

# CPTED and SAFEGROWTH

## CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN

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CPTED-PCAM CANADA

ICA CHAPTER – CANADA



# INTERNATIONAL CPTED ASSOCIATION - ICA

**ESTABLISHED in 1996 IN CALGARY**

## **MISSION:**

*To create safer environments and improve the quality of life through the use of CPTED principles and strategies*

CPTED resources, CPTED certification through accredited providers

**[WWW.CPTED.NET](http://WWW.CPTED.NET)**



# ICA – CANADIAN CHAPTER CPTED-PCAM CANADA

## **ESTABLISHED in 2022**

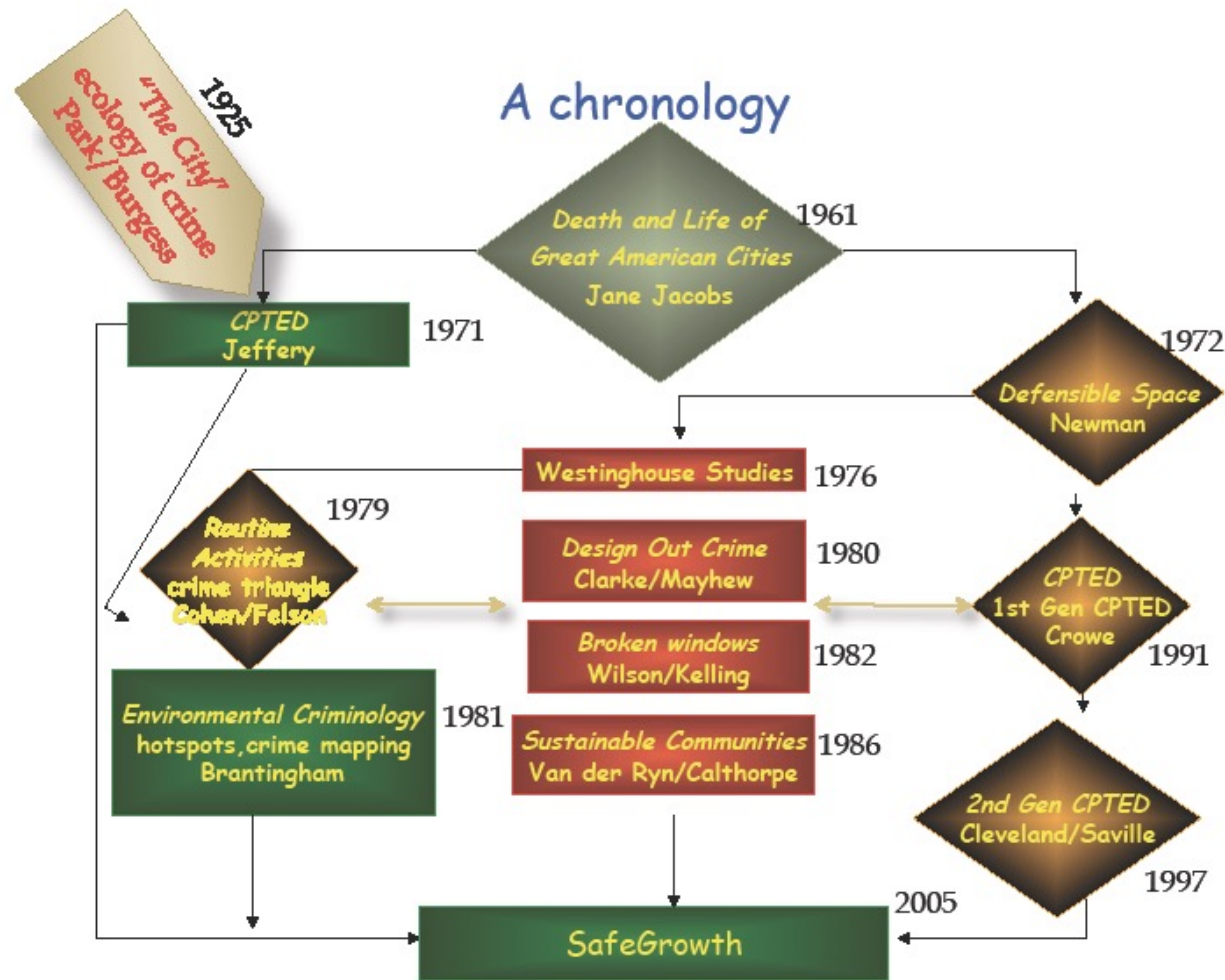
CPTED in English (Crime Prevention Through Environmental Design)

PCAM in French (Prévention du Crime par L'aménagement du Milieu)

## **MISSON:**

- Advance CPTED theory and practice through educational material, training programs, and research and development.
- Encourage collaboration where a diversity of community members can create healthy strategies to address safety in built and natural environments.
- Create diverse teams which include multiple lived experiences. Everyone is welcome at the table when talking about problems and forming effective CPTED strategies.

# A chronology



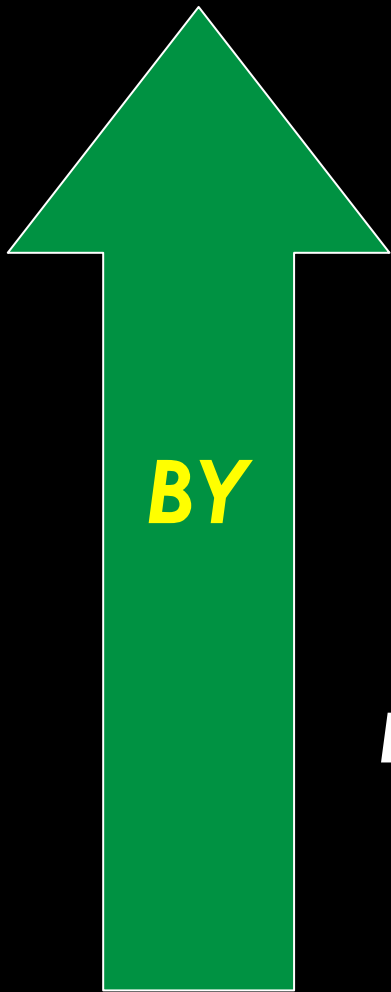
# SAFEGROWTH MODEL



# WORK IN THE BRANCHES



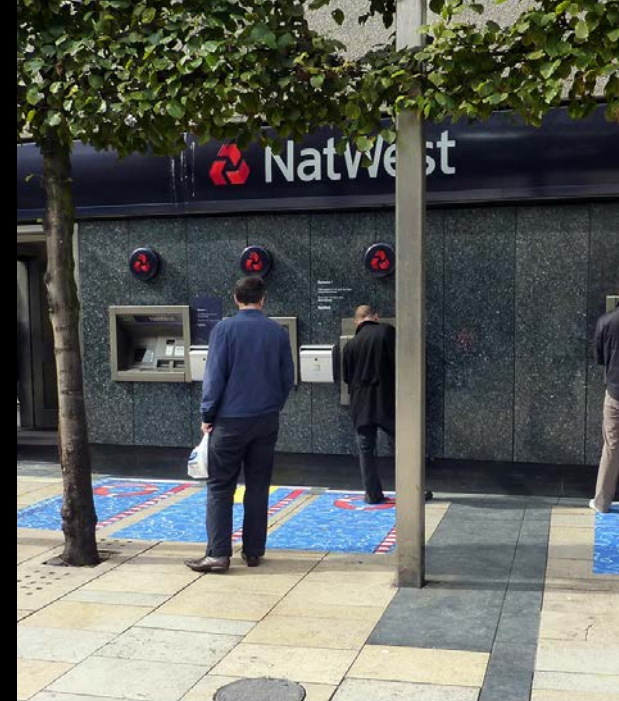
<https://www.amazon.com/SafeGrowth-Building-Neighborhoods-Safety-Livability/dp/1977704557>



***DIG AT THE ROOTS***



<https://www.amazon.com/SafeGrowth-Building-Neighborhoods-Safety-Livability/dp/1977704557>



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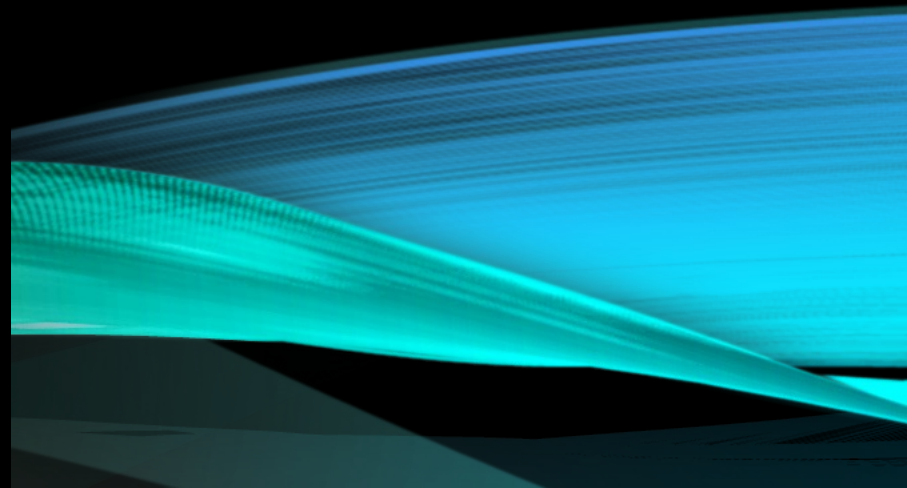
# FIRST GENERATION CPTED THE PHYSICAL ENVIRONMENT

**TERRITORIALITY** “you can’t do that here”

**ACCESS CONTROL** “you’re entering our place”

**NATURAL SURVEILLANCE** “we see you”

**MAINTENANCE** “we care; clean & manage it”





# TERRITORIALITY

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Territorial reinforcement

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Controlling turf around where you live

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Private/semi-private/public space – hierarchy of space

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Symbolic control of places

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UMBRELLA OVER ALL 1<sup>ST</sup> GEN CPTED

# ACCESS CONTROL

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Controlling who goes into/out of a neighbourhood, building, park, etc (landscaping, fencing)

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Can be *natural* (courtyards with landscaped entranceways, fencing)

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Can be *mechanical* (boom gates and access cards)

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Can be *organized* (“greeters” in retail stores).



# IMAGE

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Neighbourhood beautification, clean-ups,  
graffiti paint-outs

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Broken window theory



# NATURAL SURVEILLANCE

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Landscaping, lighting

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Sightlines, eyes on the streets



# SECOND GENERATION CPTED THE SOCIAL ENVIRONMENT

CREATES THE CONTEXT

CULTURE “we play together”

COHESION “we work together”

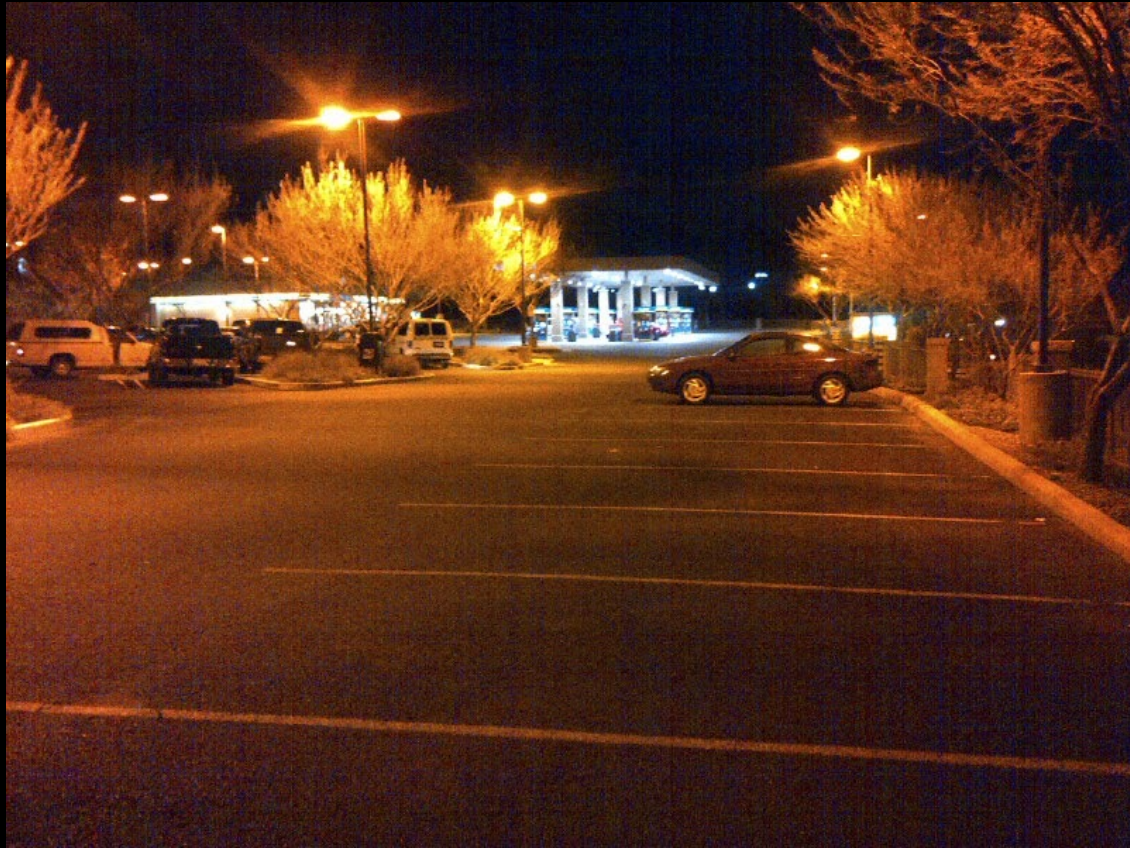
CONNECTIVITY “no one is an island”

CAPACITY “tipping points”





WHO HAS USED LIGHTING FOR SAFETY?







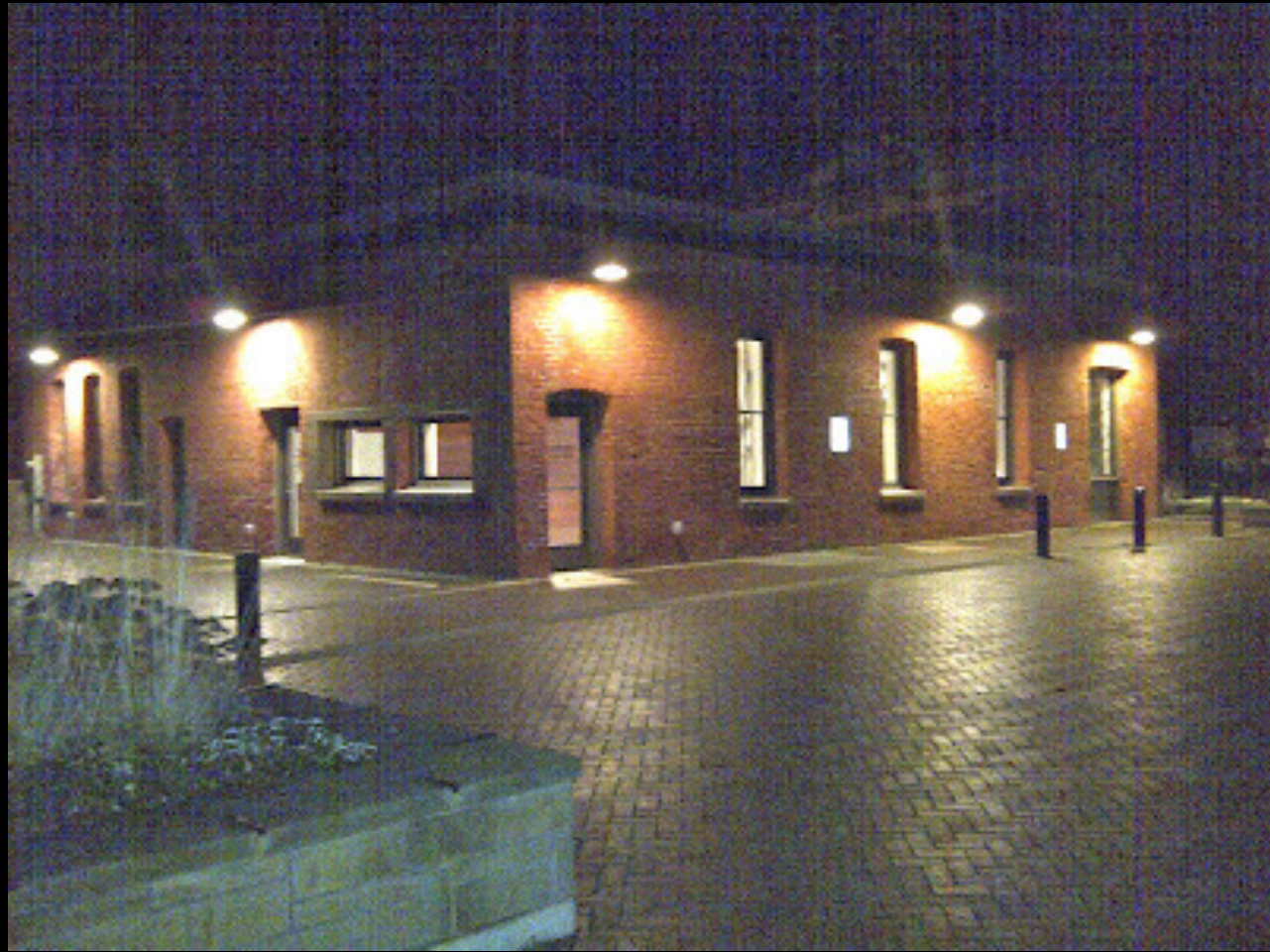
















HOW DO YOU KNOW WHAT  
WHAT TO DO?



# AMERICAN MEDICAL ASSOCIATION :

The American Medical Association has released a statement condemning the [health effects of LED](#) street lighting.

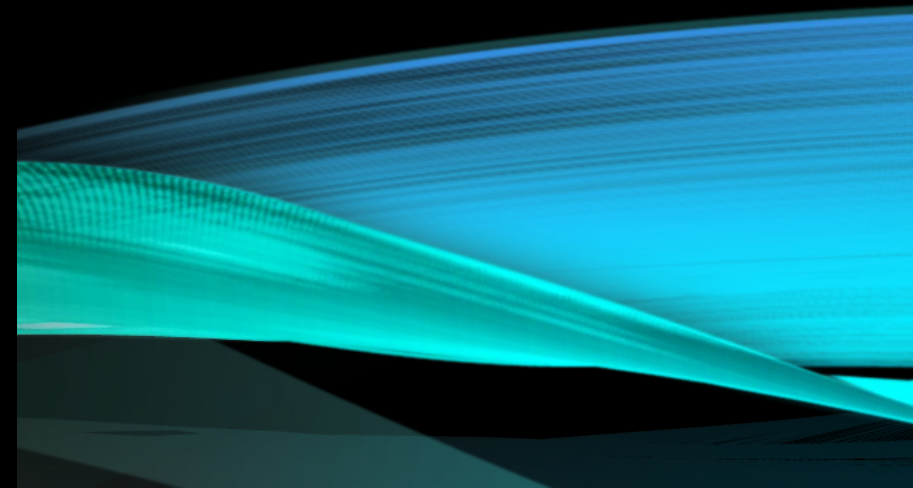
Two concerns:

First, the bright glare is caused from the wavelength and color rendition from LEDs. Apparently the high intensity of LEDs emit large amounts of blue light that appears white. This causes a glare problem worse than conventional street lights and it's why the light dispersion from LEDs is so difficult to control, even with cutoff shields. Says the AMA: *“Discomfort and disability from intense, blue-rich LED lighting can decrease visual acuity and safety...creating a road hazard.”*

Second, it also turns out that the blue-rich LED streetlights suppress melatonin levels and people end up with disturbed sleep cycles. Says the AMA: *“It is estimated that white LED lamps have five times greater impact on circadian sleep rhythms than conventional street lamps.”* In large studies the AMA says this causes *“reduced sleep times and impaired daytime functioning”*. Not good.



# CASE STUDY MELBOURNE, AUSTRALIA





# SAFEGROWTH

INSPIRE NEIGHBORHOOD FUTURES

THURSDAY, OCTOBER 17, 2013

## It was a dark and foggy night in the future



*"It was a dark and foggy night in the neighborhood where nothing really happens...so there goes that drama". Caption from photographer Celine*

*Chamberlin's photo*

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[International CPTED Association](#)

[LISC - Community Safety Initiative](#)

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[ATRIM Group](#)

[AlterNation](#)

CPTED PERSPECTIVE NEWSLETTER

[Latest CPTED news from the ICA](#)

BLOG ARCHIVE

▼ 2013 (42)

▶ November (2)

▼ October (5)

[A line on a map](#)

[The mysterious case of a walk in the mist](#)

[It was a dark and foggy night in](#)

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# QUESTIONS

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