Table of Contents

International Journal of Cyber Warfare and Terrorism

Volume 11 • Issue 3 • July-September-2021 • ISSN: 1947-3435 • eISSN: 1947-3443

Special Issue on "Decision Making in Cybersecurity"

Guest Editorial Preface

V Brian Nussbaum, College of Emergency Preparedness, Homeland Security, and Cybersecurity (CEHC), University at Albany, USA
Unal Tatar College of Emergency Preparedness, Homeland Security, and Cybersecurity (CEHC). University at

Unal Tatar, College of Emergency Preparedness, Homeland Security, and Cybersecurity (CEHC), University at Albany, USA

Research Articles

1 Complex System Governance as a Foundation for Enhancing the Cybersecurity of Cyber-Physical Systems

Polinpapilinho F. Katina, University of South Carolina Upstate, USA Omer F. Keskin, University at Albany, State University of New York, USA

15 COVID-19 and Biocybersecurity's Increasing Role on Defending Forward

Xavier Palmer, Old Dominion University, USA Lucas N. Potter, Old Dominion University, USA Saltuk Karahan, Old Dominion University, USA

30 Commissioning Development to Externals: Addressing Infosec Risks Upfront

Yasir Gokce, Bucerius Law School, Germany

41 Enhancing Cyberweapon Effectiveness Methodology With SE Modeling Techniques: Both for Offense and Defense

C. Ariel Pinto, Old Dominion University, USA
Matthew Zurasky, Old Dominion University, USA
Fatine Elakramine, Mississippi State University, USA
Safae El Amrani, Mississippi State University, USA
Raed M. Jaradat, Mississippi State University, USA
Chad Kerr, Mississippi State University, USA
Vidanelage L. Dayarathna, Mississippi State University, USA

58 A Monte-Carlo Analysis of Monetary Impact of Mega Data Breaches

Mustafa Canan, Naval Postgraduate School, USA Omer Ilker Poyraz, Old Dominion University, USA Anthony Akil, Naval Postgraduate School, USA

COPYRIGHT

The International Journal of Cyber Warfare and Terrorism (IJCWT) (ISSN 1947-3435; eISSN 1947-3443), Copyright © 2021 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; DBLP; 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; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; UGC-CARE List (India); Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)