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KEY=MANAGEMENT - WANG MATA

SUSTAINABILITY MANAGEMENT STRATEGIES AND IMPACT IN DEVELOPING COUNTRIES

Emerald Group Publishing **Strategies and Impact in Developing Countries** emphasizes the research of sustainability management and strategies in developing countries providing information to the public, researchers, planners, and stakeholders dealing with sustainability management and strategies, particularly for developing and emerging economic countries.

LIFE-CYCLE OF ENGINEERING SYSTEMS: EMPHASIS ON SUSTAINABLE CIVIL INFRASTRUCTURE

PROCEEDINGS OF THE FIFTH INTERNATIONAL SYMPOSIUM ON LIFE-CYCLE CIVIL ENGINEERING (IALCCE 2016), 16-19 OCTOBER 2016, DELFT, THE NETHERLANDS

CRC Press **This volume contains the papers presented at IALCCE2016, the fifth International Symposium on Life-Cycle Civil Engineering (IALCCE2016), to be held in Delft, The Netherlands, October 16-19, 2016. It consists of a book of**

extended abstracts and a DVD with full papers including the Fazlur R. Khan lecture, keynote lectures, and technical papers from all over the world. All major aspects of life-cycle engineering are addressed, with special focus on structural damage processes, life-cycle design, inspection, monitoring, assessment, maintenance and rehabilitation, life-cycle cost of structures and infrastructures, life-cycle performance of special structures, and life-cycle oriented computational tools. The aim of the editors is to provide a valuable source for anyone interested in life-cycle of civil infrastructure systems, including students, researchers and practitioners from all areas of engineering and industry.

DEVELOPMENTS IN MANAGEMENT SCIENCE IN ENGINEERING 2018

PERSPECTIVES FROM SCIENTIFIC JOURNALS

Cambridge Scholars Publishing Management science in engineering (MSE) is playing an increasingly important role in modern society. In particular, the development of efficient and innovative managerial tools has significantly influenced the research progress of management science in engineering. This book identifies the main research categories of MSE, and evaluates and classifies each journal in this field. It has been developed through the joint efforts of scientific board members, many of whom are editors-in-chief of significant journals, academics, and members and fellows of various relevant societies. It will be of interest to scientists, researchers, practitioners, engineers, graduate students and upper-level undergraduates in engineering management, civil engineering, industrial engineering, environmental engineering, energy engineering, information engineering, and agricultural engineering.

ROBOTICS AND AUTOMATION IN CONSTRUCTION

BoD - Books on Demand This book addresses several issues related to the introduction of automaton and robotics in the construction industry in a collection of 23 chapters. The chapters are grouped in 3 main sections according to the theme or the type of technology they treat. Section I is dedicated to describe and analyse the main research challenges of Robotics and Automation in Construction (RAC). The second section consists of 12 chapters and is dedicated to the technologies and new developments employed to automate processes in the construction industry. Among these we have examples of ICT technologies used for purposes such as construction visualisation systems, added value management systems, construction materials and elements tracking using multiple IDs devices. This section also deals with Sensorial Systems and software used in the construction to improve the performances of machines such as cranes, and in improving Human-Machine Interfaces (MMI). Authors adopted Mixed and Augmented

Reality in the MMI to ease the construction operations. Section III is dedicated to describe case studies of RAC and comprises 8 chapters. Among the eight chapters the section presents a robotic excavator and a semi-automated façade cleaning system. The section also presents work dedicated to enhancing the force of the workers in construction through the use of Robotic-powered exoskeletons and body joint-adapted assistive units, which allow the handling of greater loads.

MANAGING PROJECTS AND PROGRAMS

RECONSTRUCTING PROJECT MANAGEMENT

John Wiley & Sons The book is designed to offer a thoughtful commentary on project management as it has been practiced and taught over the last 60 or more years, and as it may be over the next 20 to 40, drawing on examples from several industry sectors. Its thesis is that 'it all depends on how you define the subject' - that much of our present thinking about p.m. as traditionally defined is boring, sometimes conceptually weak or even flawed, and/or of limited application, whereas in reality what it can offer is exciting, challenging and potentially enormously useful. The book explores this hypothesis.

COLLABORATION AND INTEGRATION IN CONSTRUCTION, ENGINEERING, MANAGEMENT AND TECHNOLOGY

PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON CONSTRUCTION IN THE 21ST CENTURY, LONDON 2019

Springer Nature This book gathers papers presented at the 11th International Conference on Construction in the 21st Century, held in London in 2019. Bringing together a diverse group of government agencies, academics, professionals, and students, the book addresses issues related to construction safety, innovative technologies, lean and sustainable construction, international construction, improving quality and productivity, and innovative materials in the construction industry. In addition, it highlights international collaborations between various disciplines in the areas of construction, engineering, management, and technology. The book demonstrates that, as the industry moves forward in an ever-complex global economy, multi-national collaboration is crucial, and its future growth will undoubtedly depend on international teamwork and alliances.

ADVANCES IN CONSTRUCTION MANAGEMENT

SELECT PROCEEDINGS OF ACMM 2021

Springer Nature This book presents the select proceedings of the International Conference on Advances in Construction Materials and Management (ACMM 2021). It discusses the recent innovations towards construction management, building technology and new materials in practice in civil engineering. Various topics covered include architecture and urban planning, smart materials and structures, GIS in construction application, transportation materials and engineering, geotechnical applications in construction, energy and sustainability, green building technologies and materials and construction management. The book will be useful for beginners, researchers and professionals working in the area of civil engineering. .

EFFECTIVE CONSTRUCTION PROJECT DELIVERY

IMPROVING COMMUNICATION PERFORMANCE IN NON-TRADITIONAL PROCUREMENT SYSTEMS

Springer Nature This book focuses on the development of communication skills in the context of non-traditional procurement and construction projects. It helps readers to understand the fundamentals of non-traditional procurement, and highlights the inherent communication challenges that arise, as well as how to solve them. The book is divided into four parts, the first of which provides an introduction to communication, discussing the theoretical concepts and contextual nature of communication as well as its benefits. The second part goes into more depth, discussing communication in the context of construction project delivery and non-traditional procurement systems, what these two terms actually mean, and what effective communication looks like in these contexts. Part III offers solutions to the inherent challenges of communication, including the use of information and communications technology, while the book's fourth and final part explores the future of construction communication. Given the scope of its content, the book represents a valuable asset for researchers, professionals and students in the areas of procurement management and construction management.

SUSTAINABLE SLUDGE MANAGEMENT: RESOURCE RECOVERY FOR CONSTRUCTION APPLICATIONS

World Scientific Converting sludge into construction materials is deemed to be a sustainable approach to alleviating

sludge disposal problems and conserving natural resources. This compendium presents the state-of-the-art development in recycling sludge into construction materials. A research-based development of engineering products made from sludge for common construction applications such as bricks, aggregates and cement-replacement materials is outlined. In-depth discussions on the properties of the products and their processing technology, the technical suitability for construction applications, and experimental study and assessment of toxic or hazardous chemicals leached from the products are prominently highlighted. Challenges and prospect of sludge recycling are also included. Contributed by eminent authors who are recognized authority in the field of sludge treatment and reuse, the unique monograph is a useful reference guide for professionals, researchers, academics and graduate students majoring in waste management, environmental engineering, civil engineering and materials engineering.

ADVANCES IN CIVIL ENGINEERING AND BUILDING MATERIALS

CRC Press **Advances in Civil Engineering and Building Materials** presents the state-of-the-art development in: - **Structural Engineering - Road & Bridge Engineering - Geotechnical Engineering - Architecture & Urban Planning - Transportation Engineering - Hydraulic Engineering - Engineering Management - Computational Mechanics - Construction Technology - Building Materials - Environmental Engineering - Computer Simulation - CAD/CAE** Emphasis was given to basic methodologies, scientific development and engineering applications. **Advances in Civil Engineering and Building Materials** will be useful to professionals, academics, and Ph.D. students interested in the above mentioned areas.

TARGET COST CONTRACTING STRATEGY IN CONSTRUCTION

PRINCIPLES, PRACTICES AND CASE STUDIES

Routledge The problems inherent in the traditional design-bid-build procurement method often lead to the adversarial working relationships within the construction industry. Target cost contracts, accompanied by a gain-share/pain-share arrangement serving as a cost incentive mechanism, have emerged in the United States, the United Kingdom, Australia and Hong Kong with the aim of achieving better value for money and more satisfactory overall project performance under a collaborative working relationship. This book presents the underlying principles, practicalities and a series of short case studies of applying the target cost contracting strategy. Principles begin with the fundamentals then cover the development of target cost contracting in major countries/cities, definitions of target cost contracting, perceived

benefits, potential difficulties and critical success factors for implementation. Practices include the target cost contracting approach and process in general, the key risk factors, risk assessment model, risk allocation and risk mitigation measures for target cost contracts in particular, together with a conceptual framework for the performance measurement of target cost contracts. Several short real-life case studies from the United Kingdom, Hong Kong, Australia and New Zealand are provided for further illustration. The book will appeal to a wide spectrum of readers from industrial practitioners to undergraduate students, researchers and academics interested in construction contracts and procurement methods.

DEVELOPMENTS IN MANAGEMENT SCIENCE IN ENGINEERING 2017

PERSPECTIVES FROM SCIENTIFIC JOURNAL REPORTS

Cambridge Scholars Publishing Management science in engineering (MSE) is playing an increasingly important role in modern society. In particular, the development of efficient and innovative managerial tools has significantly influenced the research progress of management science. As research is vital for the propagation of leading-edge methods, journal evaluation and classification are critical for scientists, researchers, engineers, practitioners, and graduate students. This book identifies the main research categories of MSE, and evaluates and classifies each MSE journal. It represents the outcome of joint efforts from scientific board members, research fellows, and members of various professional societies. It is ideal for scientists, researchers, practitioners, engineers, graduate students and upper-level undergraduates in engineering management, civil engineering, industrial engineering, environmental engineering, energy engineering, information engineering, and agricultural engineering.

CROSS-CULTURAL MANAGEMENT AND QUALITY PERFORMANCE

CHINESE CONSTRUCTION FIRMS IN NIGERIA

Springer This book explores China's global competitiveness in the building of infrastructures with a particular interest in the resource-rich African countries. The book begins with a comprehensive literature review on total quality management (TQM) and national culture, followed by reviews of the construction industries in China and Nigeria. This provides better understanding of the linkages between TQM, based on the International Organization for Standardization's ISO 9000 quality management systems (QMS), and national culture, based on Emeritus Professor

Geert Hofstede's national cultural dimensions. Premised on the culture-specificity and bi-directionality relationships between TQM and national culture, this book investigates the construction industries in China and Nigeria including their strengths, weaknesses, opportunities, and threats (SWOT) as well as an appraisal of their historical and emerging relationships. In its conceptual approach, this book presents different models in the lead up to its primary theoretical contribution of a quality management assessment model (QMAM) that was adopted during the study's field work. The book also presents relevant lessons relating to cross cultural management and quality performance not only to the Nigerians but also other foreign players in Nigeria's construction industry.

INFORMATION AND KNOWLEDGE IN INTERNET OF THINGS

Springer Nature

NUCLEAR POWER PLANT DEVELOPMENT

CONTRACT ISSUES, CLAIMS AND DISPUTES

Taylor & Francis **Nuclear Power Plant Development** covers the intricacies of developing a nuclear power plant project from a construction and legal standpoint. It deals with structuring, drafting, and negotiating a wide range of standard and specialised contracts relating to the development of nuclear power-generation projects and also covers the other forms of power-generating facilities. It covers the forms of contract, the law involved internationally, and potential areas of pitfalls and how to avoid them in a systematic format covering various forms of projects. It is suitable for solicitors and barristers involved in the contracting for such facilities and the handling of litigation related to them, government officials involved in the commissioning and development of nuclear facilities for regional governments, and engineers and contractors involved in the actual work of design and contract administration and dispute resolution.

RECENT DEVELOPMENTS IN MANAGEMENT SCIENCE IN ENGINEERING

PERSPECTIVES FROM SCIENTIFIC JOURNALS

Cambridge Scholars Publishing

GENDER PERSPECTIVES ON INDUSTRY 4.0 AND THE IMPACT OF TECHNOLOGY ON MAINSTREAMING FEMALE EMPLOYMENT

IGI Global Almost all economies have, or are at least starting to, understand the significance of examining and mainstreaming gender issues in the world of work. Sociocultural evolution and various other factors have helped these developments, but there is still so much more work to be done. Technology has played a substantial role in decreasing the gender divide as more households than ever before have access to technology, and the revolution of access to information across most societies has become gender neutral and empowering. While technology can hold the potential to significantly expand the job market and open opportunities for all job seekers, questions surrounding automation and availability of jobs and the accessibility to secure the necessary qualifications and education needed to fill paid jobs rage on, especially when examining those who are typically marginalized. *Gender Perspectives on Industry 4.0 and the Impact of Technology on Mainstreaming Female Employment* discusses gender perspective and its impact on the fourth industrial revolution, particularly in the realm of employment structure, and analyzes the impact of technology on mainstreaming women in paid employment. In the present environment, organizations are beginning to realize the importance of looking more critically at their workforce and structure and how to better cater to the diversity, equity, and inclusion movement while also productively managing the advancement of new technologies. Covering topics such as sustainable development and the future of work, it is ideal for policymakers, practitioners, professionals, consultants, managers, researchers, academicians, educators, and students.

CORRUPTION IN THE PUBLIC CONSTRUCTION SECTOR

A HOLISTIC VIEW

Springer This book is committed to provide a holistic view of corruption in the public construction sector, a sector that has been perceived as the most corrupt in the world. Relying on the new findings achieved from a series of qualitative and quantitative studies, this book unveils the specific forms of corruption, the principal causes of corruption, and the prevailing anti-corruption strategies that are used by the current practice. Furthermore, this book provides two metrics that can assess the potential of corruption and the risk of collusion in given public construction projects, respectively. This book will enhance industry and research communities' understandings of corruption in the public construction sector. It is also informative to policy-makers and can help them come up with some more effective

strategies to eliminate corruption in the public construction sector.

SUSTAINABILITY IN HIGHER EDUCATION

Chandos Publishing **Support in higher education is an emerging area of great interest to professors, researchers and students in academic institutions. Sustainability in Higher Education provides discussions on the exchange of information between different aspects of sustainability in higher education. This book includes chapter contributions from authors who have provided case studies on various areas of education for sustainability. focus on sustainability present studies in aspects related with higher education explores a variety of educational aspects from an sustainable perspective**

GLOBAL APPROACHES IN FINANCIAL ECONOMICS, BANKING, AND FINANCE

Springer **This volume discusses the impact of Financial Economics, Growth Dynamics, and the Finance & Banking sector in the economies of countries. The contributors analyse and discuss the effects of the recent financial crises on the economic growth and performance in various countries. The volume covers aspects like foreign borrowing, impact on productivity and debt crises that are strongly affected by the financial volatility of recent years and includes examples from Europe and Asia. In addition, the authors give particular attention to the private sector of Finance and Banking, which is deeply interwoven with the financial performance of a country's economy. Examples such as bank profitability and troubled loans are covered and the volume also discusses the economic impact of banks such as the Ottoman Bank in a national economy. The book also explores the importance of financial stability, intellectual capital and bank performance for a stable economic environment.**

CONSTRUCTION SUPPLY CHAIN MANAGEMENT IN THE FOURTH INDUSTRIAL REVOLUTION ERA

Emerald Group Publishing **Providing invaluable support for construction in determining the acceptable practice and standard for regulatory bodies and managers, Construction Supply Chain Management in the Fourth Industrial Revolution Era also appeals to researchers as it expands the frontiers of knowledge in the fourth industrial era.**

MODELING RISK MANAGEMENT IN SUSTAINABLE CONSTRUCTION

Springer Science & Business Media **In this edited volume, we present the state-of-the-art views of the perspective of**

enterprise risk management, to include frameworks and controls in the ERM process with respect to supply chains, constructions, and project, energy, environmental and sustainable development risk management. The bulk of this volume is devoted to presenting a number of modeling approaches that have been (or could be) applied to enterprise risk management in construction.

HUMAN RESOURCE MANAGEMENT IN CONSTRUCTION

CRITICAL PERSPECTIVES

Routledge The construction sector is one of the most complex and problematic arenas within which to manage people. As a result, the applicability of much mainstream human resource management (HRM) theory to this industry is limited. Indeed, the operational realities faced by construction organizations mean that all too often the needs of employees are subjugated by performance concerns. This has potentially dire consequences for those who work in the industry, for the firms that employ them and ultimately, for the prosperity and productivity of the industry as a whole. In this new edition of their leading text, Andrew Dainty and Martin Loosemore have assembled a collection of perspectives which critically examine key aspects of the HRM function in the context of contemporary construction organizations. Rather than simply update the previous edition, the aim of this second edition is to provide a more critical commentary on the ways in which the industry addresses the HRM function and how this affects those who work within the industry. To this end, the editors have gathered contributions from many of the leading thinkers within construction HRM to critique the perspectives presented in the first edition. Each contributor either tackles specific aspects of the HRM function, or provides a critical commentary on industry practice. The authors explain, using real-life case studies, the ways in which construction firms respond to the myriad pressures that they face through their HRM practices. Together the contributions encourage the reader to rethink the HRM function and its role in defining the employment relationship. This provides essential reading for students of construction and project management, and reflective practitioners who are interested in theoretically informed insights into industry practice and its implications.

TRUST IN CONSTRUCTION PROJECTS

Routledge The relationship between project managers representing project owners and those on the contractor side is often threatened by communication risk. The main communication risk minimization strategy in the construction phase

is trust, which plays a major role in the success of key working relationships across the construction industry. This book investigates this phenomenon, and goes on to show that once developed, trust outshines all other strategies of communication risk minimization and is essential for project success. As part of this investigation, communication risk in construction projects is examined in detail, with a particular focus on the effects of information asymmetry on working relationships. Drawing on many years of empirical research involving project managers working internationally, *Trust in Construction Projects* also provides strategies to minimize information asymmetries in order to build trust, and ensure the success of construction projects. By increasing understanding of trust in construction projects, this book adds an important new perspective to the fields of construction management and project management. This is essential reading for researchers and students, as well as practitioners in these fields.

CONSTRUCTION PROGRAM MANAGEMENT - DECISION MAKING AND OPTIMIZATION TECHNIQUES

Springer Exploring complex and intelligent analytical and mathematical methods, this book examines how different approaches can be used to optimize program management in the construction industry. It presents an in-depth study of the different program management methods, ranging from simple decision-making techniques and statistics analysis to the more complex linear programming and demonstrates how knowledge-base systems and genetic algorithms can be used to optimize resources and meet time, budget and quality criteria. It addresses topics including decision-making principles, planning and scheduling, mathematical forecasting models, optimization techniques programming and artificial intelligence techniques. Providing a valuable resource for anyone managing multiple projects in the construction industry, this book is intended for civil and construction engineering students, project managers, construction managers and senior engineers.

ECMLG 2017 13TH EUROPEAN CONFERENCE ON MANAGEMENT, LEADERSHIP AND GOVERNANCE

ECMLG 2017

Academic Conferences and publishing limited these Proceedings represent the work of contributors to the 13th European Conference on Management Leadership and Governance, ECMLG 2017, hosted this year by the Cass Business School, City, University of London on 11-12 December 2017. The Conference Chair is Dr Martin Rich. The conference will be opened with a keynote address by Dr Helen Rothberg from Marist College, Poughkeepsie, USA with a speech entitled Everything I Know about Leadership I Learned as a Bartender. On the second day the keynote will be delivered by Dr

Amanda Goodall from City, University of London on the topic of Why we need core business experts as leaders. ECMLG is a well established platform for individuals to present their research findings, display their work in progress and discuss conceptual advances in many different branches of Management, Leadership and Governance. At the same time it provides an important opportunity for members of the community to come together with peers, share knowledge and exchange ideas. With an initial submission of 160 abstracts, after the double blind, peer review process there are 61 academic papers, 8 PhD Papers and 2 Work in Progress papers in these Conference Proceedings. These papers reflect the truly global nature of research in the area with contributions from, Australia, Austria, Belgium, Brazil, Canada, Czech Republic, Finland, Germany, Hungary, Iran, Ireland, Israel, Kazakhstan, Kenya, Lithuania, Malaysia,

HUMAN FACTORS ISSUES AND THE IMPACT OF TECHNOLOGY ON SOCIETY

IGI Global Human factors are the scientific discipline concerned with the understanding of interactions among humans and other elements of a system, and the profession that applies theory, principles, data, and other methods to design to optimize human well-being and overall system performance. Human factor issues and the impact of technology on society is a topic that is only growing, and it is essential that it is considered as technology becomes more present in our daily lives. This not only impacts society now but is something to be considered for the future. It is also incredibly important for those in the human factors profession to consider the impact of technology for their work and for the users they are helping design for. Therefore, this topic has immense impact and is important to study from a research perspective to advance the understanding of how technology works, how we work, and how we as humans work within the context of the technology we use. Human Factors Issues and the Impact of Technology on Society examines the role of technology on society with a specific focus on human factors issues and how they are associated with and related to technology use in society. A few highlighted topics within this book are digital health technologies, learning technologies, ethics in social technology, ICT use in businesses, and sustainability. These topics are only a few of examples of how this book analyzes technology in all different facets of society, making it ideal for a wide audience including human factors practitioners, technologists, sociologists, policy makers, teachers, technology developers and designers, business professionals, ethicists, researchers, academicians, students, and anyone else seeking more information on how technology is impacting society through the viewpoint of human factors.

VALUE MANAGEMENT IMPLEMENTATION IN CONSTRUCTION

A GLOBAL VIEW

Emerald Group Publishing **Value Management Implementation in Construction** addresses various factors that can enhance the application of the discipline as well as its adoption among concerned stakeholders and discusses the practice of value management in various developed and developing countries.

RISK MANAGEMENT STRATEGIES IN PUBLIC-PRIVATE PARTNERSHIPS

IGI Global **Governments around the globe are facing a new framework of service delivery as public-private partnerships become more prevalent. Characterized as an innovative tool for change, this area of socio-economic development is transforming the world economy. Risk Management Strategies in Public-Private Partnerships is an essential reference source for the latest scholarly research on recent developments on the relationships between public agencies and private sectors, and frameworks for effectively managing risk factors. Featuring extensive coverage on a wide variety of topics and perspectives such as service delivery, sustainability, and contractual design, this publication is ideally designed for policy makers, students, and professionals seeking current research on ways to manage problems and challenges in contractual partnerships.**

THE SOFT POWER OF CONSTRUCTION CONTRACTING ORGANISATIONS

Routledge **Across the AEC industry, the non-technical skills possessed by organisations are key to their overall performance. In this study, the particular importance of optimising the so-called "soft power" of organisations, is addressed. Things like organisational culture, responsible corporate behaviour, and building trust-based relationships with other stake-holders are seen as facets of a broader organisational capability, and the advantages of this strength are also explored. The internationally conducted research behind this book will provide readers with new insights into effective management, from both inter and intra organisational perspectives. This unique and important book is essential reading for researchers and advanced students of construction management.**

INTERNATIONAL BEST PRACTICES OF PUBLIC-PRIVATE PARTNERSHIP

INSIGHTS FROM DEVELOPED AND DEVELOPING ECONOMIES

Springer Nature This book discusses how Public-Private Partnership (PPP) is practiced in developed and developing economies. The book demonstrates how PPP as a concept has grown over the years with many governments particularly from developing economies/countries seeking to enhance infrastructure growth and development through this scheme. Further, the book explores how PPP has become the major infrastructure procurement policy adopted by many governments globally to address the rapid increase in demand for infrastructure due to the increase in population growth. Although, there are many available textbooks on PPP, this book is unique because it provides in-depth analysis and discussion on the international best practices of PPP from developed and developing economies perspectives. This book provides strategic measures, useful practices and information about the similarities and differences in PPP practices in developed and developing economies based on empirical evidence and case studies. This book is structured in nine chapters. The first chapter explores the basic concept of PPPs. The second chapter looks at the global development and practices of PPP particularly from developed and developing economies' perspectives. The third to the eight chapters explores critical topics and issues in international PPP practices from developed and developing economies perspectives. The topics included in this book are: governments motivations for adopting PPPs, barriers to PPP implementation, measuring PPP project success, risk management in PPPs, causes of conflict and conflict resolution mechanisms in PPPs and management of unsolicited proposals. The ninth chapter presents a comprehensive best practice framework for implementing international PPP projects. This book is useful to undergraduate and postgraduate students in architecture, civil engineering, business, construction and project management, researchers interested in PPP topics, international investors and financiers, public authorities and departments and international development banks. This book provides in-depth insights and understanding on the best practices for PPP from the international perspective especially from the viewpoint of countries with diverse culture and policies. Importantly, readers will be adequately informed of the similarities and differences of PPP practices and processes in developed and developing economies based on empirical evidence. Investors and governments will be informed of the strategic plans and preventive actions to employ when engaging in PPP arrangements in any part of the world.

CUTTING-EDGE RESEARCH TOPICS ON MULTIPLE CRITERIA DECISION MAKING

20TH INTERNATIONAL CONFERENCE, MCDM 2009, CHENGDU/JIUZHAIGOU, CHINA, JUNE 21-26, 2009. PROCEEDINGS

Springer Science & Business Media **MCDM 2009, the 20th International Conference on Multiple-Criteria Decision Making**, emerged as a global forum dedicated to the sharing of original research results and practical development experiences among researchers and application developers from different multiple-criteria decision making-related areas such as multiple-criteria decision aiding, multiple criteria classification, ranking, and sorting, multiple objective continuous and combinatorial optimization, multiple objective metaheuristics, multiple-criteria decision making and preference modeling, and fuzzy multiple-criteria decision making. The theme for MCDM 2009 was “New State of MCDM in the 21st Century.” The conference seeks solutions to challenging problems facing the development of multiple-criteria decision making, and shapes future directions of research by promoting high-quality, novel and daring research findings. With the MCDM conference, these new challenges and tools can easily be shared with the multiple-criteria decision making community. The workshop program included nine workshops which focused on different topics in new research challenges and initiatives of MCDM. We received more than 350 submissions for all the workshops, out of which 121 were accepted. This includes 72 regular papers and 49 short papers. We would like to thank all workshop organizers and the Program Committee for the excellent work in maintaining the conference’s standing for high-quality papers.

FESTIVAL AND EVENTS MANAGEMENT

Routledge **Festival and Events Management: an international perspective** is a unique text looking at the central role of events management in the cultural, tourism and arts industries. With international contributions from industry and academia, the text looks at the following: * Events & cultural environments * Managing the arts & leisure experience * Marketing, policies and strategies of art and leisure management Chapters include exercises, and additional teaching materials and solutions to questions are provided as part of an accompanying online resource.

PROCEEDINGS OF THE 25TH INTERNATIONAL SYMPOSIUM ON ADVANCEMENT OF CONSTRUCTION MANAGEMENT AND REAL ESTATE

Springer Nature **This proceedings book focuses on innovation, cooperation, and sustainable development in the fields of construction management and real estate. The book provides a detailed analysis and description of the disciplinary frontiers in the field of building management and real estate and how they can be promoted in the context of the**

epidemic. A wide variety of papers provide a reference value for both scholars and practitioners. The proceedings book is the documentation of “the 25th International Symposium on Advancement of Construction Management and Real Estate” (CRIOCM 2020), which was held at the School of Public Administration, Central China Normal University, Wuhan, China, in 2020.

DISASTER PREVENTION

Routledge Leading editors have curated collections of important Routledge research in ebook form to share recommended paths to understanding cutting-edge topics. In this book Ilan Kelman presents his guide to the must-read research on the subject of Disaster Prevention.

INTERNATIONAL JOURNAL OF OPEN SOURCE SOFTWARE AND PROCESSES

IGI Publishing The International Journal of Open Source Software and Processes (IJOSSP) publishes high-quality peer-reviewed and original research articles on the large field of open source software and processes. This wide area entails many intriguing question and facets, including the special development process performed by a large number of geographically dispersed programmers, community issues like coordination and communication, motivations of the participants, and also economic and legal issues. Beyond this topic, open source software is an example of a highly distributed innovation process led by the users. Therefore, many aspects have relevance beyond the realm of software and its development. In this tradition, IJOSSP also publishes papers on these topics. IJOSSP is a multi-disciplinary outlet, and welcomes submissions from all relevant fields of research and applying a multitude of research approaches.

DETERMINANTS OF CONSTRUCTION PROJECT SUCCESS IN INDIA

Springer Science & Business Media This study presents exploratory work and seeks to identify and evaluate the success and failure factors that could form a guideline for further study and to some extent help professionals to understand some critical aspects that impact project performance concerning construction in India. A total of 55 attributes affecting the performance of construction projects are analysed in terms of their level of influence on four key performance criteria - schedule, cost, quality, and no disputes - using a two-stage questionnaire survey. These attributes are then further analysed, interpreted and evaluated. Based on the critical success factors obtained from the study, a neural network model-based predictive model for project performance has been developed. The

performance prediction models have been derived for all four project performance criteria. Further, a hypothesis that 'project success' is influenced by 'success traits' has also been formulated. The hypothesized positive inter-relationships between success traits and project success have been tested using the structural equation modelling technique. Besides supporting the intuition of past researchers in recognizing 'coordination' as a key success factor, this study has revealed that coordination is not an isolated and independent activity, but is a typical management function with an inherent role in all major management activities. Key elements affecting coordination have also been identified and their influence on coordination effort has been studied. Furthermore, the present study has also identified three broad skill groups required of effective project coordinators. The results are validated through case studies of live projects and structured interviews with experts in the field of construction management.

CONSTRUCTION SAFETY

Springer Science & Business Media A close-to-ideal blend of suburb and city, speedy construction of towers of Babylon, the sparkling proportion of glass and steel buildings' facade at night showcase the wisdom of humans. They also witness the footsteps, sweats and tears of architects and engineers. Unfortunately, these signatures of human civilizations are swathed in towering figures of construction accidents. Fretting about these on sites, different countries adopt different measures on sites. This book firstly sketches the construction accidents on sites, followed by a review on safety measures in some of the developing countries such as Bermuda, Egypt, Kuwait and China; as well as developed countries, for example, the United States, France and Singapore. It also highlights the enormous compensation costs with the courts' experiences in the United Kingdom and Hong Kong.

REMOTE WORK AND SUSTAINABLE CHANGES FOR THE FUTURE OF GLOBAL BUSINESS

IGI Global There is a void of research and other academic materials to support stakeholders operating within industry and the service sector with respect to their perceptions and experiences of remote work, particularly in the context of global business, sustainability, and change management. As more businesses consider remaining and maintaining a remote workforce, it is of paramount importance that new research be conducted regarding the multifaceted area of remote work and sustainable change for global business. Remote Work and Sustainable Changes for the Future of Global Business raises awareness of the multifaceted area of remote work in the context of sustainable change. In particular, it explores remote technology in an attempt to cope with the changing landscape of work environments

amidst global change from a sociotechnical perspective. This book provides insight into the challenges both national and international businesses face during a world crisis. Covering topics such as crisis management, the human cloud, and virtual collaboration, this book is essential to business managers, project managers, business clusters, entrepreneurs, higher education practitioners, faculty and PhD researchers, educational boards, technology vendors and firms, and academic researchers.