

CONTENTS

IFC **UK SECURITY EXPO 2017**

6 FOREWORD

By Ian Fletcher

8 CRITICAL INFRASTRUCTURE PROTECTION AND RESILIENCE AMERICAS 2017

9 SYSTEM TRANSFORMATION: THE ANALYSIS OF SMART SYSTEMS IN THE INTEGRATIVE CONTEXT OF RISK, RESILIENCE, AND SUSTAINABILITY

By Merja Hoppe and Ralf Mock, Institute of Sustainable Development, Zurich University of Applied Sciences

18 SECURITY & COUNTER TERROR EXPO 2018

19 ENHANCEMENT OF PUBLIC-PRIVATE PARTNERSHIPS WITHIN CRITICAL INFRASTRUCTURE PROTECTION PROGRAMS

By Pepijn Vos, researcher and consultant at TNO,

Brian Tjemkes, associate professor of Strategy and Organization at VU University Amsterdam,

Marieke Klaver, researcher and project manager at TNO,

and Duane R. Verner, AICP, program manager within the Global Security Sciences Division at Argonne National Laboratory

28 BEHAVIOURAL ANALYSIS 2018

29 RISK MANAGEMENT AND BUSINESS CONTINUITY ASSESSMENT: IMPORTANCE OF CONSIDERING LOGICAL INTERDEPENDENCIES

By Frédéric Petit, Research Scientist, Risk and Infrastructure Science Center, Global Security Sciences Division,

Argonne National Laboratory; Computation Institute, University of Chicago

and Lawrence Paul Lewis, Technical Programs Attorney, Risk and Infrastructure Science Center, Global

Security Sciences Division, Argonne National Laboratory; Lecturer, Threat and Response Management Program,

University of Chicago

36 ENFORCE TAC 2018

37 DO SMART TECHNOLOGIES IMPROVE RESILIENCE OF CRITICAL INFRASTRUCTURES? CHALLENGES, OPPORTUNITIES, PRACTICAL APPLICATIONS

By Aleksandar Jovanović, Steinbeis Advanced Risk Technologies & EU-VRi, Stuttgart, Germany

and Maike Vollmer, Fraunhofer Institute for Technological Trend Analysis – INT, Euskirchen, Germany

-
- 48 **EUROSATORY 2018**
- 49 **SECURITY CHALLENGES IN THE NHS**
By Mike Lees MSc DipHEP CSyP FSyl FBCI, Head of Business Security, Barnsley Hospital NHS Foundation Trust
- 54 **NATSEC ASIA 2018 - DSA 2018**
- 55 **INDIA'S CRITICAL INFRASTRUCTURE PROTECTION –
FOR AN INTEGRATED NATIONAL PLAN**
By Colonel H R Naidu Gade - Indian Army Veteran
- 61 **COUNTER-IED REPORT**
- 62 **TRANSPORT SECURITY & SAFETY EXPO 2018**
- 63 **DEVELOPING SMART CITY RESILIENCE THROUGH CRITICAL FACTORS ANALYSIS**
By Victor R. Morris, civilian contractor and instructor at the U.S. Army Europe's
Joint Multinational Readiness Center (JMRC) in Germany
- 69 **CYBER SECURITY REVIEW**
- 70 **ISNR 2018 - INTERNATIONAL EXHIBITION FOR NATIONAL SECURITY & RESILIENCE**
- 71 **CLIMATE CHANGE IMPACTS TO CRITICAL INFRASTRUCTURE**
By Louisa Marie Shakou, Research Associate, Centre for Risk, Safety and Environment,
European University of Cyprus
- 76 **DELTA BUSINESS MEDIA - PRINT AND ONLINE SPECIALIST PUBLISHER**
- 77 **CYBERSECURITY, CYBER WEAPONS AND CYBER-ATTACKS:
RESPONSIBILITY AND DIFFERENT REFLECTIONS ON THE SUBJECT**
By Rogério Winter, Colonel, Brazilian Army
and Rodrigo Ruiz, researcher, CTI - Information Technology Center Renato Archer
- 83 **CALL FOR PAPERS - CRITICAL INFRASTRUCTURE PROTECTION REVIEW**
-