/Corporate/general%20documents/Infectious%20diseases/PDF/Coronavirus/coronavirus-faqs.pdf

# COVID-19 Strategies



Primary strategies to slow infection or eradicate COVID-19

- Self-isolation (stay at home) and social distancing

- Hygiene (hand washing, avoid contact with others…)

- Prohibited activities and venues

- Restrictions on travel

- Support hospital system

- Financial relief for individuals and organisations

- New Police resources

- New laws (e.g. domestic violence, tracking, travel)

https://www.wa.gov.au/organisation/department-of-the-premier-and-cabinet/covid-19-coronavirus-community-advice

# Effects of COVID-19 strategies

# Panic buying

Effects of
COVID-19
strategies

Home schooling

# Effects of COVID-19 strategies

# Working from home

Effects of
COVID-19
strategies

Closed
businesses

Effects of
COVID-19
strategies

Personal
isolation

# Effects of COVID-19 strategies

# Empty roads

Effects of
COVID-19
strategies

Financial
pressures

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# Effects of COVID-19 strategies

# Some shortages

# Effects of COVID-19 strategies

## Mental health issues

Effects of COVID-19 strategies

No people around

Effects of COVID-19 strategies

Closed warehouses

# Questions?

- Please use 'chat' to send any questions.

# COVID-19 Crime pattern changes

International and local intelligence:

- Crime trajectories are changing significantly, and …
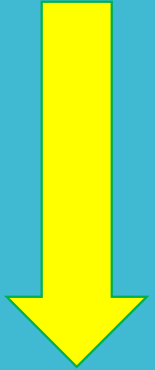- Crime statistical evidence is poor quality
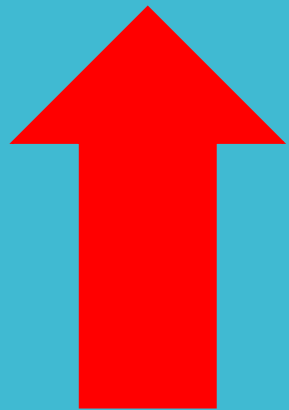
COVID-19
Crime changes

Domestic Burglary

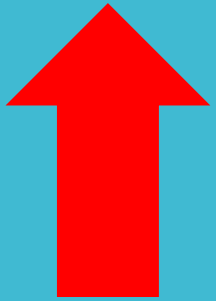COVID-19
Crime changes

Public assaults

COVID-19 Crime changes

Family tensions and domestic violence

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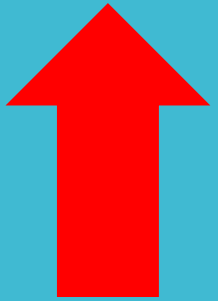
COVID-19 Crime changes

Non-residential theft and damage

Theft and damage to closed shops, warehouses commercial property, boats and machinery
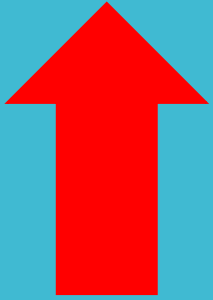
# COVID-19 Crime changes

Theft for resale on informal market



Theft of copper, batteries and other items that can be resold on the informal market.
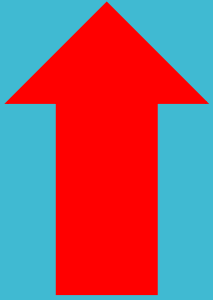
COVID-19 Crime changes

Fraud and cyber-crime against families

COVID-19 Crime changes

Fraud/cyber-crime on businesses with staff working at home

# Questions?

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# CPTED traditional methods to reduce crime

- Natural surveillance ('eyes on the street')
- Natural access control
- Activity support
- Defensible space
- Territorial reinforcement
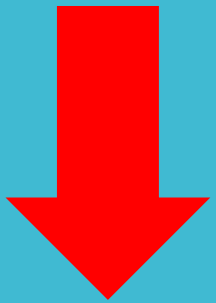- Image management and maintenance
- Target hardening

# The CULTURE PROBLEM and 'no one there' problem

CPTED and policing reduce crime through:
- culture
- habits of law-abiding public behaviour

- COVID-19 has broken cultural habits and reduced people in public space

- These changes require changes in the pattern of effective CPTED

Natural Surveillance

Effectiveness

DOCCC Design Out Crime and CPTED Centre
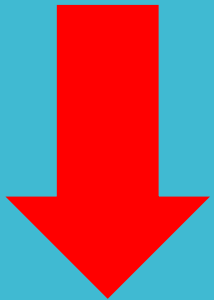
**Natural Access Control**
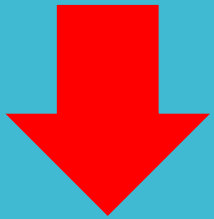
**Effectiveness**

Activity
Support

Effectiveness

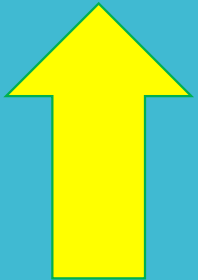Territorial Reinforcement

Effectiveness
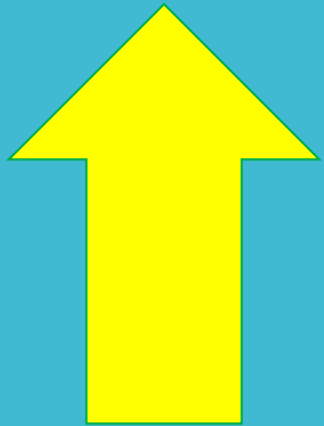
Defensible space

Effectiveness

# Image
# Management and
# Maintenance

## Effectiveness

# Target Hardening

**Effectiveness** ⬆

- Increased physical security of valuable assets

- Increases the crime 'costs' in **time**, **effort** and **risk**

- 'Arms race' with criminals

# Questions?

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# Effective CPTED during COVID-19

Effective CPTED during COVID-19 has different priorities:

1. Target hardening
2. Stopping repeat victimisation
3. Routine activity analysis
4. Image management and maintenance
5. Territorial reinforcement and defensible space
6. Natural surveillance ('eyes on the street')
7. Natural access control
8. Activity support

# Target hardening

- **Target hardening** important when other CPTED less effective

- Make crime more difficult and take more time.

- Conventional target hardening :
  - Strong doors, door frames and locks (preferably certified)
  - Security shutters
  - Defense in depth (e.g. securing internal garage doors, using a safe)
  - Secure perimeter
  - Blocking offensive surveillance
  - Ensuring eggs NOT in same basket…

# Stopping Repeat Victimisation

- Strongest predictor of crime is prior crime

- Crime risk highest immediately after crime

- Stopping repeat victimisation requires **visually-obvious protective changes**

- For **domestic violence** – new laws and processes apply. Specialists offer the best advice (1800 RESPECT  1800 737 732)

# Routine activity analysis

- Routine activities define crime

- Different routines in COVID-19

- Temporary cameras reveal activities in an area of interest – particularly at night or in remote areas

- This informs effective CPTED

# Image Management and Maintenance

- Well-kept locations reduce crime

- Presence of maintenance and cleaning staff :
  - Natural surveillance
  - Shows they are occupied
  - Indicates there are spare resources

- Effectiveness - **High** - frequently cleaned/maintained

- Effectiveness - **Low** - in-frequently cleaned/maintained

# Territorial reinforcement

- **Territorial reinforcement** defines:
  - Public space
  - Semi-public space
  - Semi-private space
  - Private space

- Indicates good behaviours and level response if violated (defensible space).

- Effectiveness – **High** in occupied locations

- Effectiveness - **Low** in un-occupied locations

# Natural Surveillance ('eyes on the street')

- **Natural surveillance** is less-effective when people at home on Netflix.
- Sightlines for 'eyes on the street' provide criminal surveillance.
- Legal street activities  reported as 'criminal/anti-social'
- Encourage public to only report crime.

# Natural Access Control

3  primary roles of **natural access control**:

- Visual signals to guide law-abiding persons

- Visual signals to support **territorial reinforcement**

- A basis for identifying  and querying abnormal behaviours of people who don't follow the signs.

*When public space is empty, **natural access control** has less value.*

# Activity Support

- The aim of **Activity Support** is to encourage large numbers of people to a location to provide law-abiding 'eyes on the street'.

- COVID-19 protection strategies directly act against Activity Support

- One possibility is to use 'permitted activities' such as mobile food vans to provide activity support.

# Questions?

- Use 'chat' to send any questions.

# 'Shocks' and Crime

- Criminal activity changes as a result of 'shocks' – bad weather, holidays, special events – COVID-19…

- 'Shocks' result in the **displacement** of crime in location, time and to different crimes.

- For COVID-19:
  - First crime **reduces**
  - Next **increases** past normal and changes crime types and locations
  - Settles down to crime rate before the 'shock' but in **changed places and for different crimes**.

# CPTED in maintaining law and order

# COVID-19 and risk of Law and Order breakdown

COVID-19 related changes:

- Place pressures on vulnerable members of society

- Offer significant opportunities for ignoring the rule of law for personal benefit

- Current evidence of COVID-19 sporadic looting activities in countries including US, UK, Ireland, Italy, France and South Africa

## CPTED to support restoration of Law and Order

At this stage, the CPTED strategies to support restoration of Law and Order appear same priorities:

- Target hardening

- Stopping repeat victimisation

- Routine activity analysis

- Image management and maintenance

- Territorial reinforcement

- Natural surveillance ('eyes on the street')

- Natural access control

- Activity support

# Q&A session

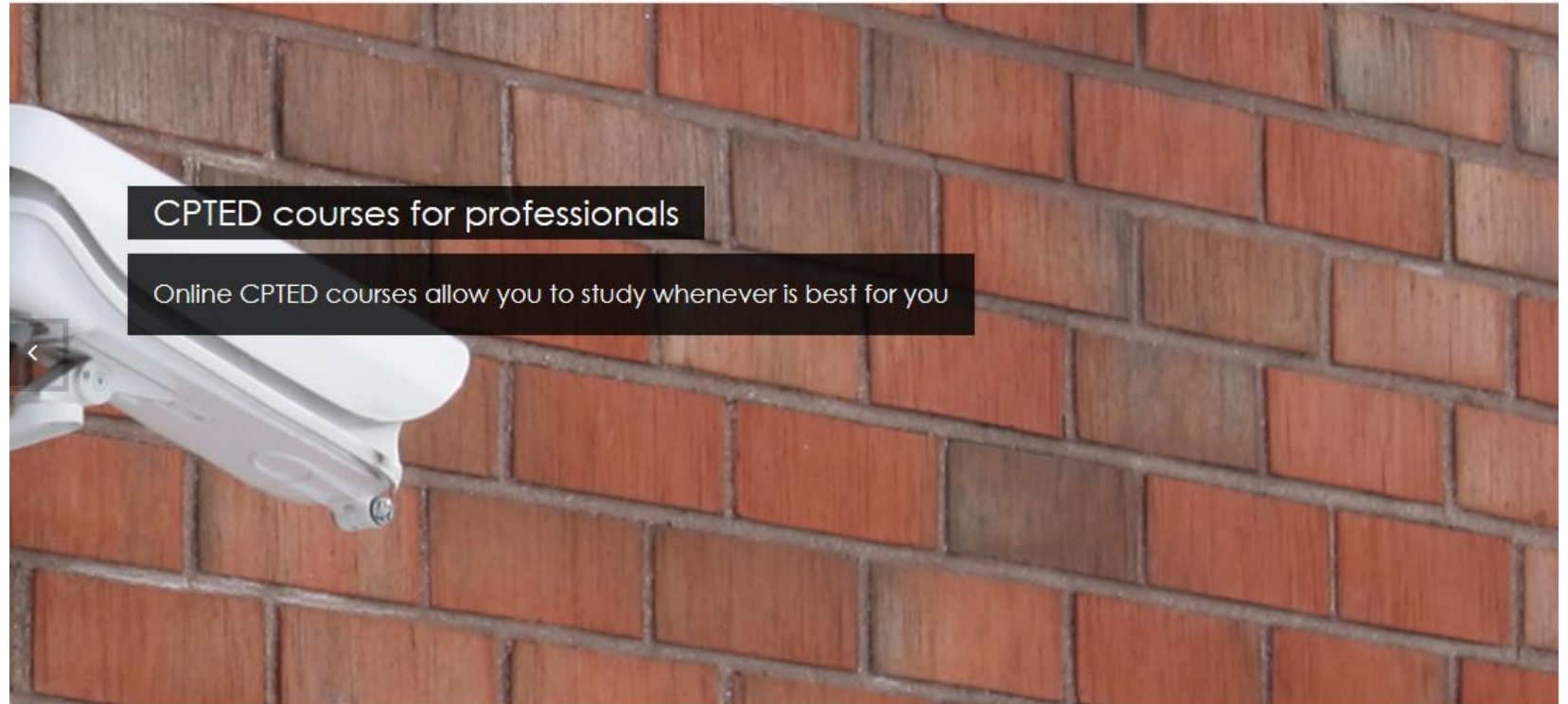- Please use 'chat' to send any questions.

CPTED
Resources

# CPTED Online Training and Certification

## www.CyberCPTED.org

CPTED courses for professionals

Online CPTED courses allow you to study whenever is best for you

## Available courses

### Introduction to CPTED (ONLINE course with certificate)

The **Introduction to CPTED** course is a **certificated** foundation CPTED course for community safety staff, rangers, ne
small business managers, and planning and architecture professionals.
The course provides a practical grounding in CPTED principles to reduce crime. There are 10 lessons each with a C

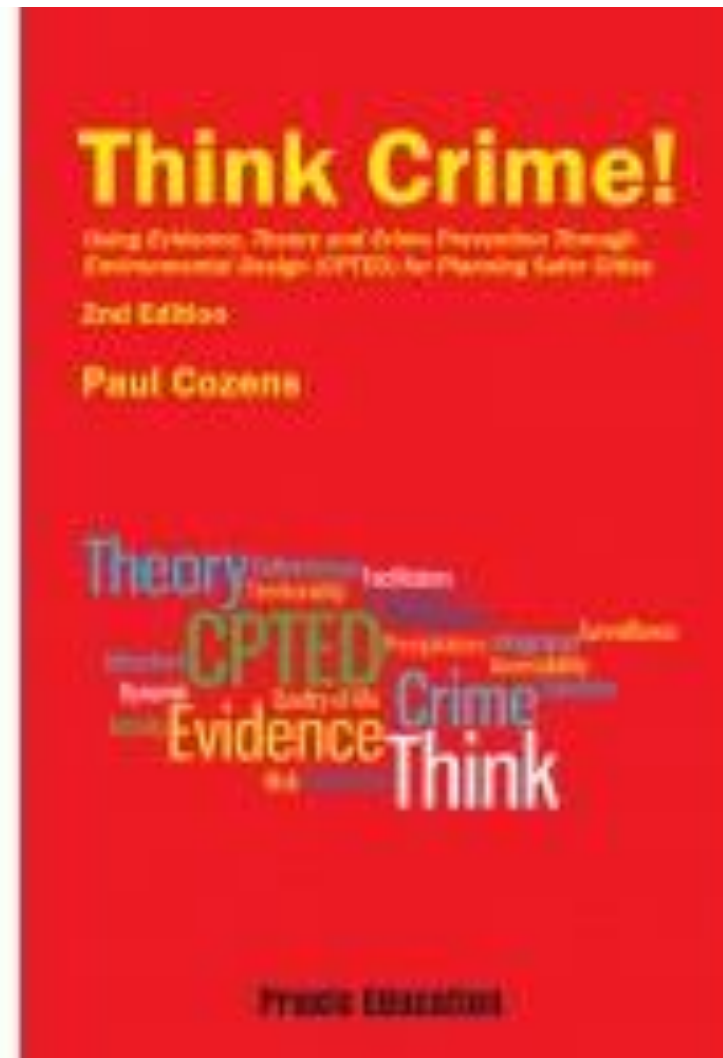*"The best available synthesis of information on CPTED'*
**Professor Marcus Felson**

**$49.95**
**from**
**www.praxiseducation.com** or
**www.designoutcrime.org**

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