

CALL FOR PAPERS
SPECIAL ISSUE of
INFORMATION SYSTEMS FRONTIERS:
ON
DECISION MODELS FOR INFORMATION SYSTEMS MANAGEMENT

In the last two decades, information systems (IS) management decision making has become more complex. Everyday, IS managers in organizations of all over the world manage billions dollars of assets and must make complex decisions that involve information security, outsourcing, disaster recovery, software, hardware and vendor selection, investment strategies, timing the implementation of complex software systems (such as ERP). Inadequate understanding of these decision problems, poor decision analysis, and bad judgment can result in catastrophic outcomes for companies. However, there has been limited research on decision models and frameworks that could assist IT managers with these complex decision problems. While there are researchers working in these areas, much of their work appears in journals outside the field of IS. The primary objective of this special issue of Information Systems Frontiers is to focus on providing solutions to significant IS management problems and to provide strategic knowledge for practicing managers. It is also the objective of this special issue to give impetus to the development of a line of research that would continue to focus attention on providing solutions for the many emerging complex problems that IS managers may face.

Topics include but are not limited to:

- IS Outsourcing
- IS Security
- Disaster Recovery Planning
- Risk Assessment
- IT & Productivity
- IS Economics (e.g. Real Options)
- Hardware/Software Selection
- Vendor Selection
- Data Warehousing
- Knowledge Management Assessment

Review Process

Each submitted paper will be peer-reviewed in the same manner as other submissions to Information Systems Frontiers. Quality and originality of the contribution are the major acceptance criteria for each submission. Due to the tight deadline, papers for which the outcome is “major revision” will not be accepted for the focused issue, but may be put into the journal’s regular process and, after revision is complete, be considered for a regular issue of the journal.

Important Dates

Deadline for manuscripts: March 15, 2007
Preliminary notice to authors: June 15, 2007
Revision Due: September 1, 2007
Final Manuscript Due: December 15, 2007

Submission Instructions

Only electronic submissions will be accepted. Please submit your manuscript as an e-mail attachment to Kweku-Muata Osei-Bryson (Kweku.Muata@isy.vcu.edu) or Ojelanki Ngwenyama (Ojelanki@ryerson.ca). Clearly specify on the subject of the email that the submission is meant for the special issue. The submission must be in Word or PDF format. Final manuscripts must be submitted in MS Word format for typesetting by the publisher. Manuscript must be typewritten in English and double-spaced throughout. Research papers should not exceed 6,000 words.

The cover page should contain the paper title, and the name, affiliation, address, phone number, fax number, and email address of each author, and indicate the author responsible for correspondence. All submissions will be peer reviewed

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<p>Kweku-Muata Osei-Bryson is Professor of Information Systems at Virginia Commonwealth University, where he also served as the Coordinator of the Ph.D. program in Information Systems during 2001-2003. Previously he was Professor of Information Systems and Decision Analysis in the School of Business at Howard University, Washington, DC, U.S.A. He has also worked as an Information Systems practitioner in both industry and government. He holds a Ph.D. in Applied Mathematics (Management Science & Information Systems) from the University of Maryland at College Park, a M.S. in Systems Engineering from Howard University, and a B.Sc. in Natural Sciences from the University of the West Indies at Mona.</p> <p>He currently does research in various areas including: Data Mining, Expert Systems, Decision Support Systems, IT & Productivity, Information Systems Outsourcing, Multi-Criteria Decision Analysis. His papers have been published in various journals including: <i>Information & Management</i>, <i>Information Systems Journal</i>, <i>Information Systems Frontiers</i>, <i>Journal of the Association for Information Systems</i>, <i>Expert Systems with Applications</i>, <i>Journal of Database Management</i>, <i>Omega</i>, <i>Business Process Management Journal</i>, <i>International Journal of Intelligent Systems</i>, <i>IEEE Transactions on Knowledge & Data Engineering</i>, <i>Data & Knowledge Engineering</i>, <i>Information & Software Technology</i>, <i>Decision Support Systems</i>, <i>Information Processing and Management</i>, <i>Computers & Operations Research</i>, <i>European Journal of Operational Research</i>, <i>Journal of the Operational Research Society</i>, <i>Journal of Multi-Criteria Decision Analysis</i>, <i>Applications of Management Science</i>. Currently he serves an Associate Editor of the INFORMS Journal on Computing, and is a member of the Editorial Board of the Computers & Operations Research journal</p>	<p>Ojelanki Ngwenyama, MS. (Roosevelt), MBA (Syracuse), Ph.D., (Computer Science, SUNY-Binghamton), is Professor of Information Technology Management at Ryerson University and Director of the Institute for Research on Technology Management. Prior to joining Ryerson in 2004 Ojelanki was Professor of Information Systems and Director of the International Scholars Program at Virginia Commonwealth University, Richmond, Virginia, USA. He is currently Visiting Research Professor at Aalborg University, Denmark and University of Jyväskylä, Finland. Ojelanki has also served on the faculties of University of Michigan Business School, USA; The Rotterdam School of Management, Erasmus University, The Netherlands; University of Pretoria, South Africa; York University, Toronto.</p> <p>Prior to becoming an academic Ojelanki was responsible for developing Canada Post's Strategic Information Systems Architecture (1983-1985). His current research focuses on ICT and productivity, organizational issues of ICT implementation and use, software process improvement, non-traditional research methods in information systems and ICT and development. In 1996 he and Kweku-Muata Osei-Bryson won the ANBAR Excellence Award for their research; and in 1997 he and Allen Lee won the MISQ Best Paper Award. Ojelanki is co-author of the book: <i>Learning To Improve: Software Process Improvement In Practice</i>, Addison Wesley Press, 2001. He was an Associate Editor for <i>MISQ</i> (2004-2001) and is a member of the Editorial Advisory Board of the <i>Scandinavian Journal of Information System</i>. He has also served on the editorial boards of the <i>Journal of Information Technology and People</i> and <i>Journal of the Association of Information Systems</i> and ICIS. Ojelanki has been a member of International Federation for Information Processing, Working Group 8.2 (Organization and Societal Implications of Information Systems) since 1986.</p>