# Information Communication Technologies: Concepts, Methodologies, Tools, and Applications

Craig Van Slyke University of Central Florida, USA



Acquisitions Editor: Kristin Klinger
Development Editor: Kristin Roth
Senior Managing Editor: Jennifer Neidig
Managing Editor: Jamie Snavely

Typesetter: Michael Brehm, Jeff Ash, Carole Coulson, Elizabeth Duke, Sara Reed, Sean Woznicki

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-global.com

Web site: http://www.igi-global.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.eurospanbookstore.com

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.

Library of Congress Cataloging-in-Publication Data

Information communication technologies: concepts, methodologies, tools and applications / [compiled] by Craig Van Slyke.

p. cm.

Summary: "This collection meets these research challenges; compiling breaking research in the pivotal areas of social adaptation to information technology. It covers ad-hoc networks, collaborative environments, e-governance, and urban information systems, case studies, empirical analysis, and conceptual models. Over 300 chapters contributed by experts, this six-volume compendium will provide any library's collection with the definitive reference on ICTs"--Provided by publisher.

ISBN 978-1-59904-949-6 (hardcover) -- ISBN 978-1-59904-950-2 (e-book)

1. Information technology--Social aspects. 2. Information technology--Economic aspects. 3. Information technology--Political aspects. 4. Digital communications--Social aspects. 5. Information society. I. Van Slyke, Craig.

HM851.I5315 2008 303.48'33--dc22

2007052998

British Cataloguing in Publication Data

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

If a library purchased a print copy of this publication, please go to http://www.igi-global.com/agreement for information on activating the library's complimentary electronic access to this publication.

23 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: <a href="https://www.igi-purchased.com/www.igi-pur

global.com/chapter/role-information-communication-technologycompetitive/22746

# **Related Content**

# Factors Influencing the Lifetime of Telecommunication and Information Technology Standards: Results of an Explorative Analysis of the PERINORM Database

Knut Blind (2008). *Information Communication Technologies: Concepts, Methodologies, Tools, and Applications (pp. 383-404).* 

www.irma-international.org/chapter/factors-influencing-lifetime-telecommunication-information/22674

# Comparison of Technologies and Methodologies in the E-Learning EXPO Experience

Giorgio Poletti (2009). *Encyclopedia of Information Communication Technology (pp. 95-99).* www.irma-international.org/chapter/comparison-technologies-methodologies-learning-expo/13345

### Economic Analysis of Airline Tickets and the Role of IT in Affecting the Aviation Industry

Evon M.O. Abu-Taieh (2009). *Journal of Information Technology Research (pp. 39-52)*. www.irma-international.org/article/economic-analysis-airline-tickets-role/3712

### Innovation Management in Modern Organizations: An Evolutionary Approach

João P. C. Marques (2016). Handbook of Research on Information Architecture and Management in Modern Organizations (pp. 180-194).

www.irma-international.org/chapter/innovation-management-in-modern-organizations/135767

### MESH Object-Oriented Hypermedia Framework

Wilfried Lemahieu (2005). *Encyclopedia of Information Science and Technology, First Edition (pp. 1922-1927).* www.irma-international.org/chapter/mesh-object-oriented-hypermedia-framework/14538