

# Table of Contents

## International Journal of Cyber Warfare and Terrorism

Volume 6 • Issue 2 • April-June-2016 • ISSN: 1947-3435 • eISSN: 1947-3443

*An official publication of the Information Resources Management Association*

### **Special Issue on the 14th European Conference on Information Warfare and Security 2015 (ECCWS) – Hatfield, UK (Part 2)**

#### **Editorial Preface**

- iv Graeme Pye, , Deakin University, Geelong, Australia  
Maximiliano E. Korstanje, , University of Palermo, Buenos Aires, Argentina

#### **Research Articles**

- 1 **Situation Understanding for Operational Art in Cyber Operations**  
Tuija Kuusisto, Ministry of Finance and National Defence University, Helsinki, Finland  
Rauno Kuusisto, The Finnish Defence Research Agency, Riihimäki, Finland and National Defence University, Helsinki, Finland and University of Jyväskylä, Jyväskylä, Finland  
Wolfgang Roehrig, European Defence Agency, Brussels, Belgium
- 15 **Cyber Security Education and Research in the Finland's Universities and Universities of Applied Sciences**  
Martti Lehto, Faculty of Information Technology, University of Jyväskylä, Finland
- 32 **Reconceptualising Cyber Security: Safeguarding Human Rights in the Era of Cyber Surveillance**  
Andrew N. Liaropoulos, University of Piraeus, Piraeus, Greece
- 41 **SPCTA: An Analytical Framework for Analyzing Cyber Threats by Non-State Actors**  
Harry Brown III, Norwich University, Northfield, VT, USA

#### **COPYRIGHT**

The **International Journal of Cyber Warfare and Terrorism (IJCWT)** (ISSN 1947-3435; eISSN 1947-3443), Copyright © 2016 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Cyber Warfare and Terrorism* is indexed or listed in the following: Bacon's Media Directory; Cabell's Directories; Google Scholar; INSPEC; MediaFinder; ProQuest Advanced Technologies & Aerospace Journals; ProQuest Computer Science Journals; ProQuest Illustrata: Technology; ProQuest Military Collection; ProQuest SciTech Journals; ProQuest Technology Journals; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory