

# CPTED PERSPECTIVE



## A PIANO FOR SAFETY

Steven Woolrich, CPTED Consultant,  
ICA Director

Activity support helps generate more *buzz* our streets and can create more interaction between all types of people. Music is certainly a way of generating interest on the street and for me the piano is the ultimate instrument for delivering a great melody. After hearing about street pianos being placed around New York City, I figured why not Red Deer, Alberta.

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## TRANSPORT FOR LONDON GEARS STAFF UP FOR OLYMPICS

Dr. Tim Pascoe, ICA Director, UK

As the London Olympic Games loom Europe's largest transport authority, Transport for London, has invested in an innovative and unique training system for their front-line staff.

The I.S.T.A.R.E.D.© (Intelligent Situational Threat Assessment, Risk Evaluation & Determination) system has been developed by Dr. Tim Pascoe and Kate Broadhurst of Community Safety Europe Ltd. and tailored for use in TfL's complex transport environment.

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# ACTIVATING STREETS WITH BIKE CORRALS



Gregory Saville, AlterNation LLC

Years away from the bike success of places like the Netherlands and Denmark, North America is finally discovering the benefits of properly designed biking infrastructure.

A few years ago, when economist Richard Florida suggested in his book "The Great Reset" that whole new urban forms will grow out of the Recession, it seemed far away. A half century ago, when Jane Jacobs suggested active and diverse streets can cut crime, it didn't seem it would take long to catch on.

The emergence of bike corrals suggest both are now underway. Bike corrals are on-street parking strips with parking for up to 20 bikes in parking spaces normally used for one or two cars. They bring more customers to their street than car parking provides. They pollute less and cut gas costs. For CPTED corrals provide better natural surveillance and less opportunity for theft.

Cities like Minneapolis, New York and Portland, Oregon are opening bike corrals across their cities.

Sometimes called parking swaps, Portland now has over 70 bike corrals.

Streetfilms is an online organization with over 400 free educational films about inspired transportation and innovative urban forms like bike corrals. They have a great video on bike corrals

Check them out here:  
<http://www.streetfilms.org/>



# DESIGN & CCTV

## FIXING A MISMATCH

Sander Flight, dsp-Groep, Netherlands

The Dutch ICA-chapter – Stichting Veilig Ontwerp en Beheer; [www.StichtingVOB.nl](http://www.StichtingVOB.nl) - has recently received funding from the Dutch ministry of Safety and Justice for research on the topic of design and CCTV. Surveillance cameras are part of their surroundings, but they often do not fit in well. Designers are hardly ever involved in the design or installation of cameras or the signs informing the public that CCTV is in operation. This creates aesthetical problems: it looks wrong and can spoil a carefully created and maintained public environment.

Failing to include design into CCTV-projects could even adversely influence (perceived) safety. Cameras with anti-vandalism measures, for instance the ubiquitous spikes to deter climbing into poles (see photo), could well make passersby feel more uncomfortable and insecure, rather than more secure. Another issue is proper signage: informing the public of the presence of cameras could well be the most important ingredient to make people feel safe and to deter potential offenders. Signs – like e.g. “CCTV in operation” are often designed without any thoughts given to the perception of the message by the public. Hence such signs may convey fear and feelings of insecurity while the target is lowering fear of crime. Or the sign may be hardly visible or sent a nice and reassuring message while the idea was to scare of potential offenders.



“Miscommunication:  
elegant lamppost next to tough CCTV-pole”

The project is divided into two phases:

- a) knowledge *building*: literature review and in-depth interviews with designers, criminologists, urban planners, police, housing corporations, real estate developers, artists, et cetera, resulting in five essays;
- b) knowledge *dissemination*: two expert workshops/conferences will be organised by the SVOB in the Netherlands and all results will be incorporated in [www.StichtingVOB.nl](http://www.StichtingVOB.nl), the Dutch website showcasing the current state of the art in Designing Out Crime. ♦

Contact Sander Flight, [sflight@dsp-groep.nl](mailto:sflight@dsp-groep.nl).

## A PIANO FOR SAFETY

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After speaking with several business owners in the area it was decided. The piano would rest in a small alcove outside a local restaurant on Ross Street, the main drag through downtown Red Deer. It was named the Ross Street Piano.

Interest in the project grew quickly with several carpenters offering to build a new deck for the piano with building materials being provided by the local Co-op at no cost. The piano was installed on July 28<sup>th</sup>, 2010 and remained in place until the first part of October. Several City officials played a tune or two, including the Mayor.

In the weeks that followed many local people dropped by to tickle the ivory keys and sing along with others. The piano was there for anyone to use, day or night. Business owners and those playing the instrument would cover it up at night before going home. The Ross Street Piano will be available again this summer from June through August and will now highlight some local artwork as well. The piano will allow artists to showcase their talents with a new theme each year.

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## LONDON OLYMPICS Continued from page 1

The system is accredited by the U.K. Chartered Institute of Legal Executives. TfL have adopted CSE's "Training for Trainers" I.S.T.A.R.E.D.© course and 2 year licence, and are rolling out the training to hundreds of their front-line staff in advance of the Olympics.

Dr. Tim Pascoe explained "I.S.T.A.R.E.D.© is a copyrighted advanced crime prevention training package that for the first time combines the principles of crime prevention through environmental design (CPTED), problem orientation and behavioural assessment. It equips "forward facing" staff with the skills to recognise places most likely to be chosen by criminals, and then identify unlawful intent by recognising behaviour which falls outside of baseline "norms". Giving them the knowledge and processes to deal with issues that they identify gives them the confidence to take appropriate action without reliance on stereotyping."

For more information please contact Dr Tim Pascoe [tim.pascoe@communitysafety.eu](mailto:tim.pascoe@communitysafety.eu) or Kate Broadhurst [kate.broadhurst@communitysafety.eu](mailto:kate.broadhurst@communitysafety.eu) .

# INFORMATION MODELING & SECURITY DESIGN:

Simon Hensworth, ICCP-Advanced,  
GHD Pty Ltd, Perth, Australia

Imagine if you could learn all the security issues a building will experience as it is being built, and after it has been built and is being used, before you start to build. You could design out these issues before they became issues. Well, the ability to do this is now closer than ever.

## **BIM**

BIM stands for Building Information Modelling. It generally uses software such as Revit to produce a 3D virtual model of a building in place of the typical 2D plans used in conventional building Architectural and Building Services design.

The outcome is a perfect 3D virtual model representing the final finished building.



This is very useful for security design as it provides the ability to select optimum locations for CCTV, and select specific fields of view (FOV) for each camera at the design stage.



This also allows security inspections and CPTED (Crime Prevention Through Environmental Design) reviews at the design stage using the model, so that design elements that may offer opportunities for crime or unwanted behaviour can be identified and mitigated early in the design process.



## **About the author**

Simon is a Senior Security Professional and Security Service Line Leader with global engineering consultancy GHD. Simon has a Bachelor of Science Degree in Security Science from Edith Cowan University and is an ICA (International CPTED Association) certified CPTED practitioner (Crime Prevention Through Environmental Design).

# THE FINAL STORY

## Sustainability, CPTED & Rio



Sustainable Cities publication from the Rio+20 Conference, Brazil



Eugene, Oregon bus shelter, no poster ads, open design, "live" roof, made with local cobb material. (Photo: Michelle Saville)

The Rio+20 environmental conference in Brazil wrapped up last month with barely a mention of crime. CPTED folks rarely see themselves in the environment. They should. How else can we get people to engage on their streets, parks, and public areas unless they are safe?

Months ago, Sustainable City planners contacted the ICA asking for contributions to a new publication. CPTED consultants Tinus Kruger, South Africa and Greg Saville, USA from ICA contributed a chapter to their publication showing how environment and crime fit together.

The book is titled Sustainable Cities and can be found on the [Rio+ 20 Sustainable Cities website](#).



For 16 years, CPTED Perspective has been the semi-annual newsletter of the **INTERNATIONAL CPTED ASSOCIATION**. It is archived at [www.cpted.net](http://www.cpted.net).

All ICA members are welcome to submit articles to

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