IGI Global Mission

Publishing Academic Excellence Since 1988

IGI Global is committed to publishing scholarly books, journals, cases, encyclopedias, handbooks of research and electronic resources of the highest quality that provide comprehensive insight into all aspects of information science, business science, medical information science and engineering science. As an internationally-recognized publisher, IGI Global seeks to facilitate the availability of academic excellence and disseminate innovative knowledge worldwide.

www.igi-global.com
IGI Global Products

Reference Books and eBooks
- Premier Reference Titles
- Handbooks of Research
- Encyclopedias
- Case Books
- Research Essentials
- Book Series
- Topic Collections

Scholarly Journals and eJournals
More than 155 highly indexed journals, containing authoritative research from renowned experts in their respective fields. Each journal undergoes an extensive double blind peer-review.

Research Databases
- InfoSci®-Books
- InfoSci®-Disciplines
- InfoSci®-Subject Databases
- InfoSci®-Journals
- InfoSci®-Journal Disciplines
- InfoSci®-Cases
- InfoSci®-Dictionary
- InfoSci®-Select
- InfoSci-ONDemand
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- Browse Content Overview by Subject -

Reference Books | Journals | Teaching Cases | Premier Databases
Providing Targeted Marketing Specific to Each Book:

- Outreach to authors, editors, researchers, and academics
- Promotional campaigns to our partners, stakeholders, and mailing lists
- Library recommendation efforts
- Conference promotional materials and utilizing sponsorship opportunities
- Press outreach
- The IGI Global Newsroom, which features news, new title releases, press releases, and value added content
- Social media
- Promoting book reviews, award nominations, and indices inclusions
Book Indices:
• ACM Digital Library
• Thomson Reuters
• ERIC: Education Resources Information Center
• DBLP Computer Science Bibliography
• Australian Education Index

Book Reviews:
• CHOICE
• Computing Reviews
• Australian Library Journal
• Law Library Journal
• Online Information Review
• Doody’s
• Book News, Inc.
• American Reference Books Annual
• Journal of Electronic Resources Librarianship
Awarded Book Publications

Valuing People and Technology in the Workplace: A Competitive Advantage Framework

Cyber Crime and the Victimization of Women: Laws, Rights and Regulations

The Encyclopedia of Cyber Behavior

Self-Organization and Green Applications in Cognitive Radio Networks

Nominated for the Academy of Management 2013 George R. Terry Book Award

Nominated for the American Society of Criminology, Division of International Criminology’s 2013 Outstanding Book Award

Nominated as a 2013 Outstanding Reference with the Reference and User Services Association (RUSA), a division of ALA

Named the Best Paper for 2013 in the New Applications of Cognitive Principles to Communications category for the WUN CogCom Best Paper Awards
Mehdi Khosrow-Pour (Information Resources Management Association, USA)
A matchless compendium of over 750 authoritative, research-based entries/chapters contributed by nearly 1,200 researchers and experts from 60 countries on a complete range of topics that, together, define the contemporary state of knowledge on technology and its organizational, managerial, behavioral, and social implications.

Online and Distance Learning: Concepts, Methodologies, Tools, and Applications (6 Vols.)
Lawrence A. Tomei (Robert Morris University, USA)
This comprehensive, six-volume collection addresses all prominent aspects of online and distance learning, including information communication technologies applied to education, virtual classrooms, pedagogical systems, Web-based learning communities and library information systems, virtual universities, and numerous other topics.

Software Design and Development: Concepts, Methodologies, Tools, and Applications (4 Vols.)
Information Resources Management Association (USA)
Brings together the best practices of theory and implementation in the development of software systems. This reference source is essential for researchers, engineers, practitioners, and scholars seeking the latest knowledge on the techniques, applications, and methodologies for the design and development of software systems.

Assistive Technologies: Concepts, Methodologies, Tools, and Applications (3 Vols.)
Information Resources Management Association (USA)
Presents a comprehensive collection of research, developments, and knowledge on technologies that enable disabled individuals to function effectively and accomplish otherwise impossible tasks. These volumes serve as a crucial reference source for experts in fields as diverse as healthcare, information science, education, engineering, and human-computer interaction, with applications bridging multiple disciplines.
Cyber Warfare and Cyber Terrorism
Lech Janczewski
(University of Auckland, New Zealand) and Andrew Colarik (AndrewColarik.com, USA)

Provides an overview with basic definitions of cyber terrorism and information warfare, along with recommendations on how to handle these attacks. It presents detailed discussion on primary target facilities, deliverables, external penetration, starting points for preparations against attacks, and planning security systems.

Student Plagiarism in an Online World: Problems and Solutions
Tim S. Roberts
(Central Queensland University, Australia)

Describes the legal and ethical issues surrounding plagiarism, the tools and techniques available to combat the spreading of this problem, and real-life situational examples to further the understanding of the scholars, practitioners, educators, and instructional designers who will find this book an invaluable resource.

Progressive Trends in Knowledge and System-Based Science for Service Innovation
Michitaka Kosaka (Japan Advanced Institute of Science and Technology, Japan) and Kunio Shirahada (Japan Advanced Institute of Science and Technology, Japan)

Illustrates new approaches to service innovation and new methodologies from the knowledge science and system science perspectives. Practitioners and researchers interested in knowing more about practical theories and successful examples in service science will find this book to be a vital asset to their studies.

Integrated Operations in the Oil and Gas Industry: Sustainability and Capability Development
Tom Rosendahl (BI Norwegian Business School, Norway) and Vidar Hepse (Norwegian University of Science and Technology, Norway)

Covers the capability approach to integrated operations that documents research and development in the oil industry. By ‘capability’, we refer to the combined capacity and ability to plan and execute in accordance with business objectives through a designed combination of human skills, work processes, organizational change, and technology.
Explanation:
IGI Global combines subjects strategically into disciplines in an effort to streamline marketing efforts. Each discipline has a dedicated IGI Global Sales and Marketing Manager that oversees the promotional efforts for each title within every subject for their particular discipline.
Business, Administration, and Management Technologies

This discipline consists of two subjects: Business and Management and Public Policy and Administration, covering topics such as: business administration, management science, operations and logistics, electronic government, public administration, and global business.

Target Market:
- Business and IT Professionals
- Public Administrators
- Educators
- Students

Popular Topics in this Discipline:
- Business Management
- Economics
- E-Commerce
- Electronic Government
- Law and Policy
Business Ethics and Diversity in the Modern Workplace
Philippe Zgheib (Lebanese American University, Lebanon)
Investigates the ethical frameworks within modern corporations and their impact on the communities they serve. With a focus on autonomous decision making in complex quandaries, this book is an all-inclusive reference source for students, researchers, practitioners, and managers who are concerned with the various ethical dilemmas within businesses, as well as evaluating moral issues impacting societal welfare.

Encyclopedia of Business Analytics and Optimization (5 Vols.)
John Wang (Montclair State University, USA)
Confronts the challenges of information retrieval in the age of Big Data by exploring recent advances in the areas of knowledge management, data visualization, interdisciplinary communication, and others. Through its critical approach and practical application, this book will be a must-have reference for any professional, leader, analyst, or manager interested in making the most of the knowledge resources at their disposal.

Lean Six Sigma Approaches in Manufacturing, Services, and Production
Erdem Gerard Tetteh (Paine College, USA) and Benedict M. Uzochukwu (Virginia State University, USA)
Presents emerging research-based trends in the area of global quality lean six sigma networks and analysis. Adopting an interdisciplinary approach focusing on research, cases, and emerging technologies, this title provides insight and support to researchers, students, executives, managers, and practitioners concerned with the management of quality and efficiency across industries.

RFID Technology Integration for Business Performance Improvement
In Lee (Western Illinois University, USA)
Presents emerging research surrounding the use and value of Radio Frequency Identification (RFID) technology for cost reduction, supply chain improvement, inventory management, and partner relationship management. This publication is ideal for use by business managers, researchers, academics, and advanced-level students seeking research on the management strategies, operational techniques, opportunities, and challenges of implementing and using this new technology in a business setting.
Discipline: Communications, Social Science, and Healthcare

Communications, Social Science, and Healthcare

This discipline consists of three subjects: Media and Communications, Medicine, Healthcare, and Life Sciences, and Social Science, covering topics such as: multimedia technologies, digital communications, networking, social technologies, societal developments, human aspects of technology, bioinformatics, medical technologies, clinical practice, and healthcare.

Target Market:
• Business and Healthcare Professionals
• Sociologists
• Web Developers/Administrators
• Educators
• Students
• Communication Specialists

Popular Topics in this Discipline:
• Computer-Mediated Communication
• Digital Media
• Gender and Technology
• Multimedia Technologies
• Healthcare Administration
Educational, Psychological, and Behavioral Considerations in Niche Online Communities

Vivek Venkatesh
(Concordia University, Canada), et al.

Examines the presence of online communities centered around niche topics of interest and the impact of these virtual spaces on community members. Taking perspectives from interdisciplinary fields such as sociology, psychology, and education, this publication will appeal to educators, psychologists, behaviorists, students, and researchers interested in the impact of virtual communities on individuals as well as the opportunities these online communities present.

Urbanization and Migration as Factors Affecting Global Economic Development

Denis Ushakov (International College Suan Sunandha Rajabhat University, Thailand & Russian Academy of National Economy and Public Administration–South branch, Russia)

Takes a close look at the impact of urbanization and international migration on the global economy. Studying the dynamics of these two phenomena in countries across the world, as well as the varying successes of regional regulations.

Flipping Health Care through Retail Clinics and Convenient Care Models

Amer Kaissi
(Trinity University, USA)

Addresses the present state of the health system by focusing on current trends and future developments that could assist in delivering accessible and cost-effective medical care to the general public. Bringing together components of the present and future, this publication serves as an essential tool for students and researchers who want to develop a thorough understanding of the changing scope of the health industry in the public sphere.
Discipline: Library Science, Information Studies, and Education

Library Science, Information Studies, and Education

This discipline consists of two subjects: Education and Library and Information Science, covering topics such as: knowledge management, knowledge discovery, information management, library and information science, educational administration, and curriculum development.

Target Market:
- Educators
- Librarians
- Students
- Competitive/Business Intelligence Specialists
- Metadata Specialists
- Information Scientists
- Resource Managers

Popular Topics in this Discipline:
- Distance Learning
- Virtual Learning Environments
- Technology within K-12 and Higher Education
- Professional Development
- Library Information Systems
Handbook of Research on Higher Education in the MENA Region: Policy and Practice

Neeta Baporikar
(Ministry of Higher Education, Oman)

Examines the need for a paradigm shift in the area of post-secondary education and innovation in the emerging, yet relatively understudied, MENA region. This book is a comprehensive reference work for researchers, students, educators, and professionals who are interested in exploring how global higher education is influencing the prosperity and progress of the MENA region.

Succession Planning and Implementation in Libraries: Practices and Resources

Kiyomi D. Deards (University of Nebraska-Lincoln, USA) and Gene R. Springs (The Ohio State University, USA)

 Provides valuable insight into the process of implementing succession planning in libraries. This book delves into the challenges and possibilities of a succession plan's effect on the success of library organizations. Human resources officers, library administrators, academicians, and students will find this book beneficial to furthering their understanding of current practice in succession planning.

Collaborative Knowledge in Scientific Research Networks

Paolo Diviacco (Istituto Nazionale di Oceanografia e di Geophysica Sperimentale (OGS), Trieste, Italy), et al.

Addresses the various systems in place for collaborative e-research and how these practices serve to enhance the quality of research across disciplines. Covering new networks available through social media as well as traditional methods such as mailing lists and forums, this publication considers various scientific disciplines and their individual needs.
Science, Engineering, and Information Technology

This discipline consists of four subjects: Computer Science and Information Technology, Environmental Science and Technologies, Engineering, and Security and Forensics, covering topics such as: artificial intelligence, software technologies, computer science, engineering, green technologies, sustainability management, security technologies, forensic criminal science.

Target Market:
- Computer Scientists
- Engineers
- Security and Forensics Professionals
- Environmental/Sustainability Professionals
- Researchers and Educators

Popular Topics in this Discipline:
- Cloud Computing
- Information Security and Privacy
- Digital Crime and Forensics
- Systems and Software Design
- Engineering
- Sustainable Development
**Encyclopedia of Information Science and Technology**
(3rd Edition, 10 Vols.)
Mehdi Khosrow-Pour (Information Resources Management Association, USA)

A 10-volume compilation of authoritative, research-based articles contributed by thousands of researchers and experts from all over the world. This discipline-defining encyclopedia will serve research needs in numerous fields that are affected by the rapid pace and substantial impact of technological change.

**Fracture and Damage Mechanics for Structural Engineering of Frames: State-of-the-Art Industrial Applications**
Julio Florez-Lopez (University of Los Andes, Venezuela), et al.

Outlines the latest computational tools, models, and methodologies surrounding the analysis of wall and frame load support and resilience. Emphasizing best practices in computational simulation for civil engineering applications, this reference work is invaluable to postgraduate students, academicians, and engineers in the field.

**Impacts of Climate Change on Food Security in Small Island Developing States**
Wayne G. Ganpat (The University of the West Indies, Trinidad and Tobago) and Wendy-Ann P. Isaac (The University of the West Indies, Trinidad and Tobago)

Discusses the repercussions of a shifting climate on food production and availability in small island nations. Comprised of research-based chapters on topics relevant to crop management, sustainable development, and livestock management on island territories.

**Exchanging Terrorism Oxygen for Media Airwaves: The Age of Terroredia**
Mahmoud Eid (University of Ottawa, Canada)

Provides a timely and thorough discussion on a wide range of issues surrounding terrorism in relation to both traditional and new media. Comprised of insights and research from leading experts in the fields of terrorism and media studies, this publication presents various topics relating to Terroredia: understanding of terrorism and the role of the media, terrorism manifestations and media representations of terrorism, types of terrorism and media stereotypes of terrorism, and much more.
North America

Infonomics and the Business of Free: Modern Value Creation for Information Services
John J. Regazzi
(Long Island University, USA)
Addresses the question of whether or not information has become a commodity and examines how infonomics and the “business of free” have changed the way companies must create and market their information to make it accessible and valuable for their customers.

Organizations and Social Networking: Utilizing Social Media to Engage Consumers
Eldon Y. Li
(National Chengchi University, Taiwan & California Polytechnic State University, USA), et al.
Explores the opportunities and challenges brought about by the advent of various 21st century online business web tools and platforms.

Research from North American Region: 31%
Sales from North American Region: 56%
Latin America Online: Cases, Successes and Pitfalls
Mila Gascó-Hernández (Pompeu Fabra University and Estratic, Spain)
Describes how e-government initiatives are taking place in several Latin American countries, and provides an insightful analysis about those factors that are critical in an e-government design and implementation process.

Knowledge and Technological Development Effects on Organizational and Social Structures
José Abdelnour-Nocera (University of West London, UK)
Provides a wide ranging discussion on the exchanging of research ideas and practices in an effort to bring together the social and technical aspects within organizations and society. This collection focuses on new ideas and studies for research, students, and practitioners.
Europe

Consumption Culture in Europe: Insight into the Beverage Industry
Carmen R. Santos (University of Leon, Spain), et al.
Brings the most relevant theories about culture and European market segmentation as well as providing updated data for the evaluation and analyses of the European consumption patterns in the beverage market. This comprehensive collection is an essential tool for policy-makers and those interested in end-markets and consumer affairs.

Labor and Health Economics in the Mediterranean Region: Migration and Mobility of Medical Doctors
Ahmed Driouchi (Al Akhawayn University, Morocco)
Addresses the mobility of physicians in the Mediterranean region within a global context, focusing on the role mobility has played in the global health system in both developed and developing economies.

Research from European Region: 27%
Sales from European Region: 10%
Contemporary Social Issues in East Asian Societies: Examining the Spectrum of Public and Private Spheres

Mika Markus Merviö (Kibi International University, Japan)

Focuses on modern highly developed East Asian societies and their social issues, particularly ones that are related to family, institution, and health.

Technical Challenges and Design Issues in Bangla Language Processing

M. A. Karim (Old Dominion University, USA), et al.

Addresses the difficulties as well as the overwhelming benefits associated with creating programs and devices that are accessible to the speakers of the Bangla language.

Research from Asia Region: 18%
Sales from Asia Region: 25%
Library and Information Science Research in Asia-Oceania: Theory and Practice
Jia Tina Du (University of South Australia, Australia), et al.
Presents evolving and emerging research and development in the field of library and information science (LIS) in diverse countries in Asia-Oceania as the region continues to develop. This book is intended as a useful resource for LIS researchers, scholars, students, professionals, and practitioners, and is an appropriate text for courses in LIS.

Cases on Cultural Implications and Considerations in Online Learning
Andrea Edmundson (eWorld Learning, USA)
Illustrates ways in which to reach and engage learners across cultures by using online learning that accommodates cultural differences and preferences. This casebook helps online educators understand what cultural expectations their students have before they create online programs and tailor their instructional designs for multicultural and international learners.
Cases on Management and Organizational Behavior in an Arab Context
Grace C. Khoury (Birzeit University, Palestine), et al.

Provides a presentation of teaching cases emphasizing the positive and negative experiences on a variety of management topics. Focusing on organizational behavior and leadership in Arab countries and the impact of culture in management and behavior.

Rural Community Libraries in Africa: Challenges and Impacts
Valeda F. Dent (Long Island University, USA), et al.

Investigates the relationship between local libraries and community development. From the historical roots of rural libraries to their influence on the literacy, economy, and culture of the surrounding region, this book will present academics, researchers, and, most importantly, librarians with crucial insight into the tangible benefits of rural community libraries and the obstacles they must overcome.
The era of globalization has revolutionized the way in which diverse organizations conduct business. In order to remain competitive in the global marketplace, it is necessary for institutions to continuously evaluate their current practices and discover new opportunities for growth.

IGI Global's Business & Management subject area features the latest innovations in organizational and managerial theory and practice in diverse sectors. Titles within this comprehensive collection are ideally designed for use by business professionals, academicians, and global leaders interested in the latest trends, tools, and methodologies in diverse fields including accounting, economics, marketing, manufacturing, human resources, service science, and management.
IGI Global’s Publishing Focus for Business and Management

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<th>Year</th>
<th>Business and Management</th>
<th>Other Subjects</th>
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<tr>
<td>Current</td>
<td>19%</td>
<td>81%</td>
</tr>
<tr>
<td>2015</td>
<td>25%</td>
<td>75%</td>
</tr>
<tr>
<td>2016 (Projection)</td>
<td>35%</td>
<td>65%</td>
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**Explanation:**

Prior to IGI Global's recent content expansion, titles within the Business and Management subject area primarily focused on the integration, management, and use of technology in business environments.

IGI Global's latest expansion in this subject presents publications in all areas of business and administration, including titles on management theory, tourism and hospitality, finance, marketing, economics, and human resources development.
Management, Operations, and Organizational Development

Current: 28%
Projected (2016): 33%

Explanation:
With the new content expansion, IGI Global projects that the Management, Operations, and Organizational Development topic area will continue to represent the largest percentage of Business and Management titles at 33%.
Accounting, Finance, and Economics

Explanation:

The largest shift in Business and Management topics after the content expansion can be seen in the Accounting, Finance, and Economics topic area. Previously representing only 3% of IGI Global's Business and Management titles, this topic is expected to grow to represent 20% of titles within this subject area.
Emerging Research on Islamic Marketing and Tourism in the Global Economy
Hatem El-Gohary (Birmingham City University Business School, UK & Cairo University Business School, Egypt), et al.
Offers in-depth perspectives on the influence of Islam on consumer behavior, the travel industry, product development, and the promotion of goods and services. Focusing on current trends and tools, comprehensive interviews, questionnaires, and emerging research, this book is an essential reference source for academicians, entrepreneurs, policymakers, university students, and educators interested in research surrounding the impact of Islam on business.

Hospitality, Travel, and Tourism: Concepts, Methodologies, Tools, and Applications (3 Vols.)
Information Resources Management Association (USA)
Considers the effect of cultural heritage and destinations of interest on the global economy from the viewpoints of both visitor and host. This broadly-focused, multi-volume reference will provide unique insights for travelers, business leaders, sightseers, cultural preservationists, and others interested in the unique variety of human ingenuity and innovation around the world.

Handbook of Research on Retailer-Consumer Relationship Development
Fabio Musso (University of Urbino, Department of Economics, Society and Politics (DESP), Italy) and Elena Druica (University of Bucharest, Department of Economic and Administrative Sciences, Romania)
Offers a complete and updated overview of various perspectives relating to customer relationship management within the retail industry and stimulates the search for greater integration of these views in further research.

Handbook of Research on Organizational Transformations through Big Data Analytics
Madjid Tavana (La Salle University, USA) and Kartikeya Puranam (La Salle University, USA)
Catalogues the existing platforms and technologies, it explores new trends within the field of big data analytics (BDA). Containing new and existing research materials and insights on the various approaches to BDA; this publication is intended for researchers, IT professionals, and CIOs interested in the best ways to implement BDA applications and technologies.

Titles Representing IGI Global’s Latest Expansion
Modern technology has revolutionized the way in which humans interact and conduct their daily lives. As technology continues to evolve, continual research is necessary in order to document current innovations and inspire future developments.

In keeping up with the pace of technological innovation, IGI Global focuses its Computer Science and Information Technology subject area around the latest developments in IT advancement and research including interdisciplinary topics in artificial intelligence, computer engineering, software and systems development, web technologies, network architecture, and IT policy and standardization. Academics, graduate students, and IT professionals in various industries will find publications within IGI Global’s Computer Science and Information Technology collection essential in furthering their research and understanding of topics in this dynamic field.
IGI Global’s Publishing Focus for Computer Science & IT

**Current**
- 15% Computer Science and IT
- 85% Other Subjects

**2015**
- 8% Computer Science and IT
- 92% Other Subjects

**2016 (Projection)**
- 7% Computer Science and IT
- 93% Other Subjects

**Explanation:**

The recent decrease in the **Computer Science and Information Technology** subject area is largely due to IGI Global’s recent content expansion which includes topics in all areas of academic research as opposed to IT-focused publications exclusively.

An increased focus on industry-specific applications will encourage IT-focused publications in IGI Global’s other subject collections including engineering, medicine, healthcare, and life sciences, media and communications, security and forensics, and environmental science and technologies.
Computer Science and IT

Current Topic Breakdowns

Artificial Intelligence and Machine Learning
- Decision Support Systems
- Artificial Intelligence
- Cognitive Informatics

40%

Computer, Systems, and Software Engineering
- Computer Engineering
- Systems & Software Engineering

21%

IT Theory, Policy, and Standardization
- IT Research and Theory
- IT Policy and Standardization
- Theoretical Computer Science

12%

Web Technologies
- Web Technologies & Network Architecture

20%

High Performance and Distributed Computing
- High Performance Computing
- Network Architecture

7%

Reference Books
Journals
Teaching Cases
Premier Databases
Artificial Intelligence and Machine Learning represent the majority of titles within Computer Science and Information Technology subject. It is anticipated that this trend will continue into the 2015 copyright year due to the breadth of research topics and advancements in this field.
The greatest shift that can be seen between IGI Global's current publications and what is projected into the 2015 copyright year can be seen in the topic area of High Performance and Distributed Computing. The increase in titles within this area can largely be attributed to current trends in cloud computing which is prompting the need for additional publications in this field.
Cloud Technology: Concepts, Methodologies, Tools, and Applications (4 Vols.)

Investigates the latest research in the ubiquitous Web, exploring the use of applications and software that make use of the Internet’s anytime, anywhere availability. By bringing together research and ideas from across the globe, this publication will be of use to computer engineers, software developers, and end users in business, education, medicine, and more.

Handbook of Research on Architectural Trends in Service-Driven Computing (2 Vols.)

Raja Ramanathan (Independent Researcher, USA) and Kirtila Raja (IBM, USA)

Explores, delineates, and discusses recent advances in architectural methodologies and development techniques in service-driven computing. This comprehensive publication is an inclusive reference source for organizations, researchers, students, enterprise and integration architects, practitioners, software developers, and software engineering professionals engaged in the research, development, and integration of the next generation of computing.

Handbook of Research on Embedded Systems Design

Alessandra Bagnato (Softeam R&D, France), Leandro Soares Indrusiak (University of York, UK), Imran Rafiq Quadri (Softeam R&D, France) and Matteo Rossi (Politecnico di Milano, Italy)

Provides insights from the computer science community on integrated systems research projects taking place in the European region. This premier reference work takes a look at the diverse range of design principles covered by these projects, from specification at high abstraction levels using standards such as UML and related profiles to intermediate design phases.

Human Factors in Software Development and Design

Saqib Saeed (University of Dammam, Saudi Arabia), Imran Sarwar Bajwa (The Islamia University of Bahawalpur, Pakistan) and Zaigham Mahmood (University of Derby, UK & North West University, South Africa)

Brings together high quality research on the influence and impact of ordinary people on the software industry. With the goal of improving the quality and usability of computer technologies, this premier reference is intended for students and practitioners of software engineering as well as researchers, educators, and interested laymen.
Education is at the forefront of international discussion as various regions strive to uncover the best methods and tools for teaching the next generation of global leaders. Staying abreast of the latest trends and methodologies in pedagogical practice and theory, as well as educational administration and leadership can assist teachers, administrators, and policy makers in improving the learning experience of students of all ages.

IGI Global's Education subject area provides titles encompassing all facets of education from curriculum design and development to various business models and promotional tools within the education sector. Additional topics of interests include learning theory, K-12 education, educational technologies, adult and lifelong learning, special education, educational administration and policy, and higher education. Titles in IGI Global's Education subject area are designed for academics and educational leaders in search of information on the current and future state of education and the tools enabling successful learning outcomes.
### Education Subject Overview

#### IGI Global’s Publishing Focus for Education

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<tr>
<th>Year</th>
<th>Education</th>
<th>Other Subjects</th>
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<tbody>
<tr>
<td>Current</td>
<td>14%</td>
<td>86%</td>
</tr>
<tr>
<td>2015</td>
<td>21%</td>
<td>79%</td>
</tr>
<tr>
<td>2016 (Projection)</td>
<td>18%</td>
<td>82%</td>
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#### Explanation:

The **Education** subject area is one of IGI Global’s largest subject areas, representing 14% of all IGI Global titles. Into the late 2014 and 2015 copyright years, it is expected that the portion of IGI Global titles in the area of Education will increase to about 21% as IGI Global expands its coverage in this area to topics pertaining to all elements of education including learning theory, curriculum design, educational administration, and educational marketing.

Moving forward into 2016, it is anticipated that the subject area will decrease to about 18% as IGI Global shifts to an increased focus on publications in engineering, medicine, and business while still maintaining a diverse title list within the **Education** collection.
While IGI Global’s current Education subject area is comprised primarily of titles on topics relating to educational technologies (70%), a significant drop in the portion of these titles can be seen as the 2014 copyright year comes to a close and we move into the 2015 copyright year.
Another notable shift is the increase in titles on topics in Higher Education & Adult Learning which previously represented only 11% of the titles within the Education subject area. Projections for late 2014 and early 2015 show that this percentage will more than double to 32%.
**Explanation:**

Significant changes can also be seen in the K-12 and Special Education topic area (from 3% to 11%), Curriculum Development and Instructional Design (from 9% to 18%), as well as Educational Administration, Leadership, and Marketing (from 2% to 6%).

Moving into 2016 and beyond, IGI Global intends to focus its acquisitions efforts on increasing the number of titles in Educational Administration, Leadership, and Marketing in particular due to an increased demand in these areas.
Investigates the latest advances in online and mobile learning, as well as pedagogies and ontologies influenced by current developments in information and communication technologies, enabling teachers, students, and administrators to make the most of their educational experience. This multivolume work presents all stakeholders in K-12 education with the tools necessary to facilitate the next generation of student-teacher interaction.

Handbook of Research on Teaching Methods in Language Translation and Interpretation

Ying Cui (Shandong University, Weihai, China) and Wei Zhao (Shandong University, Weihai, China)

Presents an interdisciplinary approach to educational contexts across cultures for the study of verbal and written linguistics in order to broaden students' communicative and problem solving abilities. This book is an essential reference source for academicians, researchers, professionals, and students in the fields of education and linguistics, interested in the assessment and evaluation of pedagogical research to enhance learning methodologies and practices.

Professional Development Schools and Transformative Partnerships

Drew Polly (UNC Charlotte, USA), et al.

Provides a comprehensive look at the design, implementation, and impact of educational initiatives between schools and universities. Including cases and research on existing collaborations, this publication addresses barriers and trends in order to provide direction for successful partnerships in the future. This book is an essential reference source for educational leaders in colleges, schools, and departments of education, as well as leaders of PK-12 schools.

Critical Examinations of Distance Education Transformation across Disciplines

Abigail Scheg (Elizabeth City State University, USA)

Provides an interdisciplinary look at the development of distance learning in higher education. This reference work bridges the gap between disciplines by offering practical tools and solutions for successful distance education implementation. Educators, administrators, and researchers across academia will find this publication a timely and relevant resource.
The field of engineering has existed for as long as civilization as ancient human beings created the first fundamental tools to aid in their survival. Today, the field of engineering presents diverse research which is constantly evolving to fit the needs of modern civilization.

IGI Global's Engineering subject area features the latest developments, tools, and applications in a broad range of engineering disciplines including mechanical, environmental, chemical, industrial, electrical, and civil engineering. Researchers, students, business managers, and engineers will find the comprehensive and diverse titles in this collection particularly relevant in furthering their knowledge in the field.
IGI Global’s Publishing Focus for Engineering

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<th>Year</th>
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<th>2015</th>
<th>2016 (Projection)</th>
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<tbody>
<tr>
<td></td>
<td>98%</td>
<td>91%</td>
<td>88%</td>
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<tr>
<td>Other Subjects</td>
<td>3%</td>
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**Explanation:**

IGI Global’s Engineering subject area currently represents 3% of all titles. As IGI Global begins to focus its attention in this area, it is anticipated that by the end of the 2015 copyright year, the Engineering subject area will grow to represent 9% of all titles published. Looking into 2016 and beyond, this subject area is expected to expand even further to represent 12% of all IGI Global titles.
Current Topic Breakdowns

- Aerospace and Aviation Engineering: 7%
- Chemical Engineering and Materials Science: 17%
- Environmental Engineering and Civil Engineering: 13%
- Engineering Education and Ethics: 23%
- Electrical Engineering: 15%
- Mechanical Engineering and Industrial Engineering: 25%

Reference Books
Journals
Teaching Cases
Premier Databases
Explanation:

IGI Global’s increased focus in topics within the field of Engineering will help grow the subject area as a whole rather than shifting the percentage of titles within a particular Engineering discipline. As such, the percentage of titles within particular engineering topics remains fairly consistent with the exception of an increased focus in Environmental and Civil Engineering which is expected to grow from 13% to 23% due to recent research trends in this field.
Nanotechnology: Concepts, Methodologies, Tools, and Applications (3 Vols)

Information Resources Management Association (USA)

Describes some of the latest advances in microscopic technologies in fields as diverse as biochemistry, materials science, medicine, and electronics. Through its investigation of theories, applications, and new developments in the nanotechnology field, this impressive reference source will serve as a valuable tool for researchers, engineers, academics, and students alike.

Handbook of Research on Advanced Intelligent Control Engineering and Automation

Ahmad Taher Azar (Benha University, Egypt) and Sundarapandian Vaidyanathan (Vel Tech University, India)

Presents the latest research into intelligent control technologies with the goal of advancing knowledge and applications in various domains. This text will serve as a reference book for scientists, engineers, and researchers, as it features many applications of new computational and mathematical tools for solving complicated problems of mathematical modeling, simulation, and control.

Handbook of Research on Diverse Applications of Nanotechnology in Biomedicine, Chemistry, and Engineering

Shivani Soni (Alabama State University, USA), et al.

Examines the strengths and future potential of micro-scale technologies in a variety of industries. Highlights the benefits, shortcomings, and emerging perspectives in the application of nano-scale technologies.

Risk Analysis for Prevention of Hazardous Situations in Petroleum and Natural Gas Engineering

Davorin Matanovic (University of Zagreb, Croatia), Nediljka Gaurina-Medjimurec (University of Zagreb, Croatia) and Katarina Simon (University of Zagreb, Croatia)

Explains the potential hazards of petroleum engineering activities, emphasizing risk assessments in drilling, completion, and production, and the gathering, transportation, and storage of hydrocarbons.
Now more than ever, researchers are becoming increasingly concerned with the state of the environment and the impact human beings have on the world in which we live. In an effort to create a sustainable future, research on topics pertaining to measuring, analyzing, and preserving our global environment is essential.

IGI Global’s Environmental Science and Technologies subject area features research from both industry professionals and academicians surrounding diverse topics in environmental science as well as the tools and technologies being developed in the field. These titles feature diverse research on topics such as climate change, renewable energy, pollution, agriculture, food science, sustainability, and geospatial technologies, and are ideal for students, environmental scientists, researchers, engineers, and policymakers seeking timely and informative research in the field.
**Subject Overview**

### IGI Global’s Publishing Focus for Environmental Science and Technologies

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<th>Year</th>
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<tbody>
<tr>
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<td>97%</td>
<td>94%</td>
</tr>
<tr>
<td>Other Subjects</td>
<td>2%</td>
<td>3%</td>
<td>6%</td>
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**Explanation:**

The Environmental Science and Technologies subject area currently represents 2% of IGI Global’s collection. Moving into the 2015 copyright year, this subject area will grow slightly to represent 3% of all IGI Global titles. It is anticipated that in the 2016 copyright year and beyond, there will be an increase in the number of titles IGI Global will acquire in this area due to an increased focus on topics within the field by members of the academic community.
Environmental Science and Technologies

Current Topic Breakdowns

- Agriculture and Food Science: 18%
- Environmental Science and Technologies: 71%
- Geographic Information Systems: 11%
- Earth Science: 0%
Projected (2015) Topic Breakdowns

- Agriculture and Food Science: 23%
- Environmental Science and Technologies: 54%
- Geographic Information Systems: 22%
- Earth Science: 1%

Reference Books
Journals
Teaching Cases
Premier Databases
IGI Global's content expansion will impact the Environmental Science and Technologies subject area through an increased focus on topics in agriculture and food science as well as general earth and environmental science. As opposed to focusing exclusively on the integration of technology in these areas, IGI Global will begin to focus its efforts on acquiring content in all areas of academic research within these fields.
Titles Representing IGI Global’s Latest Expansion

Sustainable Practices: Concepts, Methodologies, Tools, and Applications (3 Vols.)
Information Resources Management Association (USA)
Explores some of the most recent developments in sustainability, delving into topics beyond environmental science to cover issues of sustainable economic, political, and social development. Researchers, academicians, and policy makers will use this multi-volume reference to better make use of the resources at their disposal in order to preserve quality of life for future generations.

Shin’ya Obara (Kitami Institute of Technology, Japan)
Investigates the development of highly efficient energy storage equipment and of operation optimization technology of compound energy systems. This book is an essential reference source for technical consultants, urban environment engineers, and energy researchers interested in the development of efficient energy systems and operation optimization technology.

Marine Technology and Sustainable Development: Green Innovations
Oladokun Sulaiman Olanrewaju (University Malaysia Terengganu, Malaysia), et al.
Examines theoretical frameworks and empirical research in the maritime industry, evaluating new technologies, methodologies, and practices against a backdrop of sustainability.

Soft Computing Applications for Renewable Energy and Energy Efficiency
Maria del Socorro García Cascales (Technical University of Cartagena, University of Granada, Spain), et al.
Brings together the latest technological research in computational intelligence and fuzzy logic as a way to care for our environment. This reference work highlights current advances and future trends in environmental sustainability using the principles of soft computing, making it an essential resource for students, researchers, engineers, and practitioners in the fields of project engineering and energy science.
With the digital revolution, the field of library and information science is seeing a tremendous shift as information goes digital and new platforms for sharing data are developed. Considering this transformation, librarians and information specialists are constantly seeking the most up-to-date research in the field.

Titles within IGI Global's Library and Information Science subject area feature the latest research on diverse topics relating to knowledge and information management, data science, library science, and research methods. Featuring titles illustrating the latest developments in the field, this collection will be of interest to librarians, archivists, information professionals, and academicians.
Explanation:

Currently, 11% of IGI Global’s titles fall within the **Library and Information Science** subject area. As the 2014 copyright year comes to a close and we move into the 2015 copyright year, it is anticipated that approximately 10% of IGI Global’s collection will be represented within the **Library and Information Science** subject area. Looking forward to 2016, IGI Global anticipates that approximately 9% of its collection will fall into the **Library and Information Science** subject area as IGI Global begins to focus its efforts in underrepresented areas of research among the current collection including topics in engineering, medicine, and business.
Current Topic Breakdowns

Data Mining, Management, and Statistics: 36%
- Data Analysis and Statistics
- Data Mining and Databases
- Information Retrieval

Knowledge Transfer, Management, and Acquisition: 53%
- Information Resources Management
- Knowledge Management
- Research Methods

Library Science and Administration: 11%
- Library Administration
- Library Science

Reference Books
Journals
Teaching Cases
Premier Databases
Projected (2015) Topic Breakdowns

- **Data Mining, Management, and Statistics**: 23%
  - Data Analysis and Statistics
  - Data Mining and Databases
  - Information Retrieval

- **Knowledge Transfer, Management, and Acquisition**: 51%
  - Information Resources Management
  - Knowledge Management
  - Research Methods

- **Library Science and Administration**: 26%
  - Library Administration
  - Library Science

Reference Books
Journals
Teaching Cases
Premier Databases
IGI Global's content expansion will impact the **Library and Information Science** subject area through the addition of topics on library administration, as well as librarian professional development as opposed to topics strictly focusing on the integration of technology into modern libraries. It is anticipated that this shift will help to grow IGI Global’s collection relating to topics in **Library Science and Administration** while a strong portion of the subject area will still be devoted to topics in data mining, management, and statistics, as well as knowledge transfer, management, and acquisition.
Titles Representing IGI Global’s Latest Expansion

**Handbook of Research on Enhancing Qualitative and Mixed Methods Research with Technology**
Shalin Hai-Jew (Kansas State University, USA)

Explores the integration of new digital tools into the research process. Including current information on data visualization, research design, information capture, as well as social media analysis, this publication serves as an ideal reference source for academicians, scientists, information specialists, business managers, and upper-level students involved in interdisciplinary research.

**Handbook of Research on Cloud Infrastructures for Big Data Analytics**
Pethuru Raj (IBM India Pvt Ltd, India) and Ganesh Chandra Deka (Ministry of Labour and Employment, India)

Focuses exclusively on the topic of cloud-sponsored big data analytics for creating flexible and futuristic organizations. This book helps researchers and practitioners, as well as business entrepreneurs, to make informed decisions and consider appropriate action to simplify and streamline the arduous journey towards smarter enterprises.

**Inventive Approaches for Technology Integration and Information Resources Management**
Mehdi Khosrow-Pour (Information Resources Management Association, USA)

Provides an overview and analysis of knowledge management in sustainability, emergency preparedness, and IT, among other fields integral to the modern technological era.

**Library and Information Science Research in Asia-Oceania: Theory and Practice**
Jia Tina Du (University of South Australia, Australia), Qinghua Zhu (Nanjing University, China) and Andy Koronios (University of South Australia, Australia)

Presents evolving and emerging research and development in the field of library and information science (LIS) in diverse countries in Asia-Oceania as the region continues to develop. This book is intended as a useful resource for LIS researchers, scholars, students, professionals, and practitioners, and is an appropriate text for courses in LIS.
New research in the fields of media and communications is constantly emerging as traditional print media goes digital and mobile devices become an increasingly important part of our everyday lives. In an age where we can connect to anybody in the world with the touch of a button, research into the tools and trends fueling the ubiquity of communication and digital media is essential.

IGI Global's Media and Communications subject area seeks to present the latest research in all areas of communication theory, mobile computing, social networking, linguistics, multimedia technology, and telecommunications. Featuring innovative research on diverse topics, this collection is ideally designed for academicians, linguists, theorists, journalists, IT professionals, and students interested in furthering their knowledge in this field.
IGI Global’s Publishing Focus for Media and Communications

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<th>Other Subjects</th>
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<tbody>
<tr>
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<td>88%</td>
</tr>
<tr>
<td>2015</td>
<td>9%</td>
<td>91%</td>
</tr>
<tr>
<td>2016 (Projection)</td>
<td>10%</td>
<td>90%</td>
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**Explanation:**

Approximately 12% of IGI Global’s current titles fall within the Media and Communications subject area. In the 2014 and 2015 copyright years, this percentage is anticipated to drop to 9% whereas it will increase slightly to 10% in 2016. It is anticipated that through IGI Global’s content expansion, that the percentage of titles within this subject area will remain consistent.
Media and Communications

Projected (2015) Topic Breakdowns

Communications Theory and Linguistics
- Communications Theory
- Digital Communications

15%

Digital Media, Multimedia, and Mass Communications
- Digital Media
- Mass Communications
- Multimedia Technologies

32%

Networking, Telecommunications, and Mobile Computing
- Networking and Telecommunications
- Mobile and Wireless Computing

32%

Social Networking and Online Communities
- Social Computing

21%
Communications Theory and Linguistics

Explanation:

While IGI Global's content expansion will not greatly impact the overall portion of titles within the Media and Communications subject area, there is some variation in the topics featured within this subject area. With the addition of topics in Communications Theory and Linguistics, IGI Global anticipates that the focus will shift in this direction as we strive to build our collection. As such, this topic is anticipated to grow to represent about 15% of IGI Global's titles within the Media and Communications subject area.
Digital Arts and Entertainment: Concepts, Methodologies, Tools, and Applications (3 Vols.)
Information Resources Management Association (USA)
Examines the latest research and findings in electronic media, evaluating the staying power of this increasingly popular paradigm along with best practices for those engaged in the field. With chapters on topics ranging from an introduction to online entertainment to the latest advances in digital media, this impressive three-volume reference source will be important to researchers, practitioners, developers, and students of the digital arts.

Cross-Cultural Interaction: Concepts, Methodologies, Tools and Applications (3 Vols.)
Information Resources Management Association (USA)
Offers a unique opportunity in both the social sciences, humanities, and communication fields to provide concrete concepts and notions in the areas of inter-religious and inter-cultural dialogue. By exploring this empirical research of relevant experiences, this book is important for researchers, practitioners, and students in varied fields of philosophy, sociology, cultural studies, media students, law, and more.

Handbook of Research on Software-Defined and Cognitive Radio Technologies for Dynamic Spectrum Management (2 Vols.)
Naima Kaabouch (University of North Dakota, USA) and Wen-Chen Hu (University of North Dakota, USA)
Examines the emerging technologies being used to overcome radio spectrum scarcity. Provides timely and comprehensive coverage on topics pertaining to channel estimation, spectrum sensing, communication security, frequency hopping, and smart antennas.

Handbook of Research on the Impact of Culture and Society on the Entertainment Industry
R. Gulay Ozturk (Istanbul Commerce University, Turkey)
Provides a review of the academic and popular literature on the relationship between communications and media studies, cinema, advertising, public relations, religion, food tourism, art, sports, technology, culture, marketing, and entertainment practices. Founded on international research, this publication is essential for upper-level students, researchers, academicians, business executives, and industry professionals seeking knowledge on the current scope of the entertainment industry.
New developments in the field of medicine have allowed for revolutionary breakthroughs which will change the way in which medical professionals diagnose and treat various conditions. Due to the dynamic nature of the field, continual research publications are needed to assist in sharing recent medical developments and best practices internationally.

IGI Global’s Medicine, Healthcare, and Life Sciences subject area presents publications on the latest developments in the fields such as medicine, chemistry, biology, and pharmacology. Titles within this subject area seek to uncover the latest trends in the field and are especially appropriate for reference by academicians, medical practitioners, professionals working in healthcare administration, and students.
### IGI Global’s Publishing Focus for Medicine, Healthcare, and Life Sciences

<table>
<thead>
<tr>
<th>Year</th>
<th>Medicine, Healthcare, and Life Sciences</th>
<th>Other Subjects</th>
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<tbody>
<tr>
<td>Current</td>
<td>6%</td>
<td>94%</td>
</tr>
<tr>
<td>2015</td>
<td>9%</td>
<td>91%</td>
</tr>
<tr>
<td>2016 (Projection)</td>
<td>12%</td>
<td>88%</td>
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### Explanation:

Currently, the **Medicine, Healthcare, and Life Sciences** subject area represents 6% of IGI Global’s titles. With IGI Global’s increased focus in this area, this subject is expected to grow to 9% in the late 2014 copyright year and into the 2015 copyright year. Looking forward into the 2016 copyright year and beyond, it is anticipated that this trend will continue and bring the **Medicine, Healthcare, and Life Sciences** subject area to represent 12% of IGI Global’s collection.
Current Topic Breakdowns

- **Life Sciences**: 0%
  - Biology
  - Chemistry

- **Healthcare and Life Sciences**: 1%
  - Emergency Medicine
  - Clinical Sciences
  - Nutrition and Food Science
  - Pharmacology
  - Biology
  - Chemistry

- **Health Administration, Education, and Ethics**: 2%
  - Healthcare Administration
  - Medical Education
  - Medical Ethics

- **Medical Technologies and Health Information Systems**: 97%
  - Medical Technologies
  - Health Information Systems
  - Bioinformatics
  - Medical Engineering

Reference Books | Journals | Premier Databases | Teaching Cases
Projected (2015) Topic Breakdowns

**Life Sciences**
- Biology
- Chemistry

2%

**Healthcare**
- Emergency Medicine
- Clinical Sciences
- Nutrition and Food Science
- Pharmacology

4%

**Health Administration, Education, and Ethics**
- Healthcare Administration
- Medical Education
- Medical Ethics

25%

**Medical Technologies and Health Information Systems**
- Medical Technologies
- Health Information Systems
- Bioinformatics
- Medical Engineering

69%
The Medicine, Healthcare, and Life Sciences collection has been impacted by IGI Global’s recent content expansion through the addition of topics such as medical administration, medical education, ethics, biology, and chemistry. While an overwhelming majority of IGI Global’s titles in this area are currently focused on the integration of technology into healthcare and medical practice (97%), IGI Global’s recent content expansion will allow for a decrease in the percentage of titles relating to Medical Technologies and Health Information Systems (69%) and a significant increase in titles relating to Health Administration, Education, and Ethics (25%) in the 2015 copyright year.
Titles Representing IGI Global’s Latest Expansion

**Labor and Health Economics in the Mediterranean Region: Migration and Mobility of Medical Doctors**
Ahmed Driouchi (Al Akhawayn University, Morocco)
Addresses the mobility of physicians in the Mediterranean region within a global context, focusing on the role mobility has played in the global health system in both developed and developing economies. Besides universities and researchers, public and private medical practitioners and agencies can make use of this book to further their knowledge of the changing healthcare industry.

**Healthcare Administration: Concepts, Methodologies, Tools, and Applications (3 Vols.)**
Information Resources Management Association (USA)
Brings together recent research and case studies in the medical field to explore topics such as hospital management, delivery of patient care, and telemedicine, among others. With a focus on some of the most groundbreaking new developments as well as future trends and critical concerns, this three-volume reference source will be a significant tool for medical practitioners, hospital managers, IT administrators, and others actively engaged in the healthcare field.

**Handbook of Research on Computerized Occlusal Analysis Technology Applications in Dental Medicine**
Robert Kerstein (Tufts University School of Dental Medicine, USA & Private Dental Practice Limited to Prosthodontics and Computerized Occlusal Analysis, USA)
Explores the use of digital tools in dentistry, including their evolution as well as evidence-based research on the benefits of technological tools versus non-digital occlusal indicators. Comprised of current research on clinical applications and technologies.

**Handbook of Research on Adult and Community Health Education: Tools, Trends, and Methodologies**
Victor C. X. Wang (Florida Atlantic University, USA)
Presents educational and social science perspectives on the state of the healthcare industry and the information technologies surrounding it. It presents a collection of the latest research on methods, programs, and procedures practiced by health literate societies.
Without a governing body, modern society would suffer substantial chaos due to a lack of law and order. Promoting research in the fields of public policy, government, and law can assist in creating a global understanding of the practices and models being implemented around the world and also in improving the current state of affairs.

IGI Global's Public Policy and Administration subject area features diverse titles on the tools, trends, and current state of public policy around the world. Featuring research focusing on topics in crisis and disaster management, government, law, and public sector management, government officials, law professionals, academicians, and students will find this collection relevant to their research needs.
IGI Global’s Publishing Focus for Public Policy and Administration

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<th>Year</th>
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<tr>
<td>2015</td>
<td>4%</td>
<td>96%</td>
</tr>
<tr>
<td>2016 (Projection)</td>
<td>6%</td>
<td>94%</td>
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**Explanation:**

IGI Global’s Public Policy and Administration subject area currently represents 3% of all IGI Global titles. Moving forward, it is anticipated that the percentage of title in this area will remain fairly consistent, growing to 4% in the late 2014 copyright year and into the 2015 copyright year. Looking at 2016 and forward, a slight increase to 6% is anticipated as IGI Global introduces topics relating to theory and practice in the fields of law, government, and public policy as opposed to topics exclusively focused on the integration of technology in these areas.
Current Topic Breakdowns

- Crisis Response and Management: 3%
- Government and Law: 96%
- Public and Sector Management: 1%

Electronic Government
Government and Law
Public Policy and Administration

Projected (2015) Topic Breakdowns

- Crisis Response and Management: 13%
- Government and Law: 81%
- Public and Sector Management: 6%

Electronic Government
Government and Law
IGI Global’s existing Public Policy and Administration subject area includes an overwhelming majority of titles on topics pertaining to electronic government and digital democracy. With IGI Global’s recent content expansion to focus on all areas of academic research, this subject area will see an addition of titles in the areas of Crisis Response and Management and Public and Sector Management.
Handbook of Research on Democratic Strategies and Citizen-Centered E-Government Services

Čemal Dolićanin (State University of Novi Pazar, Serbia), et al.

Investigates the impact of diverse cultures on the development and actualization of global economic entities, exploring advanced methods and best practices for the effective utilization and management of financial organizations within a globalized political context. This essential reference provides readers in both political and economic fields with insights into the challenges and opportunities posed by the political economy.

Handbook of Research on Advanced ICT Integration for Governance and Policy Modeling

Peter Sonntagbauer (Cellent AG, Austria), et al.

Builds on the available literature, research, and recent advances in e-governance to explore advanced methods and applications of digital tools in government. This collection of the latest research in the field presents an essential reference for academics, researchers, and advanced-level students, as well as government leaders, policy makers, and experts in international relations.

Evidence Discovery and Assessment in Social Work Practice

Margaret Pack (Australian Catholic University, Australia) and Justin Cargill (Victoria University of Wellington, New Zealand)

Provides practitioners with the tools necessary to locate, analyze, and apply the latest empirical research findings in the field to their individual practice. This premier reference work provides insights and support to professionals and researchers working in the fields of social work, counseling, psychotherapy, case management, and psychology.

Revolutionizing the Interaction between State and Citizens through Digital Communications

Sam B. Edwards III (Green Mountain College, USA) and Diogo Santos (Federal University of Maranhão, Brazil & Dom Bosco University, Brazil)

Evaluates the relationship between governments and their constituents, and how this relationship is impacted by emerging technologies. Discussing both developed and underdeveloped nations, this book provides a comparison for the ongoing shift in societies, serving as a critical reference for legal professionals, activists, government employees, academics, and students.
As criminals uncover new opportunities in the digital age, security professionals must adapt their practices of protecting information and individuals from threats such as identity theft, computer viruses, terrorism, and other attacks. In an effort to stay ahead of those who threaten our security, continual research is necessary to develop new tools and effective methods of protection.

IGI Global’s Security and Forensics subject area features publications relating to topics in criminal science, forensics, IT security, cyber warfare, terrorism, and surveillance. Featuring innovative research on diverse topics, this collection is ideally designed for academicians, students, security professionals, and lawmakers interested in learning more about the latest threats to security at both the personal and national level as well as ways to protect against future attacks.
IGI Global’s Publishing Focus for Security and Forensics

Current
4%

Other Subjects
96%

2015
6%

Other Subjects
94%

2016 (Projection)
7%

Other Subjects
93%

Explanation:
IGI Global’s Security and Forensics subject area currently represents 4% of all titles. In the late 2014 and into the 2015 copyright years, the subject area is anticipated to grow slightly to represent 6% of all IGI Global titles. In 2016, it is projected that the subject area will represent 7% of all titles as IGI Global seeks to expand its coverage in this field.
Security and Forensics

Current Topic Breakdowns

Cyber Warfare and Cyber Terrorism: 7%
Criminal Science and Forensics: 6%
IT Security and Ethics: 85%
Surveillance Systems: 2%

IT Security and Ethics & Cyber and Network Security
The Security and Forensics subject area is dominated mostly by titles in the area of IT Security and Ethics which currently represents 85% of the subject area. Moving into the end of the 2014 copyright year, it is anticipated that due to an increase in titles in Criminal Science and Forensics, that the number of IGI Global titles in this area will decrease slightly to represent 78% of the collection. While the Security and Forensics subject area will not be greatly impacted by IGI Global’s content expansion, IGI Global does intend to seek titles in areas relating to criminal science, forensics, and terrorism as part of our new publishing initiatives.
Handbook of Research on Securing Cloud-Based Databases with Biometric Applications

Ganesh Chandra Deka (Ministry of Labour and Employment, India) and Sambit Bakshi (National Institute of Technology Rourkela, India)

Explores the latest innovations in promoting cloud security through human authentication techniques. Exploring methods of access by identification, including the analysis of facial features, fingerprints, DNA, dental characteristics, and voice patterns, this publication is designed especially for IT professionals, academicians, and upper-level students seeking current research surrounding cloud security.

Handbook of Research on Digital Crime, Cyberspace Security, and Information Assurance

Maria Manuela Cruz-Cunha (Polytechnic Institute of Cavado and Ave, Portugal), et al.

Combines the most recent developments in data protection and information communication technology (ICT) law with research surrounding current criminal behaviors in the digital sphere. Bridging research and practical application, this comprehensive reference source is ideally designed for use by investigators, computer forensics practitioners, and experts in ICT law, as well as academicians in the fields of information security and criminal science.

Threat Detection and Countermeasures in Network Security

Alaa Hussein Al-Hamami (Amman Arab University, Jordan) and Ghossoon M. Waleed al-Saadoon (Applied Sciences University, Kingdom of Bahrain)

Presents the latest methodologies and trends in detecting and preventing network threats. Investigating the potential of current and emerging security technologies, this publication is an all-inclusive reference source for researchers, students, professionals, network analysts, and technology specialists interested in the simulation and application of computer network protection.

Network Topology in Command and Control: Organization, Operation, and Evolution

T. J. Grant (R-BAR, The Netherlands), R. H. P. Janssen (Netherlands Defence Academy, The Netherlands) and H. Monsuur (Netherlands Defence Academy, The Netherlands)

Aims to connect the fields of C2 and network science. Featuring timely research on topics pertaining to the C2 network evolution, security, and modeling, this publication is ideal for reference use by students, academicians, and security professionals in the fields of C2 and network science.
Society is constantly evolving, creating an interesting foundation for research into the ways in which humans are developing and interacting as part of this shift. The field of Social Science is broad, encompassing topics relating to everything from studying human behavior to issues that go beyond the individual and look at the broader scope of cultural studies.

IGI Global's Social Science subject area strives to convey the latest research in a diverse set of topics relating to human behavior and society at large. Students, theorists, and researchers studying in diverse fields such as psychology, sociology, ethics, political science, theology, and economics will find the titles within this collection pertinent to furthering their knowledge in these areas.
IGI Global’s Publishing Focus for Social Science

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<th>2016 (Projection)</th>
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</thead>
<tbody>
<tr>
<td>Social Science</td>
<td>6%</td>
<td>10%</td>
<td>13%</td>
</tr>
<tr>
<td>Other Subjects</td>
<td>94%</td>
<td>90%</td>
<td>87%</td>
</tr>
</tbody>
</table>

Explanation:

IGI Global’s content expansion will assist in growing the current percentage of titles within the Social Science subject area. Previously representing only 6% of total IGI Global titles, this subject area is anticipated to grow to 10% in the 2014 and 2015 copyright years. Expanding even further as we begin to acquire additional content in untapped areas, it is projected that 13% of all IGI Global titles will fall into the Social Sciences subject area.
Projected (2015) Topic Breakdowns

Social Science

Religious and Cultural Studies
- Sociology
- Religious Studies
- Archaeology and Anthropology
24%

Human-Computer Interaction
- Human-Computer Interaction and Human Aspects of Technology
21%

Political Science, Ethics, and Social Responsibility
- Ethics and Social Responsibility Psychology
24%

Psychology and Human Behavior
- Psychology
13%

Socio-Economic Development
- Socio-Economic Development
- Global Information Technology
18%
IGI Global’s recent content expansion will have a profound impact on the Social Sciences subject area which was previously dominated by titles relating to human-computer interaction and the impact of technology on Socio-Economical Development. Moving forward into the 2015 copyright year, a more even distribution in topics can be seen as titles in Human-Computer Interaction drop from representing 60% of the collection to 21%. Similarly, titles in Socio-Economic Development will drop to 18% from 35% as the percentage of titles focusing on other areas within the field of social science grows.
Handbook of Research on Political Activism in the Information Age
Ashu M. G. Solo (Maverick Technologies America Inc., USA)
Includes progressive research from more than 39 international experts at universities and research institutions across 15 different countries. Each of the 25 scholarly chapter contributions focus on topics pertaining to the application of information technology, engineering, and mathematics to political activism.

Exploring Implicit Cognition: Learning, Memory, and Social Cognitive Processes
Zheng Jin (Zhengzhou Normal University, China & University of California, Davis, USA)
Explores research surrounding the ways in which an individual’s unconscious is able to influence and impact that person’s behavior without their awareness. Focusing on topics pertaining to social cognition and the unconscious process, this title is ideal for use by students, researchers, psychologists, and academicians interested in the latest insights into implicit cognition.

Gender Considerations and Influence in the Digital Media and Gaming Industry
Julie Prescott (University of Bolton, UK) and Julie Elizabeth McGurren (Codemasters, UK)
Provides a collection of high-quality empirical studies and personal experiences of women working in male-dominated fields with a particular focus on the media and gaming industries. Providing insight on best methods for attracting and retaining women in these fields, this volume is a valuable reference for executives and members of professional bodies who wish to encourage women in their career progression.

Chaos and Complexity Theory in World Politics
Şefika Şule Erçetin (Hacettepe University, Turkey) and Santo Banerjee (University Putra Malaysia, Malaysia)
Aims to bring attention to new developments in global politics within the last few years. Demonstrating various issues in international relations and the application of chaos theory within this field, this publication serves as an essential reference for researchers and professionals, as well as useful educational material for academicians and students.
Why Research-Based Content is Valuable for Industry Practitioners and Professionals

For more than 25 years, IGI Global’s scholarly content has been widely used by academicians and independent researchers. Now, an increasing number of industry practitioners and professionals are benefitting from the expert research results found within IGI Global book and journal publications. This cutting-edge content allows industry practitioners and professionals to stay up-to-date on the latest developments and new opportunities in their respective fields, as well as the ability to find potential solutions to everyday challenges in their day-to-day operations. Below are 10 reasons why research-based content is progressively becoming an invaluable resource in aiding corporate education, research and development (R&D), professional development, as well as business process improvement.
Reason One: Well-Rounded Viewpoints from Experienced Researchers

With the close of the 2014 copyright year, IGI Global projects the continuous integration of new titles focusing on more practical research, apart from a strict information systems and technology focus. IGI Global is delighted to be pursuing this new direction of content acquisition, and is excited for the opportunities this transition will present as the collection grows to include even more timely and advanced reference works in all areas of academic research.
Reason Two:
Accuracy of Information

Scholarly content undergoes a lengthy peer-review process which ensures that the research results are accurate, up-to-date, and presented appropriately. Accuracy of information is crucial when under certain pressures of day-to-day operations.
Reason Three: Short-Term Decision Making and Long-Term Planning

Scholarly content contains applied research results which highlight the various opportunities, challenges, and potential solutions that can aid in short-term decision making and long-term strategic planning. For instance, real-life business case studies offer an in-depth look at modern organizations facing real-life challenges, and show the various steps taken to succeed in an uncertain economy.
Reason Four: Stay Up-to-Date on the Latest Developments

Industry professionals can stay up-to-date on the latest developments in their respective fields, providing new perspectives that they may not have thought of before. Allowing them to stay relevant and competitive!
Reason Five:
Explore New Ways to Utilize Current Processes and Tools

Application-specific research can assist professionals and practitioners in uncovering new ways to use the tools and technologies they are already working with, or assist them in transitioning into different industries.
Reason Six:
History Shows...

History clearly shows that time after time, research published by academics can lead to magnificent discoveries which could revolutionize the entire industry. A perfect example is the discovery of the relational database industry, which was first presented as a research paper by two Italian researchers at a conference in Italy. This eventually led to the discovery of relational database structures and systems that allow vast use of database applications in every facet of life.
Reason Seven: Time Sensitive

Academic research is diverse and available expeditiously, affording the opportunity to build a solid foundation for innovation.
Reason Eight:
Provides Real Value

Though not all academic research content is useful in practice, even if a small percentage as low as 1-2% can lend itself to new innovations and discoveries, then it’s worth the time and investment!
Reason Nine:
Fuels Innovation and Discovery

Published research results by academic researchers fuels the engines of innovation and discovery for the global economy and industry. Some of the findings prove valuable, and some are deemed useless. However, without this ongoing research, the engines of innovation and discovery would eventually run out of fuel and cease to exist.
Reason Ten:
Offers Theoretical Foundations

Academic research provides a theoretical foundation upon which to build a new business or even grow a struggling economy. By examining successful case studies and uncovering the tools necessary for improvement, policy makers, government officials, and entrepreneurs can apply theory to practice. Academic research can be the catalyst that ultimately shapes and forms new policies, procedures, and regulations that make an industry better, safer, and more efficient.
With the close of the 2014 copyright year, IGI Global projects the continuous integration of new titles focusing on more practical research, apart from a strict information systems and technology focus. IGI Global is delighted to be pursuing this new direction of content acquisition, and is excited for the opportunities this transition will present as the collection grows to include even more timely and advanced reference works in all areas of academic research.
For more information regarding IGI Global’s books, journals, and e-resources, please contact marketing@igi-global.com.

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