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# International Journal Of Technology Management

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2011 Edition

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**GEORGE HANNAH**

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**Technology Journey  
through Analysis,  
Forecasting and  
Decision Making**

Springer Science &  
Business Media

"This business guide  
presents theoretical  
and empirical research  
on the business value  
of information  
technology (IT) and  
introduces strategic  
opportunities for using  
IT management to  
increase organizational  
performance.  
Implementation  
management is  
addressed with  
attention to customer  
relationship

outsourcing, decision  
support systems, and  
information systems  
strategic planning.  
Domestic,  
international, and  
multinational business  
contexts are covered."  
Global Perspective of  
Information  
Technology  
Management IGI Global  
As advancements in  
technology continue to  
influence all facets of  
society, its aspects  
have been utilized in  
order to find solutions  
to emerging ecological  
issues. Creating a  
Sustainable Ecology  
Using Technology-  
Driven Solutions  
highlights matters that  
relate to technology  
driven solutions  
towards the

combination of social ecology and sustainable development. This publication addresses the issues of development in advancing and transitioning economies through creating new ideas and solutions; making it useful for researchers, practitioners, and policy makers in the socioeconomic sectors.

**Issues in Industrial Relations and Management: 2011 Edition**

Springer  
Success in an increasingly competitive market depends on the quality of knowledge which organisations apply to their major business processes. For example, a supply chain depends on knowledge of diverse areas, including raw

materials, planning, manufacturing, and distribution. Likewise, product development requires knowledge of consumer requirements, new science, new technology, and marketing. Knowledge is broadly defined as credible information that is of potential value to an organisation.

Knowledge management (KM) is a function of generation and dissemination of information, developing a shared understanding of information, filtering shared understandings into degrees of potential value, and storing valuable knowledge within the confines of an accessible organisational mechanism.

**Corporate  
Governance,  
Organization and  
the Firm**

IGI Global  
Diverse kinds of knowledge are vital for each organization that would successfully compete today in an international scenario. The emergent relevance of knowledge and its management in an even more complex environment opens up the possibility to analyze, investigate and deepen our understanding on different aspects related to several functional areas in business management. Nowadays, firms that create new knowledge and apply it effectively and efficiently will be successful at creating competitive advantages. The choices of the firms in

selecting and applying different knowledge process (such as knowledge sourcing, transferring and exploiting) as well as knowledge tools may be crucial. Thus, the role of knowledge as the key source of potential advantage for organizations and indeed whole economies is still a hot debate in the international landscape. This book develops insights for the management of knowledge in cross-functional business areas to originate an innovative approach to the classical Knowledge Management (KM) field. This book provides a fresh perspective on different knowledge related topics in an international

landscape, highlighting the key role of knowledge and its management in business activities. Overall, the primary aim of this book is to extend our understandings on how KM can be helpful in several cross-functional management areas, such as strategic management, finance, HRM and innovation as well as in different business circumstances such as M&A, internationalization processes and risk management. Project Leadership and Team Building in Global Project Management IGI Publishing Issues in Industrial Relations and Management: 2011 Edition is a

ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Industrial Relations and Management. The editors have built Issues in Industrial Relations and Management: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Industrial Relations and Management in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Industrial Relations and Management: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research

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Selected Papers from the 16th International Conference on Management of Technology  
Notion Press

Digital platforms are changing the rules of competition in the global economy. Until recently, it took Fortune 500 companies an average of 20 years to reach billion-dollar

market valuations. Successful platforms now reach that milestone in an average of four years. In *The Platform Paradox: How Digital Businesses Succeed in an Ever-Changing Global Marketplace*, Wharton professor Mauro F. Guillén highlights a key incongruity in this new world. Most platforms considered to be successful have triumphed in only some, rather than all, parts of the world. There are very few truly global digital platforms. In more than three decades of studying multinational firms, Guillén has found they often misunderstand key aspects of what it takes to succeed globally, from culture and institutions to local

competitive dynamics and pursuing markets in a logical sequence. Seeing multibillion-dollar companies like Amazon flounder in certain markets has led Guillén to research what it takes to create a successful global strategy. In *The Platform Paradox*, Guillén details: How the COVID-19 pandemic has accelerated digitization and forced companies like Airbnb to pivot and adapt; How platforms like Tinder and Uber have used local advantages to grow rapidly in different countries; How traditional companies have transformed themselves into digital platforms, like Lego undertaking a digital revolution to emerge from bankruptcy and become the "Apple of

toys"; and *The possibilities and limits to global expansion*, as illustrated by companies like Zoom and Skype. In *The Platform Paradox*, Guillén offers an integrated framework for these platforms to identify and implement a digital platform strategy on a truly global scale.

### **The International Landscape**

Edward Elgar Publishing *The International Journal of Information Systems for Crisis Response and Management (IJISCRAM)* is an academically rigorous outlet for research into crisis response and management. It is focused on the design, development, implementation, use and evaluation of IS technologies and



methodologies to support crisis response and management. It explores issues critical to the application of IS to crisis response and management. This journal covers all aspects of the crisis management information systems discipline, from organizational issues to technology support to decision support and knowledge representation. High quality submissions are encouraged using any qualitative or quantitative research methodology, focusing on the design, development, implementation, use, and evaluation of such systems.

Strategies and Communications for Innovations Cengage Learning

In this reputable book

Professor Morroni has constructed an insightful framework of three decisive factors for organizational coordination: capabilities, transaction, scale-scope. Based on these, he has knitted a splendid tapestry of theoretical and empirical information. This collection must be a standard for the theory of the firm. Yuji Aruka, Chuo University, Japan Organisations, networks and firms are three of the most dynamic areas of economic research. This timely book synthesises these areas in order to analyse emergent phenomena such as spatial clustering, outsourcing, relational complexity and radical technological innovation. A

combination of authoritative literature reviews, novel theoretical developments and interesting case study applications makes this book essential reading for both new and established scholars in the field. Mark Casson, University of Reading, UK In recent years, applied studies have shown widespread, profound and increasing heterogeneity across firms in terms of their strategy, organization arrangement and performance. This book investigates the diversity of business firms, offering a picture of the different organizational settings they adopt in their endeavour to cope with increasing competitive pressure. The book addresses critical

theoretical issues surrounding corporate governance, organizational design and cooperative relations among firms. Moreover, it provides new evidence on the various forms of outsourcing that are playing an increasingly important role as a consequence of globalization. The contributions collected in this book stress the emergence of a trend towards a reorganization of production that can enhance the transmission, development and maintenance of knowledge in order to sustain long-run competitive advantage. Providing original and pertinent empirical evidence, this book will attract interest from scholars

and postgraduate students studying the economics and organization of the firm. It will also be of value to managers who wish to understand new developments in the organizational settings of business firms with particular reference to corporate governance, organizational design, cooperative relations, outsourcing and de-localization.

**International Journal  
of Information  
Systems for Crisis  
Response and  
Management**

Routledge

Increasingly, academic communities transcend national boundaries. 'Collaboration between researchers across space is clearly increasing, as well as being increasingly sought after,' noted the

online magazine Inside Higher Ed in a recent article about research in the social sciences and humanities. Even for those scholars who don't work directly with international colleagues, staying up-to-date and relevant requires keeping up with international currents of thought in one's field. But when one's colleagues span the globe, it's not always easy to keep track of who's who - or what kind of research they're conducting. That's where Intellect's new series comes in. A set of worldwide guides to leading academics - and their work - across the arts and humanities, Who's Who in Research features comprehensive profiles of scholars in the areas of cultural studies, film studies, media studies,

performing arts and visual arts. Who's Who in Research: Visual Arts includes concise yet detailed listings include each academic's name, institution, biography, and current research interests, as well as bibliographic information and a list of articles published in Intellect journals. The volumes in the Who's Who in Research series will be updated each year, providing the most current information on the foremost thinkers in academia and making them an invaluable resource for scholars, hiring committees, academic libraries and would-be collaborators across the arts and humanities.

**Who's Who in Research: Cultural Studies** Routledge

"This work is a

comprehensive, four-volume reference addressing major issues, trends, and areas for advancement in information management research, containing chapters investigating human factors in IT management, as well as IT governance, outsourcing, and diffusion"--Provided by publisher.

[A Handbook of Applied Technologies](#) IGI

Publishing

Engineering businesses today run through projects. Projects are successful when we have effective project leadership, which builds effective teams and teams. All these attributes increase the performance of the organization and enable it to achieve competitive advantage. Project

management is the need of today's businesses for acquiring business development and attaining business performance in local as well as in global markets as business performance is driven by competitive advantage, which is possible through successful project management. Development of new products and other competitive products and services is done through the implementation of projects. Projects are deployed for process improvements, which further add to the profitability and growth of the business. This book discusses the aspects of project management processes, project leadership, and team

building in context to project management together, which improves business performance. Concepts, Methodologies, Tools, and Applications Oxford University Press on Demand This book addresses why China is going into space and provides up-to-date information on all aspects of the Chinese Space Program in terms of launch vehicles, launch sites and infrastructure, crew vehicles for space exploration, satellite applications and scientific exploration capabilities. Beyond mere capabilities, it is important to understand how Chinese aerospace leaders think, how they make decisions, and what their ultimate

goal is during their space endeavors. What are Chinese intentions in space? To what extent does culture and ethics influence Chinese strategic decision-making within the highest levels of the aerospace industrial complex? This book examines these questions and offers four potential scenarios on where the Chinese space program is headed based on this new perspective of understanding China's space goals. This book is not only required reading for policy makers and military leaders in the US government, but also for the general population, students, and professionals interested in truly understanding the reasons behind what the Chinese are doing

in space.

### **Co-operation and Outsourcing in the Global Economy**

Partridge Publishing

Some of the most powerful tools in the hands of educators, researchers and managers are documented cases based on real-life experiences of others. This is particularly true for IT implementation and implications. Success and Pitfalls of Information Technology Management is a collection of actual, real-life cases dealing with a variety of issues in the overall utilization of IT in organizations. "INFLUENCING FACTORS AND THEIR SIGNIFICANCE" Springer The International Journal of Service Science, Management,

Engineering, and Technology (IJSSMET) is a multidisciplinary journal that publishes high-quality and significant research in all fields of computer science, information technology, software engineering, soft computing, computational intelligence, operations research, management science, marketing, applied mathematics, statistics, policy analysis, economics, natural sciences, medicine, and psychology, among others. This journal publishes original articles, reviews, technical reports, patent alerts, and case studies on the latest innovative findings of new methodologies and techniques. *Human and Social Perspectives* IGI

Publishing Discover exciting behind-the-scenes opportunities and challenges in technology today with Schwalbe's unique INFORMATION TECHNOLOGY PROJECT MANAGEMENT, REVISED 7E. This one-of-a-kind book demonstrates the principles distinctive to managing information technology (IT) projects that extend well beyond standard project management requirements. No book offers more up-to-the minute insights and software tools for IT project management success, including updates that reflect the latest PMBOK Guide, 5th edition, the global standard for managing projects and earning certification. The book weaves today's theory

with successful practices for an understandable, integrated presentation that focuses on the concepts, tools, and techniques that are most effective today. INFORMATION TECHNOLOGY PROJECT MANAGEMENT is the only book to apply all ten project management knowledge areas to IT projects. You master skills in project integration, scope, time, cost, quality, human resource, communications, risk, procurement, and stakeholder management as well as all five process groups--initiating, planning, executing, monitoring and controlling, and closing. Intriguing examples from familiar

companies featured in today's news, a new Agile case, opportunities with MindView software, and a new chapter on project stakeholder management further ensure you are equipped to manage information technology projects with success. The REVISED Seventh Edition has updated Appendix A for Microsoft Project 2013. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Managing Innovation** IGI Publishing  
The International Association for Management of Technology (IAMOT) is one of the largest scientific associations



dealing with the education, research and application of management of technology. The annual conferences held by IAMOT assemble the most important scientists and experts in the field. The 16th conference held in 2007 included papers by experts from 32 countries. This book compiles the best of those papers presented at the conference. It covers topics and issues related to the knowledge economy, commercialization of knowledge, green technologies, and sustainable development. World Scientific

Increasingly, the challenge of management is to create and supply knowledge in order to

sustain organizational performance. However, few books on management strategy have been written using this concept as a foundation. This unique volume adopts a knowledge-based approach that will complement and perhaps supplant other perspectives. Editors Nick Bontis and Chun Wei Choo look at the literature through the lens of strategic management and from the vantage point of organizational science. The thirty readings have been carefully selected and commissioned to provide the best literature available--from articles newly written for this book and from existing publications.

*Activities and Tools* IGI Global

Digital technologies have become a new economic and social force, reshaping traditional business models, strategies, structures, and processes. Digital entrepreneurship, which focuses on creating new ventures and transforming existing businesses by developing novel digital technologies or their novel usage, is seen as a critical pillar for economic growth, job creation, and innovation by many countries. Further, digital technologies have also enabled the growth of the sharing economy, linking owners and users and disrupting the previous dualism of businesses and customers. This volume discusses the management of new technology-based firms

and technology projects initiated in academic or industrial contexts. The contributions feature new theoretical concepts, ethical considerations, empirical data analysis (qualitative and quantitative), archival and historical methods, design science approaches, action and field research, as well as management science methods, informatics and cybernetics.

Management of Technology Innovation and Value Creation

CRC Press

Managing Innovation: New Technology, New Products, and New Services in a Global Economy, 2nd Edition is devoted to providing a better understanding and better management of all of

the causes and consequences of change that have technological implications in and around our global organizations. This text is a unique, original contribution and represents a significant alternative to the collection of chapters written by others. The second edition has new cases with a few classics from the first edition that have been retained in response to reader feedback. The key subjects that are included have been significantly updated and treated in greater depth. The number of chapters has been reduced from 12 to 10 so it is easy to adapt to almost any course or training on the subject in any discipline or to any audience. This exceptionally

informative book provides a broad perspective on how technological change can be effectively managed in modern organizations. The text explains the conceptual frameworks supported by new and original case studies for start-up companies like Askmen.com, the complex challenges of managing international technology-based companies like NexPress (a joint venture of Kodak and Heidelberg) in the digital printing industry, and corporate sustainability using innovative new product technologies illustrated by the case of Evinrude's launch of the E-tec® outboard motor. John E. Ettl's three decades in the field of innovation as an instructor and

researcher bring an exceptional perspective to this subject. His text is unique in its discussion of how technology has transformed the service sector. Few books on technology make the distinction between new offerings in manufacturing and the service sector which is emphasized in this text.

**Digital Entrepreneurship** IGI Global Managing information technology (IT) on a global scale presents a number of opportunities and challenges. IT can drive the change in global business strategies and improve international coordination. At the

same time, IT can be an impediment to achieving globalization. IT as an enabler of and inhibitor to globalization raises interesting questions. *Global Perspective of Information Technology Management* provides a collection of research works that address relevant IT management issues from a global perspective. As the world economy becomes more interdependent and competition for business continues to be more globally oriented, it has, likewise, become necessary to address the issues of IT management from a broader global focus.

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