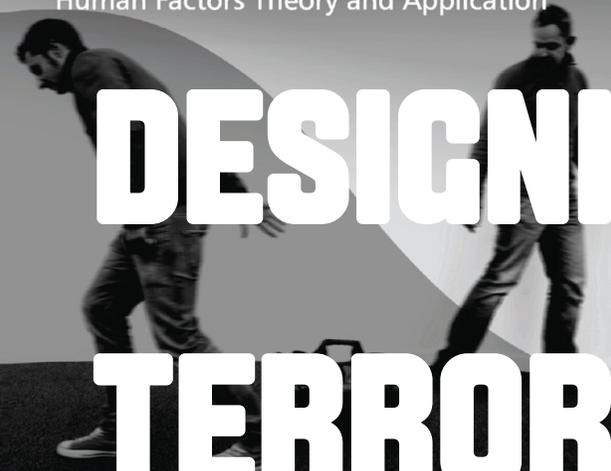


HUMAN FACTORS IN DEFENCE

# Hostile Intent and Counter-Terrorism

Human Factors Theory and Application



EDITED BY  
**Alex Stedmon**  
**Glyn Lawson**

 CRC Press  
Taylor & Francis Group

**LEEDS**  
**ARTS** RESEARCH  
CENTRE

# DESIGNING VISIBLE COUNTER- TERRORISM INTERVENTIONS IN PUBLIC SPACES

## DR BEN DALTON

# OUTPUT INFORMATION

Chapter Title:  
Designing Visible Counter-Terrorism Interventions in  
Public Spaces

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Book title:  
Hostile Intent and Counter-Terrorism: Human Factors  
Theory and Application

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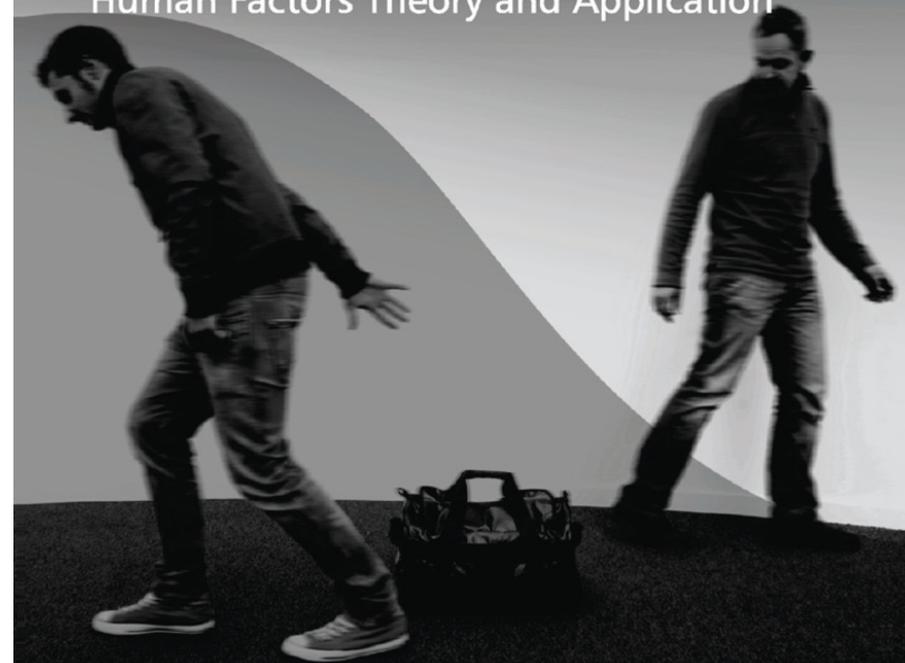
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XR [Extended Reality] Research Group

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# ADDITIONAL INFORMATION STATEMENT

This research asked what the role of the designer and publics are in contexts of public security, perceptions of terrorist threat, and questions of critical infrastructure. It explored temporary urban art and design interventions in sculptural, performative, playful and digital interaction forms as means of disrupting inattention and disrupting possible hostile intent.

Ben Dalton took a design-led approach to the material-discursive and participatory question of how to design visible counter-terrorism interventions in public spaces as co-investigator within the multi-disciplinary and multi-institutional investigation, drawing together design researchers from two EPSRC Detecting Terrorist Activities research projects (EP/F008503/1 and his own EP/H02302X/1). A mixture of directed human-factors temporary architecture design research and more exploratory research through design methods were employed, structured through grounded theorising.

The book chapter Designing Visible Counter- Terrorism Interventions in Public Spaces, was followed by further documentation of the findings in the journal article Shaping Pedestrian Movement through Playful Interventions in Security Planning: What Do Field Surveys Suggest? in the Journal of Urban Design, 2016.

Designer and public participation are both positioned as central to notions of counter-terrorism critical infrastructure, rather than as addendums to more traditional authoritarian approaches that do not offer sustainable or publicly empowering intervention patterns. This research was developed in consultation with and fed back into work by the Centre for the Protection of National Infrastructure (CPNI) government authority.

## BOOK DESCRIPTION

This volume presents world-leading ideas and research that explores some of the most prominent topics relevant to detecting terrorism. The book is divided into six key themes: conceptualising terrorism, deception and decision making, social and cultural factors in terrorism, modelling hostile intent, strategies for counter-terrorism, and future directions. Twenty two chapters cover the spectrum of detecting terrorist activities, hostile intent, crowded public spaces and suspicious behaviour. The work draws from high impact research findings and presents case-studies to help communicate concepts. Specific areas of interest include methodological issues in counter-terrorism, counter terrorism policy and its impact on end users, novel research methods and innovative technologies in counter-terrorism. A variety of disciplines are represented by this work, including: ergonomics/human factors, psychology, criminology, cognitive science, sociology, political theory, art/design, engineering and computer science. This book not only expands the knowledge base of the subject area and is therefore of prime relevance to researchers investigating counter-terrorism, but provides a valuable resource to security stakeholders at policy and practitioner levels.

Keywords:

Counter Terrorism

Public Space

Participatory Design

Links:

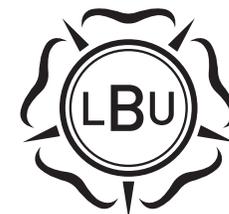
<https://www.routledge.com/Hostile-Intent-and-Counter-Terrorism-Human-Factors-Theory-and-Application/Lawson-Stedmon/p/book/9780367377854>

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