IGI Global Electronic Databases

Overview of IGI Global Research and

New XML-Powered E-Resources Platform

www.igi-global.com

IGI Global

Founded in 1987, IGI Global (formerly Idea Group Inc.) is an innovative international disseminator of knowledge, currently specializing in information science, technology, and management books, journals, teaching cases, and conference proceedings.

Through the imprints **Information Science Reference** and **Medical Information Science Reference**, **Business Science Reference**, and **Engineering Science Reference** IGI Global produces distinguished research publications empowering professionals in all fields that are impacted by technology to keep up with the rapid pace of technological innovations and findings, with a unique focus on the "human side"—interaction with and management of information and technology.

To provide libraries with research collections of all content from these imprints, IGI Global launched its full-text databases:

- **InfoSci-Books**
- **InfoSci-Journals**
- **InfoSci-Cases**
- **Business-Technology-Solution**
- **10 InfoSci-Subject Databases**
- **InfoSci-On-Demand**

Research on the Cutting-Edge

- IGI Global has strong ties internationally with top scientists, researchers, and practitioners in computer science, information technology, biomedical informatics, and related fields

- IGI Global quickly identifies emerging topic areas and disseminates research rapidly

- **<u>Result for the user:</u>** access to the leading edge of research topics that will drive the **next generation** of applied technology innovations across multiple disciplines!

Authoritative Content

- Double-blind, peer-reviewed chapters and articles

- Distinguished editors-in-chief, associate editors, and review boards for journals, book series, edited books, and reference works

- Authors and editors selected for expertise in topic areas

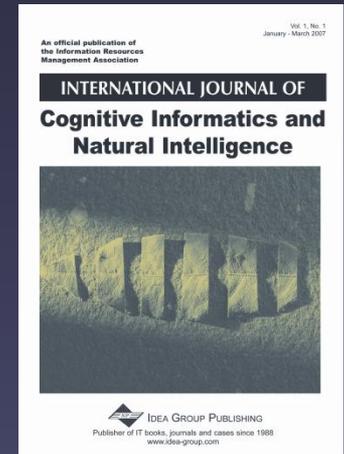- Collaborative coverage of interdisciplinary subject areas

Unmatched Coverage of Specialized Topics

- Strong coverage of core computer science topics such as artificial intelligence, data mining and warehousing, Semantic Web services, and more
- Strong coverage of the "human side" of technology
    - Not just technical issues, but research exploring what people and organizations *do* with technology in specific settings
        - Business
        - Government
        - Education
        - Healthcare
        - Social Sciences
        - And much more!
- Social and interpersonal issues
- Leading publisher of research in educational technology, distance learning
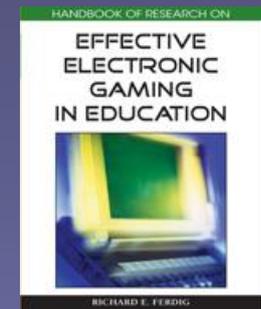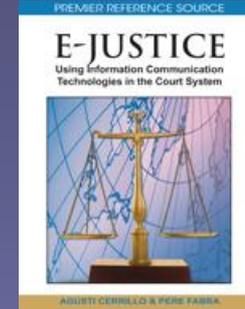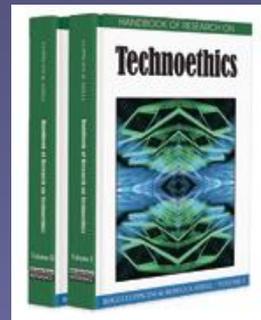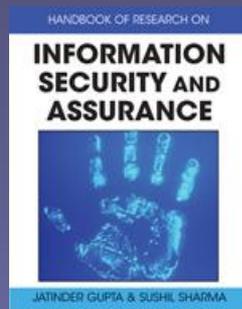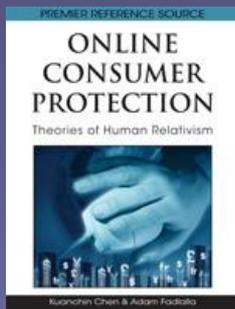
What's Different About IGI Global Publications?

- **Timely, relevant content**
  - IGI Global publications cover the most cutting-edge, authoritative research on critical, specialized topics in computer science and information technology management
  - Rapid publication cycle ensures prompt dissemination of the latest findings

- **"Technology and people"**
  - In addition to strong coverage of core computer science topics, the publications reflect IGI Global's unique focus on the organizational, behavioral, social, and interpersonal impacts of technology

- **Depth and breadth of coverage**
  - IGI Global's portfolio covers technological innovations and findings with a comprehensiveness unmatched by any other publisher

InfoSci-Books

BEST REFERENCE DATABASE
Library Journal, April 15, 2009

- The solution for full-text access to all IGI Global books and reference works from 2000-present

- Over 40,000 chapters in PDF from 1,200+ books and reference titles

- Fraction of the cost of the equivalent print collection

- Abstract & index records for each chapter

- Strong search functionality and user-friendly interface
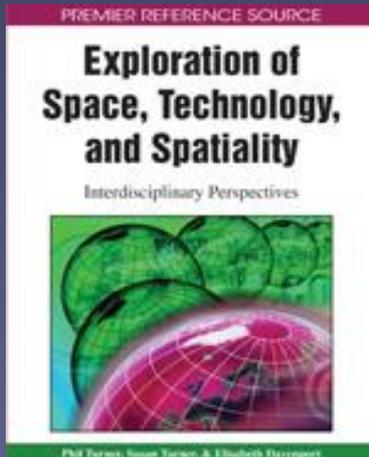
Sample Titles of Recent Books

- Handbook of Research on Digital Libraries: Design, Development, and Impact

- Medical Informatics in Obstetrics and Gynecology

- Social Computing in Homeland Security: Disaster Promulgation and Response

- Automotive Informatics and Communicative Systems: Principles in Vehicular Networks and Data Exchange

- E-Banking Management: Issues, Solutions, and Strategies

- Handbook of Research on Computational Arts and Creative Informatics

- Handbook of Research on Synthetic Emotions and Sociable Robotics: New Applications in Affective Computing and Artificial Intelligence

- Mobile and Ubiquitous Commerce: Advanced E-Business Methods

- Games-Based Learning Advancements for Multi-Sensory Human Computer Interfaces: Techniques and Effective Practices

- Multimodal Human Computer Interaction and Pervasive Services

- Localization Algorithms and Strategies for Wireless Sensor Networks

- Biological Data Mining in Protein Interaction Networks

- Multimedia Forensics and Security

- Computational Intelligence in Archaeology

- Handbook on Advancements in Smart Antenna Technologies for Wireless Networks

- Encyclopedia of Human Resources Information Systems: Challenges in e-HRM

- Social Networking Communities and E-Dating Services: Concepts and Implications

- Model-Driven Software Development: Integrating Quality Assurance

- Information Technology Governance and Service Management: Frameworks and Adaptations

- Exploration of Space, Technology, and Spatiality: Interdisciplinary Perspectives

- Gender and Information Technology: Moving Beyond Access to Co-Create Global Partnership

- Patient-Centered E-Health

- Software Engineering: Effective Teaching and Learning Approaches and Practices

- Contemporary Research in E-Branding

- Cognitive Effects of Multimedia Learning

Popular IGI Global Book Titles

HANDBOOK OF RESEARCH ON

DIGITAL LIBRARIES

Design, Development, and Impact
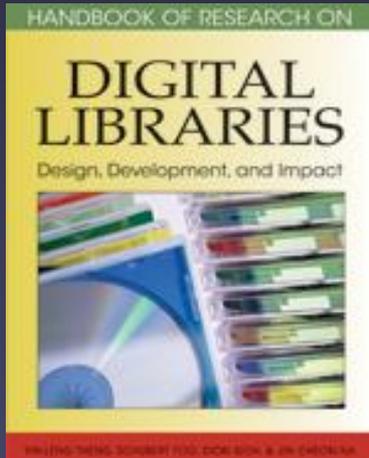
"This book brings together researchers working at the intersections of digital, geographical, geometric, linguistic, information and organizational space. They address complex and challenging issues which cross traditional domains of study, and together bridge perspectives from information science, geography, design, anthropology, computing, psychology and philosophy."
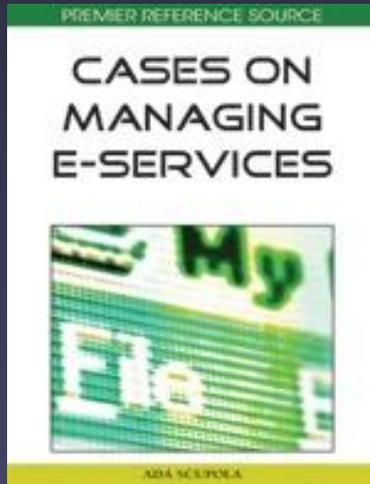
- Phil Turner, Napier University, UK

PREMIER REFERENCE SOURCE

Exploration of Space, Technology, and Spatiality

Interdisciplinary Perspectives

"This handbook aims to provide comprehensive coverage and definitions of the most important issues, concepts, trends and technologies relating to digital library technology and applications."

- Yin-Leng Theng, Nanyang Technological University, Singapore

IGI Global Casebooks

PREMIER REFERENCE SOURCE

CASES ON MANAGING E-SERVICES

ADA SCUPOLA

"Medina-Garrido et al. assemble 14 case studies on how information technology can be the basis for entrepreneurship. Contributors from Europe and the US, who work in business, economics, and entrepreneurship, management and other fields, provide cases that provide firm creation by individual entrepreneurs as well as corporate entrepreneurship."
- *Books News Inc.* (2008)

"Editor Scupola has compiled these research studies on the management of e-services, providing both information service technicians and managers with the latest technical advances in business-to-business, business-to-consumer, and e-government applications."
-*Book News Inc.* (February 2009)

CASES ON INFORMATION TECHNOLOGY ENTREPRENEURSHIP

JOSE A. MEDINA-GARRIDO
SALUSTIANO MARTINEZ-FIERRO
& JOSE RUIZ-NAVARRO

InfoSci-Journals

- Full-text collection of IGI Global journals for a fraction of print subscription cost

- Over 4,000 articles in PDF from 100+ journals

- 75,000+ reference citations

- Timely access to current issues, no embargo

- Updated continuously with new issues before print release

- Abstract and indexing records enhance search and retrieval

- MARC records and journal persistent URLs provided

- Strong search functionality and user-friendly interface

IGI Global Journals

- Information Resources Management Journal
- Journal of Organizational and End User Computing
- Journal of Database Management
- Journal of Global Information Management
- Journal of Cases on Information Technology
- International Journal of Distance Education Technologies
- International Journal of IT Standards and Standardization Research
- Journal of Electronic Commerce in Organizations
- International Journal of Web Services Research
- International Journal of Business Data Communications and Networking
- International Journal of Cases on Electronic Commerce
- International Journal of Data Warehousing and Mining
- International Journal of E-Business Research
- International Journal of e-Collaboration
- International Journal of Electronic Government Research
- International Journal of Enterprise Information Systems
- International Journal of Information and Communication Technology Education
- International Journal of Intelligent Information Technologies
- International Journal of Knowledge Management
- International Journal on Semantic Web and Information Systems
- International Journal of Technology and Human Interaction
- International Journal of Healthcare Information Systems and Informatics
- International Journal of Information Technology and Web Engineering
- International Journal of Web-Based Learning and Teaching Technologies
- International Journal of Cognitive Informatics and Natural Intelligence
- International Journal of Information Security and Privacy
- Journal of Information Technology Research
- International Journal of Information Systems and Supply Chain Management

- International Journal of Information Technologies and Systems Approach
- International Journal of Ambient Computing and Intelligence
- International Journal of Sociotechnology and Knowledge Development
- International Journal of E-Services & Mobile Applications
- International Journal of Decision Support System Technology
- International Journal of Nanotechnology and Molecular Computation
- International Journal of Mobile and Blended Learning
- International Journal of Virtual Communities and Social Networking
- International Journal of Actor-Network Theory and Technological Innovation
- International Journal of Mobile Human Computer Interaction
- International Journal of Grid and High Performance Computing
- International Journal of Digital Crime and Forensics
- International Journal of E-Adoption
- International Journal of Healthcare Delivery Reform Initiatives
- International Journal of Advanced Pervasive and Ubiquitous Computing
- International Journal of Information Systems for Crisis Response and Management
- International Journal of Mobile Computing and Multimedia Communications
- International Journal of Web Portals
- International Journal of Information Communication Technologies and Human Development
- International Journal of Information Systems in the Service Sector
- International Journal of Agent Technologies & Systems
- International Journal of Interdisciplinary Telecommunications & Networking
- International Journal of Software Science and Computational Intelligence
- International Journal of Open Source Software & Processes
- International Journal of Gaming and Computer-Mediated Simulations

IGI Global Journals Collection is Growing

IGI Global's journal collection now contains 102 titles and is expanding to 125+ by the end of 2010
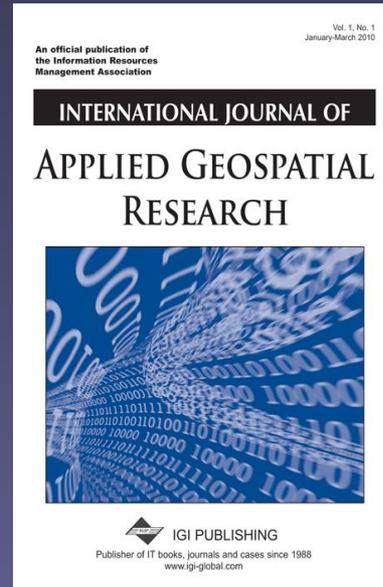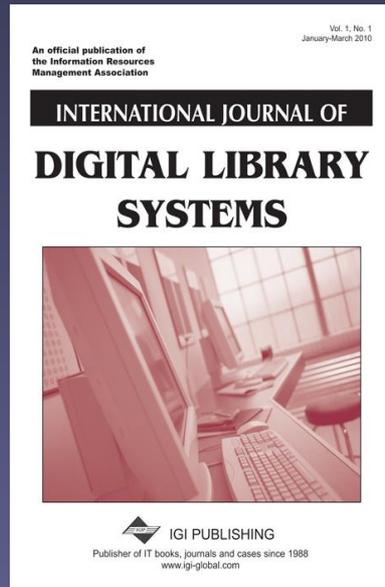
New IGI Global Journals Offer:

- ✓ **Faster dissemination** of cutting-edge research materials
- ✓ Access to the **latest subject areas** being explored within the field of IS&T
- ✓ Opportunities for **collaboration** and **future research**
- ✓ A **variety** of research studies conveniently located in one publication
- ✓ **Comprehensive coverage** of high-quality, peer-reviewed information from authoritative experts in the field

IGI Global Journal Indexing

- ABI/Inform
- Aluminum Industry Abstracts
- Bacon's Media Directory
- Burrelles'Media Directory
- Cabell's Directory
- Ceramic Abstracts
- Compendex (Elsevier Engineering Information)
- CompuMath Citation Index
- Computer and Information Systems Index
- Corrosion Abstracts
- CSA Civil Engineering Abstracts
- CSA Illumina
- CSA Mechanical & Transportation Engineering Abstracts
- Current Contents/Engineering, Computing & Technology (ISI)
- Current Contents/Social & Behavioral Sciences
- DBLP
- DEST Register of Refereed Journals
- EBSCOhost's Business Source
- EBSCOhost's Computer & Applied Sciences Complete
- EBSCOhost's Computer Science Index
- EBSCOhost's Computer Source
- EBSCOhost's Current Abstracts
- EBSCOhost's Library/Information Science & Technology Abstracts

- Electronics and Communications Abstracts
- Emerald Abstracts
- Engineered Materials Abstracts
- Gale Directory of Publications & Broadcast Media
- GetCited
- H.W. Wilson Business Abstracts
- The Index of Information Systems Journals
- INSPEC
- Internet & Personal Computing Abstracts
- ISBIB
- ISI Research Alert
- ISI Web of Science
- Library and Information Science Abstracts
- Library Literature and Information Science
- Materials Business File
- Steels Alert
- MediaFinder.com
- PsycINFO
- PubList.com
- SCOPUS
- Science Citation Index Expanded (ISI)
- Social Science Citation Index
- Solid State and Superconductivity Abstracts
- Standard Periodical Directory
- Ulrich's International Periodicals Directory

Honorable Mentions

- The National Committee of Scientific Research in France (Comité National de la Recherche Scientifique - CNRS) included the *International Journal of Technology and Human Interaction* **(IJTHI)** in the Information Systems category of their recently released "Categorization of Journals in Economics and Management."

- Five of IGI Global's journals have the distinction of indexing in Thomson ISI databases:

  - **Journal of Database Management**
    JDM is ranked FIRST in terms of Immediacy Index in its categories.

  - **International Journal of Web Services Research**
    Impact Factor: 1.2

  - **Journal of Global Information Management**
    Impact Factor: 1.387

  - **International Journal on Semantic Web and Information Systems**
    Impact Factor: 1.8

  - **International Journal of Data Warehousing and Mining**
    Coverage Included in Science Citation Index Expanded and Current Contents - Engineering, Computing & Technology

Journal of Database Management **was ranked as an "A" journal by the Australia Research Council**

Vol. 16, No. 4
October-December 2005

An official publication of the Information Resources Management Association

Special Issues:
Agile Information Systems Development

JOURNAL OF

Database Management

IGI PUBLISHING
Publisher of IT books, journals and cases since 1988
www.igi-global.com

High-Demand, Innovative Topic Areas
International Journal of Ambient Computing and Intelligence (IJACI)

- Distributed computing, human computer interaction, and ubiquitous computing fields combined similar studies to evolve into the revolutionary new discipline of **ambient intelligence**

- Highly accomplished researcher and scholar Dr. Kevin Curran recognized the need for a journal to cover this innovative new topic area

- Dr. Curan became the first in this hybrid field to create a publication through devoted to uniting the interdisciplinary fields

Editor-in-Chief: Dr. Kevin Curan

Vol. 1, No. 1
January-March 2009

An official publication of the Information Resources Management Association

INTERNATIONAL JOURNAL OF

AMBIENT COMPUTING AND INTELLIGENCE

IGI PUBLISHING
Publisher of IT books, journals and cases since 1988
www.igi-global.com
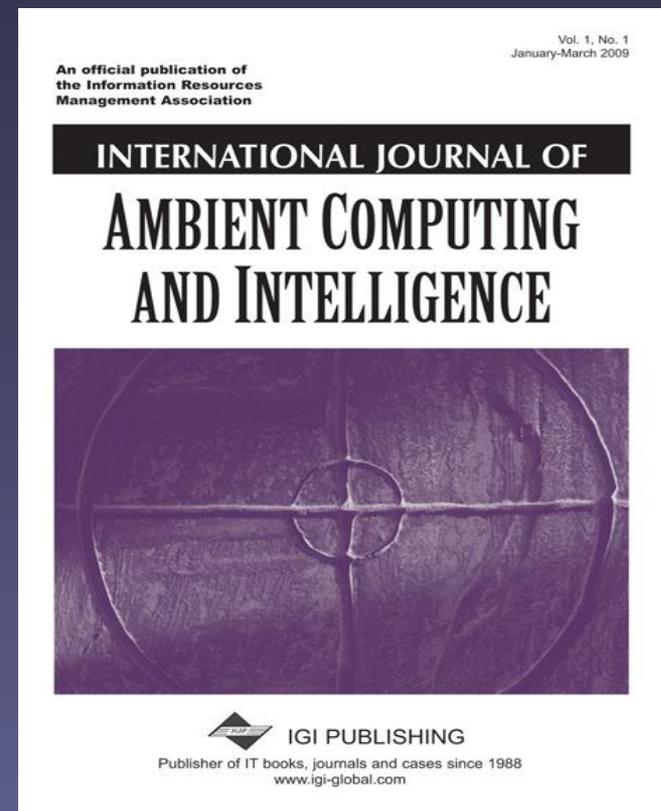
Interdisciplinary Research
International Journal of Agent Technologies & Systems (IJATS)

Editor-in-Chief: Dr. Goran Trajkovski

An official publication of the Information Resources Management Association

Vol. 1, No. 1
January-March 2009

INTERNATIONAL JOURNAL OF

Agent Technologies & Systems

IGI PUBLISHING
Publisher of IT books, journals and cases since 1988
www.igi-global.com

"We see a need for an open forum for exchange of ideas, so that none of us reinvents the wheel," says Dr. Trajkovski. "Often times the solutions we are looking for can be found in a different discipline, in a different context. At different conferences I would organize interdisciplinary forums, and the experience of the cross-disciplinary dialogue has been more than rewarding. Editing or writing interdisciplinary volumes further reinforced my dedication to interdisciplinarity - and this journal is all about it!"

http://slurl.com/secondlife/Dreyfus/224/96

Collecting the Pieces
International Journal of Information Technologies and the Systems Approach (IJITSA)

Editors-in-Chief:
Dr. David Paradice & Dr. Manuel Mora

An official publication of the Information Resources Management Association

Vol. 1, No. 1
2008

INTERNATIONAL JOURNAL OF
INFORMATION TECHNOLOGIES AND SYSTEMS APPROACH

IDEA GROUP PUBLISHING
Publisher of IT books, journals and cases since 1988
www.idea-group.com

- IJITSA examines the **interaction** between components of information-technology-based organizational systems, as well as the overall management and engineering of an IS/IT function, processes or area in organizations.

- "A systems approach is synthetic; it examines the interplay between the components of a system rather than analyzing the components individually."   – Dr. Paradice

New Strategies & Tools
to Advance Current Practices
International Journal of Information and Communication Technology Education (IJICTE)

The journal publishes articles, papers, and manuscripts promoting the advancement of teaching with technology at all levels of education encompassing all domains of learning and purposes to serve as a medium for introducing, collaborating, analyzing, synthesizing, and evaluating new and innovative contributions to the theory, practice, and research of technology education applicable to K-12 education, higher education, and corporate and proprietary education.

Editor-in-Chief:
Dr. Lawrence Tomei

Vol. 1, No. 1
January - March 2005

An official publication of
the Information Resources
Management Association

INTERNATIONAL JOURNAL OF

Information and Communication Technology Education

IDEA GROUP PUBLISHING
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www.idea-group.com
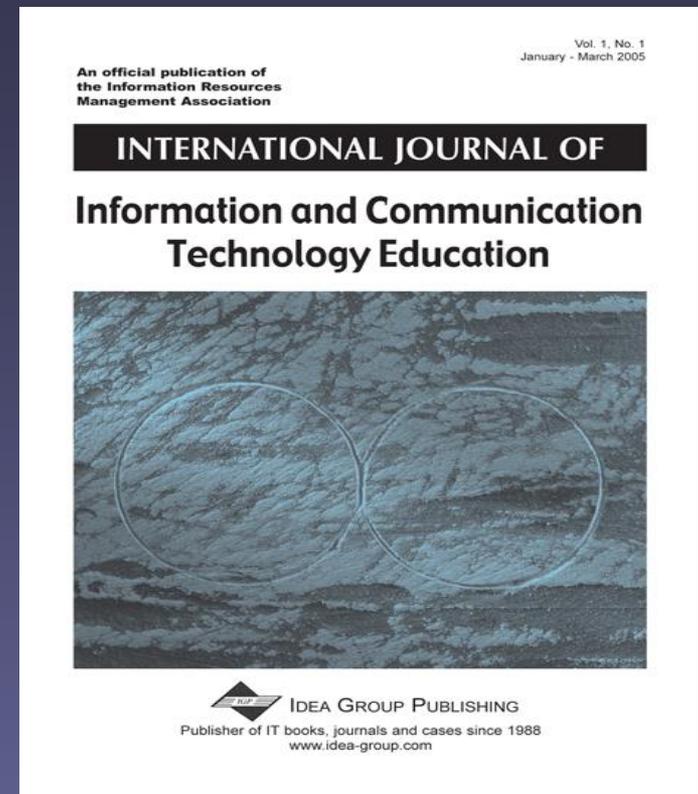
Searching IGI Global's New Platform and XML-Powered Engine

Record structure provides for five main search options:

- **Basic** Search
- **Advanced** Search
- **Keyword** Search
- **Subject** Search
- **Expert** Search

Search by Subject

Content arranged under **52 broad topic headings** including:

- IT Education
- Electronic Commerce
- Human Aspects of Technology
- Health Information Systems
- Database Technologies and Applications
- Mobile/Wireless Computing
- Social Computing
- Knowledge Management
- And more...

Search by Keyword

articles within the database, but remain in order to allow for the ease of growth and expansion as the content of InfoSci-Online increases.

Education

Back

- Distance Education/Distance Learning
  - Action Learning
  - Asynchronous Communications
  - Asynchronous Discussion
  - Asynchronous Education
  - Computer Mediated Communication
  - Computer-based Instruction
  - Computer-Based Training
  - Conferencing Technologies
  - Correspondence Courses
  - Course Web Site
  - Distance Education
  - Distance Education, Resources
  - Distance Education Courses
  - Distance Learning
  - Electronic Mail (Email)
  - IT Education
  - Interactive Television
  - Internet Access
  - Internet-Based Instruction
  - Learning Communities

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**IGI Global Online Symposium Series**

IGI Global's Online Symposium Series promotes new techniques and technologies applicable to research and instruction and connects researchers to an international network of field experts.

Upcoming symposium:

Report From The United Nations Climate Change Conference In Copenhagen: Implications For Human Health (Dr. Lynn Wilson, IGI Global Editor and Executive Director of the SeaTrust Institute) January 28th 1pm EST

Sign up for this free online event.

- **Controlled keywords** add precision to retrieval.

- **Keywords organized into 11 main categories** and numerous subcategories. Main categories include:
- Business Management
- Education
- Electronic Commerce
- Environmental IS
- Library Science
- Social Science
- Healthcare
- And more...

Basic Search

Take advantage of full-text searching options.

Advanced Search

Search by bibliographic elements using Advanced options, including:

- Author/editor
- Title
- ISSN/ISBN
- DOI
- Keyword
- And more

Expert Search

Receive exact search results with weighted matching.

Search Results

The **search results page** is a ranked listing with basic information—title, year, and author. The user can then narrow their search options further by using the left navigation features.

Abstracts

IGI Global Databases include full, informative abstracts for each article or chapter.

Full-Text PDF and XML
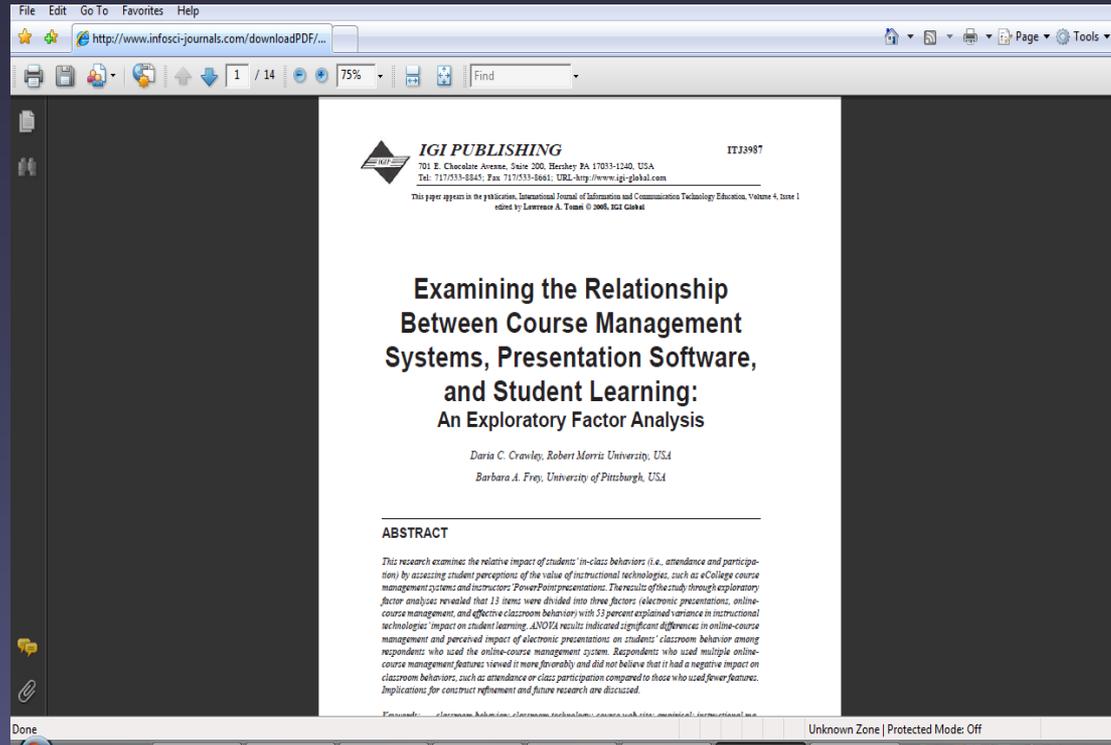
Abstract records link to high-quality XML/HTML and PDF displays of the full article.

Full-Text PDF and XML

Abstract records link to high-quality XML/HTML and PDF displays of the full article.

Other IGI Global Book Databases

- **InfoSci-Cases**
- **Subject Databases** – Comprehensive coverage focused on core information technology topics, including:
    - InfoSci-Database Technologies
    - InfoSci-Educational Technologies
    - InfoSci-E-Government
    - InfoSci-Intelligent Technologies
    - InfoSci-Knowledge Management
    - InfoSci-Medical
    - InfoSci-Multimedia Technologies
    - InfoSci-Security Technologies
    - InfoSci-Social Technologies
    - InfoSci-Software Systems Design

Business-Technology-Solution

2010 Launch

- Institution-wide access to a growing collection of 100+ journals, 1,000+ books and 600+ cases

- Updated continuously as new IGI Global books and journals go to print

- MARC records available at no charge

- Precise search and retrieval through database of chapter-level abstracts and indexing

- COUNTER Compliant

- CrossRef accessibility

Business-Technology-Solution

Pie chart data:
- Cases, 600
- Encyclopedias, 29
- Handbooks, 95
- Journals, 98
- Reference Books, 770

An Essential Resource for:
- Academic Business Programs
- Academic Business Libraries
- Corporate Research and Development
- Government and Non-Profit Organizations
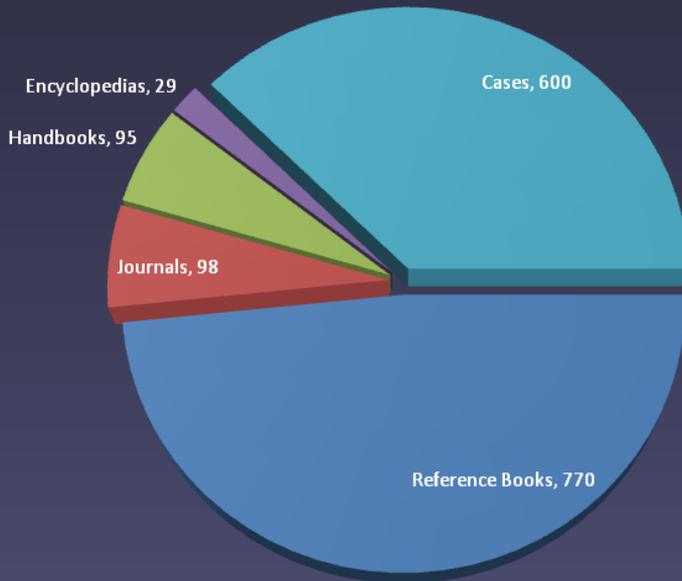
- Over 42,000 full-text articles in PDF and XML

- More than **one million** reference citations for further research

- Contents spanning over three decades

- Perpetual access and continuous updates

- Priced at a fraction of the combined print value

Exceptional Value for Libraries

- **InfoSci-Journals Database**
  - Strongest peer-reviewed collection on applied technology topics
  - Full-text database of 100+ titles for cost of a few print subscriptions
  - For just 10% of the total cost value of the individual journals institutions can have access to the entire full-text database

- **InfoSci-Books Database**
  - Equivalent print value over $350,000
  - Perpetual access or annual subscription at substantial savings

- **Collections growing quickly**
  - Adding new journals rapidly as new research areas emerge
  - Approx. 300 new books added to InfoSci-Books in 2009, 350 in 2010

- **Relevance to multiple disciplines**
  - Business, education, health care, and more, in addition to core technical fields (computer science, information technology, etc.)

- **Unique research topics** not covered in other collections

- **Discounts** for consortia or other multi-site groups

What People Are Saying …

"The high usage level … by students and academics at Open University demonstrates the importance of IGI Global's content in supporting the University's leading edge research and instruction in e-learning, as well as information technology and its broader managerial, organisational, behavioural, and social implications."

– Claire Grace
Electronic Resources Manager, The Open University United Kingdom

"…The theoretical bent of many of the topics covered, and the ease of adding chapters to reading lists, makes it particularly good for institutions with strong information science curricula."

– Issues in Science and Technology Librarianship

"…delivers excellent content efficiently and satisfyingly. It is priced quite reasonably considering the scope and nature of the material. For all these reasons, it gets a firm 10…."

– Library Journal (Cheryl LaGuardia, Harvard University)

For More Information and Free Trials…

- **Contact:**
  eresources@igi-global.com

  Jackie Zanghi-LaPlaca
  Director of Electronic Databases
  IGI Global
  +1 717 533 8845 x131

Thank You from IGI Global!