

# Information Security and Ethics: Concepts, Methodologies, Tools, and Applications

Hamid Nemati

*The University of North Carolina at Greensboro, USA*



**INFORMATION SCIENCE REFERENCE**

Hershey • New York

Assistant Executive Editor: Meg Stocking  
Acquisitions Editor: Kristin Klinger  
Development Editor: Kristin Roth  
Senior Managing Editor: Jennifer Neidig  
Managing Editor: Sara Reed  
Typesetter: Amanda Appicello  
Cover Design: Lisa Tosheff  
Printed at: Yurchak Printing Inc.

Published in the United States of America by  
Information Science Reference (an imprint of IGI Global)  
701 E. Chocolate Avenue, Suite 200  
Hershey PA 17033  
Tel: 717-533-8845  
Fax: 717-533-8661  
E-mail: [cust@igi-pub.com](mailto:cust@igi-pub.com)  
Web site: <http://www.igi-pub.com/reference>

and in the United Kingdom by  
Information Science Reference (an imprint of IGI Global)  
3 Henrietta Street  
Covent Garden  
London WC2E 8LU  
Tel: 44 20 7240 0856  
Fax: 44 20 7379 0609  
Web site: <http://www.eurospanonline.com>

#### Library of Congress Cataloging-in-Publication Data

Knowledge management : concepts, methodologies, tools and applications / Murray Jennex, editor.  
p. cm.

Summary: "This is the defining reference source for all theories, concepts, and methodologies within the KM discipline. It includes chapters on Implementing KM in Organizations; KM Systems Acceptance; KM Communication; Knowledge Representation; Knowledge Sharing; KM Success Models; Knowledge Ontology; and Operational KM, and provides libraries with the defining reference to the field"--  
Provided by publisher.

Includes bibliographical references and index.

ISBN-13: 978-1-59904-933-5 (hardcover)

ISBN-13: 978-1-59904-934-2 (ebook)

1. Knowledge management. I. Jennex, Murray E., 1956-

HD30.2.K636866 2008

658.4'038--dc22

2007027566

Copyright © 2008 by IGI Global. All rights reserved. No part of this publication may be reproduced, stored or distributed in any form or by any means, electronic or mechanical, including photocopying, without written permission from the publisher.

Product or company names used in this set 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.

#### British Cataloguing in Publication Data

A Cataloguing in Publication record for this book is available from the British Library.

7 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: [www.igi-global.com/chapter/security-vulnerabilities-exposures-internet-systems/23315](http://www.igi-global.com/chapter/security-vulnerabilities-exposures-internet-systems/23315)

## Related Content

---

### The Impacts of Risk on Deploying and Sustaining Lean Six Sigma Initiatives

Brian J. Galliani and Mohamad Amin Kaviani (2018). *International Journal of Risk and Contingency Management* (pp. 46-70).

[www.irma-international.org/article/the-impacts-of-risk-on-deploying-and-sustaining-lean-six-sigma-initiatives/191219](http://www.irma-international.org/article/the-impacts-of-risk-on-deploying-and-sustaining-lean-six-sigma-initiatives/191219)

### A Content-Based Watermarking Scheme for Image Authentication Using Discrete Wavelet Transform Inter-Coefficient Relations

Latha Parameswaran and K Anbumani (2009). *Techniques and Applications for Advanced Information Privacy and Security: Emerging Organizational, Ethical, and Human Issues* (pp. 173-187).

[www.irma-international.org/chapter/content-based-watermarking-scheme-image/30105](http://www.irma-international.org/chapter/content-based-watermarking-scheme-image/30105)

### Privacy Information Leakage Prevention in Cognitive Social Mining Applications: Causes and Prevention Measures

Suriya Murugan and Anandakumar H. (2021). *Research Anthology on Privatizing and Securing Data* (pp. 2110-2134).

[www.irma-international.org/chapter/privacy-information-leakage-prevention-in-cognitive-social-mining-applications/280275](http://www.irma-international.org/chapter/privacy-information-leakage-prevention-in-cognitive-social-mining-applications/280275)

### ECFS: An Enterprise-Class Cryptographic File System for Linux

U. S. Rawat and Shishir Kumar (2012). *International Journal of Information Security and Privacy* (pp. 53-63).

[www.irma-international.org/article/ecfs-enterprise-class-cryptographic-file/68821](http://www.irma-international.org/article/ecfs-enterprise-class-cryptographic-file/68821)

### Decision Support Model for Fire Insurance Risk Analysis in a Petrochemical Case Study

Hadis Z. Nejad and Reza Samizadeh (2013). *International Journal of Risk and Contingency Management* (pp. 36-50).

[www.irma-international.org/article/decision-support-model-fire-insurance/76656](http://www.irma-international.org/article/decision-support-model-fire-insurance/76656)