Table of Contents

Preface.................................................................................................................................................. xxvi

Volume I

Section 1
Fundamental Concepts and Theories

This section serves as a foundation for this exhaustive reference tool by addressing underlying principles essential to the understanding of Project Management. Chapters found within these pages provide an excellent framework in which to position Project Management within the field of information science and technology. Insight regarding the critical incorporation of global measures into Project Management is addressed, while crucial stumbling blocks of this field are explored. With 12 chapters comprising this foundational section, the reader can learn and choose from a compendium of expert research on the elemental theories underscoring the Project Management discipline.

Chapter 1
A Review of User Involvement in Information System Projects ........................................................... 1
Bradford R. Eichhorn, Cleveland State University, USA
Oya I. Tukel, Cleveland State University, USA

Chapter 2
Discourses and Theoretical Assumptions in IT Project Portfolio Management: A Review of the Literature.................................................................................................................. 34
Lars Kristian Hansen, Aalborg University, Denmark
Pernille Kræmmergard, Aalborg University, Denmark

Chapter 3
Information Management in Project Management: Theoretical Guidelines for Practical Implementation ................................................................................................................................. 65
Fernanda Ribeiro, University of Porto, Portugal
Armando Malheiro da Silva, University of Porto, Portugal

Chapter 4
Managing an Engineering Project........................................................................................................... 79
Nayem Rahman, Portland State University, USA
Alexis Wittman, Portland State University, USA
Sallam Thabet, Portland State University, USA
Chapter 5
  Santiago Gutiérrez-Broncano, University of Castilla-La Mancha, Spain
  Mercedes Rubio-Andrés, San Pablo CEU University, Spain
  Pedro Jiménez Estévez, University of Castilla-La Mancha, Spain

Chapter 6
Placing SMEs at the Forefront of SHRM Literature .......................................................... 116
  Josh Bendickson, Louisiana State University, USA
  Eric W. Liguori, California State University – Fresno, USA
  Jeffrey Muldoon, Louisiana State University, USA
  Lindsay N. Newport, The Martin Agency, USA
  K. Mark Weaver, University of South Alabama, USA

Chapter 7
Project Management in IT Type University Spin-Offs ....................................................... 138
  Anna Szopa, Jagiellonian University, Poland
  Beata Jalocha, Jagiellonian University, Poland

Chapter 8
Project Management of New Hotel Openings ............................................................... 154
  Gert Noordzy, Northside Consulting, Macau
  Richard Whitfield, East-West Institute for Advanced Studies, Macau

Chapter 9
Promoting Leadership Development and Talent Management in Modern Organizations ........ 178
  Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Thailand

Chapter 10
The Role of HR Strategies in Change ........................................................................... 206
  Ashish Malik, University of Newcastle, Australia

Chapter 11
The Roles of Information Technology and Knowledge Management in Project Management Metrics ...................................................................................................................... 229
  Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Thailand

Chapter 12
Project Management in Portuguese Metalworking Industry ........................................... 260
  Ricardo Pinto, University of Trás-os-Montes and Alto Douro, Portugal
  Caroline Dominguez, University of Trás-os-Montes and Alto Douro, Portugal
Section 2
Development and Design Methodologies

This section provides in-depth coverage of conceptual architecture frameworks to provide the reader with a comprehensive understanding of the emerging developments within the field of Project Management. Research fundamentals imperative to the understanding of developmental processes within Project Management are offered. From broad examinations to specific discussions on methodology, the research found within this section spans the discipline while offering detailed, specific discussions. From basic designs to abstract development, these chapters serve to expand the reaches of development and design technologies within the Project Management community. This section includes 15 contributions from researchers throughout the world on the topic of Project Management.

Chapter 13
A Framework of Risk in Global IT Projects and Mitigation Strategies from Service-Oriented Architecture .............................................................................................................. 277
  One-Ki (Daniel) Lee, University of Massachusetts – Boston, USA
  Roger Blake, University of Massachusetts – Boston, USA
  Deepa Varghese Baby, University of Massachusetts – Boston, USA

Chapter 14
A Model to Integrate Concepts of Project Management with Innovation and Knowledge Management .................................................................................................................. 299
  João Carlos Araújo da Silva Neto, Magnesita SA, Brazil
  Ítalo Coutinho, Saletto Engenharia de Serviços, Brazil

Chapter 15
A Risk-Based Audit Model for Improving the Success Rates of E-Government Project Implementation ..................................................................................................................... 313
  Stephen K. Aikins, University of South Florida, USA

Chapter 16
  Ronald John Lofaro, Embry-Riddle Aeronautical University, USA

Chapter 17
Cost Performance Estimation in Construction Projects Using Fuzzy Time Series .................................. 359
  Mostafa Salari, Sharif University of Technology, Iran
  Nooshin Yousefi, Iran University of Science and Technology, Iran
  Mohhmad Mahdi Asgary, University of Economic Sciences, Iran

Chapter 18
Developing a Framework of Human Resource Management, Organizational Learning, Knowledge Management Capability, and Organizational Performance ........................................... 371
  Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Thailand
Chapter 19
Developing Project Team Cohesiveness in a Virtual Environment ..................................................... 403
Lisa Toler, Ashford University, USA

Chapter 20
Human Resource Management and Sustainable Tourism Development: A Conceptual Analysis from an Academic Perspective ............................................................. 427
Mohinder Chand Dhiman, Kurukshetra University, India
Ashish Dahiya, Central University of Haryana, India

Chapter 21
Identifying the Key Success Factors of Innovation for Improving the New Product Development Process .................................................................................................................. 444
Marcin Relich, University of Zielona Gora, Poland
Jana Šujanová, Slovak University of Technology in Bratislava, Slovakia

Chapter 22
Managing Project Communication: Using Social Media for Communication in Projects ..................... 461
Esther van Dokkum, HU University of Applied Sciences Utrecht, The Netherlands
Pascal Ravesteijn, HU University of Applied Sciences Utrecht, The Netherlands

Chapter 23
Providing a Model for Virtual Project Management with an Emphasis on IT Projects........................ 476
Hamed Nozari, Islamic Azad University, Iran
Seyed Esmaeil Najafi, Islamic Azad University, Iran
Meisam Jafari-Eskandari, Payam Noor University, Iran
Alireza Aliahmadi, Iran University of Science and Technology, Iran

Chapter 24
Rethinking the Project Management Process by Using Unified Modeling Language .......................... 497
Liang-Cheng Chang, Shih Chien University, Taiwan

Chapter 25
Rhythm and Cues: Project Management Tactics for UX in Game Design ......................................... 514
Rudy McDaniel, University of Central Florida, USA
Joseph R. Fanfarelli, University of Central Florida, USA

Chapter 26
The Power of Three: A Blended Approach of Project-, Change Management, and Design Thinking ................................................................................................................................. 532
Ute Riemann, SAP Deutschland AG & Co. KG, Germany

Chapter 27
Towards Innovating Electronic Government Projects Management, Utilising Goal-Driven, Knowledge-Based Methods and Tools ................................................................. 553
Yannis Charalabidis, University of the Aegean, Greece
Demetrios Sarantis, National Technical University of Athens, Greece
Section 3
Tools and Technologies

This section presents an extensive coverage of various tools and technologies available in the field of Project Management that practitioners and academicians alike can utilize to develop different techniques. These chapters enlighten readers about fundamental research on the many tools facilitating the burgeoning field of Project Management. It is through these rigorously researched chapters that the reader is provided with countless examples of the up-and-coming tools and technologies emerging from the field of Project Management. With 13 chapters, this section offers a broad treatment of some of the many tools and technologies within the Project Management field.

Chapter 28
‘Smart’ Project Management: Smartphone ‘Apps’ for Project Management ........................................... 579
   Céline M. Silvius, De Montfort University, UK
   Gilbert Silvius, LOI University of Applied Sciences, The Netherlands & University of Johannesburg, South Africa

Chapter 29
An Integrated Information System for Monitoring Construction Works............................................. 594
   Alexander Maravas, National Technical University of Athens, Greece
   John-Paris Pantouvakis, National Technical University of Athens, Greece
   Sergios Lambropoulos, National Technical University of Athens, Greece

Volume II

Chapter 30
   Hemant Kumar Mehta, Devi Ahilya University, India

Chapter 31
Enhancing RCIES Model: A Case Study in the Sudanese Electricity Transmission Company .......... 624
   Arwa Mukhtar Makki, University of Khartoum, Sudan
   Tarig Mohamed Ahmed, University of Khartoum, Sudan

Chapter 32
ICT Strategic Project Management ............................................................................................................ 644
   Robert Stalone Bawule, Kyambogo University, Uganda

Chapter 33
Investigating the Intention to Use Social Media Tools Within Virtual Project Teams ....................... 658
   Jerry Giltenane, Aspiracon, Ireland

Chapter 34
IT Alignment: Stakeholder Dynamics Perspective ..................................................................................... 681
   Taghred Alghaith, Lancaster University, UK
Chapter 35
Managing Project Sustainability: A Tool for Project Managers .................................................. 708
Gilman C. K. Tam, Independent Researcher, Hong Kong

Chapter 36
Scope Reductions as Tool for Cost Control in Construction Projects: An Ex-Post Analysis of Scope Reduction Options ................................................................. 733
Nils O. E. Olsson, Norwegian University of Science and Technology (NTNU), Norway

Chapter 37
Seamless Mobility Management: A Need for Next Generation All-IP Wireless Networks .......... 749
Sulata Mitra, Bengal Engineering and Science University, India

Chapter 38
Social Media for Project Management ......................................................................................... 778
Amir Manzoor, Bahria University, Pakistan

Chapter 39
The Project Management Perspective for a Digital City ............................................................. 793
Leonidas G. Anthopoulos, Technological Education Institute of Larissa, Greece
Pantelis Ipsilantis, Technological Education Institute of Larissa, Greece
Vassiliki Kazantzi, Technological Education Institute of Larissa, Greece

Chapter 40
Using Twitter for Collaborative Student and Project Manager Learning: Reflections from a UK Pilot Project ................................................................................................. 812
Kate Barnett-Richards, Coventry University, UK
Marie Sams, Coventry University, UK

Section 4
Utilization and Application

This section discusses a variety of applications and opportunities available that can be considered by practitioners in developing viable and effective Project Management programs and processes. This section includes 24 chapters that review topics from case studies to best practices and ongoing research. Further chapters discuss Project Management in a variety of settings. Contributions included in this section provide excellent coverage of today’s IT community and how research into Project Management is impacting the social fabric of our present-day global village.

Chapter 41
A Bayesian Approach to Project Control ..................................................................................... 832
Franco Caron, Politecnico di Milano, Italy
Chapter 42
A Project Risk Management Methodology Developed for an Electrical Portuguese Organization ................................................................. 845
  Joana Peixoto, ALGORITMI Research Centre, Portugal
  Anabela Tereso, ALGORITMI Research Centre, Portugal
  Gabriela Fernandes, ALGORITMI Research Centre, Portugal
  Rui Almeida, EDP Distribution, Portugal

Chapter 43
Alignment of Project Management with Business Strategy ................................................................. 865
  Bilal Ahmed Chaudhry, Riphah International University, Pakistan

Chapter 44
An Innovative Approach to the Development of Project Management Processes for Small-Scale Projects in a Large Engineering Company ................................................................. 882
  Claude Y. Laporte, École de Technologie Supérieure, Canada
  Frédéric Chevalier, Tetra Tech, Canada

Chapter 45
An Integrated Approach to Collaborative Learning in Projects ................................................................. 920
  Giuliana Teixeira Veronese, Stefanini IT Solutions, Brazil
  Marcirio Chaves, Nove de Julho University, Brazil

Chapter 46
Applying a Core Competence Model on Swedish Job Advertisements for IT Project Managers ...... 939
  Leif Marcusson, Linnaeus University, Sweden
  Siw Lundqvist, Linnaeus University, Sweden

Chapter 47
CMMI Implementation and Results: The Case of a Software Company................................................. 958
  Marco Liberato, Espírito Santo Informática, Portugal
  João Varajão, Universidade do Minho, Portugal & Centro Algoritmi, Portugal
  Paulo Martins, Universidade de Trás-os-Montes e Alto Douro, Portugal & INESC TEC
    (formerly INESC Porto), Portugal

Chapter 48
Comparative Analysis of Electronic Resource Management Systems (ERMS): A Web Study ........ 975
  Nihar K. Patra, National Institute of Food Technology Entrepreneurship & Management, India
  Shiv S. Jha, National Institute of Food Technology Entrepreneurship & Management, India

Chapter 49
Critical Chain Method in Traditional Project and Portfolio Management Situations....................... 1005
  Vittal S. Anantatmula, Western Carolina University, USA
  James B. Webb, BlueCross BlueShield, USA
Chapter 50
Effective Human Resources Management Practices in Small and Medium Enterprises: Global Perspectives of the MIST (Mexico, Indonesia, South Korea, Turkey) Economies .................................. 1023
   Anil Chandrakumara, University of Wollongong, Australia
   Pramila Rao, Marymount University, USA

Chapter 51
Evidence Based Strategic Human Capital Management: A Study on Durgapur Steel Plant (DSP) .......................................................................................................................... 1056
   Dipak Kumar Bhattacharyya, Xavier Institute of Management, India

Chapter 52
High-Performance Work Practices in Healthcare Sector ................................................................ 1075
   Panagiotis Gkorezis, Open University of Cyprus, Cyprus
   Mamas Theodorou, Open University of Cyprus, Cyprus

Chapter 53
How’s ICT Project Management Going in Portugal? ........................................................................ 1097
   David Silva, Universidade do Minho, Portugal
   Jose Angelo Pinto, Ambithus, Portugal
   Paula Gomes, INESC TEC, Portugal
   Filipa Ramalho, INESC TEC, Portugal

Chapter 54
Innovating Practices in Managing Engineering Design Projects ..................................................... 1120
   Fernando Abreu Gonçalves, CEG-IST, Portugal
   José Figueiredo, CEG-IST/DEG, University of Lisbon, Portugal

Chapter 55
Inside the Project Management Institute Setting up Change Makers for Success Based on Social Connection .............................................................. 1136
   Deborah Walker, Project Management Institute, USA
   Dave Garrett, Project Management Institute, USA

Chapter 56
IT Governance Practices of SMEs in South Africa and the Factors Influencing Their Effectiveness ...................................................................................... 1142
   Charles Boamah-Abu, University of Cape Town, South Africa
   Michael Kyobe, University of Cape Town, South Africa
Chapter 57
Managing International Information Technology Project Relationships: An Agency Theory Perspective ................................................................. 1161
  Peter Haried, University of Wisconsin - La Crosse, USA
  Chun-Lung Huang, University of Wisconsin - Milwaukee, USA

Chapter 58
Measurement of Information System Project Success in German Organizations .................. 1175
  Dominik Joosten, University of Cologne, Germany
  Dirk Basten, University of Cologne, Germany
  Werner Mellis, University of Cologne, Germany

Volume III

Chapter 59
Project Management in Library and Information Science: An Application in University Library Context .................................................................................. 1197
  Rosario Arquero Avilés, Complutense University, Spain
  Gonzalo Marco Cuenc, Complutense University, Spain
  Silvia Cobo Serrano, Complutense University, Spain
  L. Fernando Ramos Simón, Complutense University, Spain

Chapter 60
Risk Management Decisions and Organizational Structure in the Case of a Development Management Firm: Millennium Development International ........................................ 1220
  Mohammad Baydoun, Millennium Development International, Lebanon & American University of Beirut, Lebanon

Chapter 61
Social Media Use within Project Teams: Practical Application of Social Media on Projects ....... 1238
  Linky Van der Merwe, Virtual Project Consulting, South Africa

Chapter 62
Strategic Software Project Governance and Learning through Project Portfolio Management ...... 1259
  Pouyan Parvahan, Cassini Consulting GmbH, Germany
  Andreas Drechsler, University of Duisburg-Essen, Germany

Chapter 63
Teaching Software Project Management .................................................................................. 1281
  Kasi Periyasamy, University of Wisconsin – La Crosse, USA

Chapter 64
Using Data Labels to Discover Moderating Effects in PLS-Based Structural Equation Modeling ........................................................................ 1298
  Ned Kock, Texas A&M, USA
Section 5
Organizational and Social Implications

This section includes a wide range of research pertaining to the social and behavioral impact of Project Management around the world. Chapters introducing this section critically analyze and discuss trends in Project Management. Also investigating a concern within the field of Project Management is research which discusses the effect of user behavior on Project Management. With 15 chapters, the discussions presented in this section offer research into the integration of global Project Management as well as implementation of ethical and workflow considerations for all organizations.

Chapter 65
A Practitioner Based Evaluation of Project Management Knowledge and Education: The Australian Case .......................................................... 1313
Ziauddin A. Durrani, University of South Australia, Australia
Bassam Baroudi, University of South Australia, Australia

Chapter 66
A Study of a Federally Funded Project between Higher-Ed Institutions in the U.S. and Pakistan: An Intercultural Academic Project Management......................................................... 1331
Anirban Ray, University of North Carolina Wilmington, USA
Colleen A. Reilly, University of North Carolina Wilmington, USA
Jeremy W. Tirrell, University of North Carolina Wilmington, USA

Chapter 67
An Investigation of E-HRM Practices in Indian Tourism and Hospitality Industry.............................. 1350
Mohinder Chand Dhiman, Kurukshetra University, India

Chapter 68
Analysis of the Success Factors and Failure Causes in Projects: Comparison of the Spanish Information and Communication Technology (ICT) Sector............................................. 1365
Vicente Rodríguez Montequín, University of Oviedo, Spain
Sonia Cousillas Fernández, University of Oviedo, Spain
Francisco Ortega Fernández, University of Oviedo, Spain
Joaquín Villanueva Balsera, University of Oviedo, Spain

Chapter 69
Cultural Effects on Trust Building in International Projects’ Stakeholders................................. 1380
Mian M. Ajmal, Abu Dhabi University, UAE

Chapter 70
Effects of Social Media on Project Management............................................................................... 1400
Mark Sponselee, Van Aetsveld, The Netherlands

Chapter 71
Harnessing Knowledge Integration in IS Design for Innovation Facilitation.................................. 1419
Oliver Krone, Independent Researcher, Germany
Chapter 72
Risk Profiles in Individual Software Development and Packaged Software Implementation Projects: A Delphi Study at a German-Based Financial Services Company .............................................. 1441
  Stefan Hoermann, Technische Universität München, Germany
  Michael Schermann, Technische Universität München, Germany
  Marco Aust, Zielpuls GmbH, Germany
  Helmut Krcmar, Technische Universität München, Germany

Chapter 73
Strategic Human Resource Development Alignment: Conceptualization from the Employee’s Perspective ................................................................. 1460
  Ann Herd, University of Louisville, USA
  Meera Alagaraja, University of Louisville, USA

Chapter 74
Strategic Human Resource Management in Facilitating Organizational Change ......................... 1478
  Saba Çolakoğlu, Berry College, USA & Koç University, Turkey
  Yun Chung, University of Idaho, USA
  Ayşe Buyçe Tarhan, ABT Consulting, Turkey

Chapter 75
The Antecedents and Consequences of Strategic HRM in Malaysian and Philippine SMEs............. 1499
  Maria Carmen Galang, University of Victoria, Canada
  Intan Osman, Universiti Sains Malaysia, Malaysia

Chapter 76
The Effect of Organizational Commitment on Project Outcomes under Common Agency ............. 1527
  Bruce E. Hurst, Capella University, USA
  Michael H. McGivern, Capella University, USA

Chapter 77
The Relationship between Information Systems Strategy and the Perception of Project Success .......................................................... 1551
  Ralph Jonkers, CD Houten, The Netherlands
  Ronald van Rossum, Van Aetsveld, The Netherlands
  Gilbert Silvius, LOI University of Applied Sciences, The Netherlands & University of Johannesburg, South Africa

Chapter 78
The Role of Lean Production on Organizational Performance ...................................................... 1578
  Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Thailand

Chapter 79
Towards Effective Teaching in Project Management ................................................................. 1611
  Xiaohui Zhao, University of Canberra, Australia
Section 6
Managerial Impact

The 13 chapters within this section present contemporary coverage of the social implications of Project Management, more specifically related to the corporate and managerial utilization of information sharing technologies and applications, and how these technologies can be extrapolated to be used in Project Management. Equally as crucial, chapters within this section discuss how leaders can utilize Project Management applications to get the best outcomes from their governors and their citizens.

Chapter 80
Career Management and Human Resource Development of a Global, Diverse Workforce ............ 1627
    Gyongyi Konyu-Fogel, Walsh College of Accountancy and Business Administration, USA

Chapter 81
An Exploratory Study of the Current State of Career Development for Project Managers in the IT and Other Industries................................................................. 1654
    Yang Fan, Western Carolina University, USA
    Michael Thomas, Western Carolina University, USA
    Yishi Wang, University of North Carolina, USA

Chapter 82
Differentiating between Leadership Competencies and Styles: A Critical Review in Project Management Perspective .................................................................................................. 1674
    Riaz Ahmed, Bahria University, Pakistan
    Noor Azmi bin Mohamad, Universiti Teknologi Malaysia, Malaysia

Chapter 83
Enhancing Organisational Maturity with Benefits Management.................................................... 1689
    Jorge Gomes, Universidade de Lisboa, Portugal
    Mário Romão, Universidade de Lisboa, Portugal

Chapter 84
Human Capital in Malaysian SMEs: HR Practices, Uniqueness, and Value ......................................... 1704
    Kenneth Cafferkey, Universiti Tun Abdul Razak, Malaysia
    Brian Harney, Dublin City University, Ireland
    Pua Eng Teck, Universiti Tun Abdul Razak, Malaysia

Chapter 85
Managing Intrapreneurial Employees in Internationalized Services: Challenges and Opportunities ................................................................. 1721
    Maria de Lurdes Calisto, Estoril Higher Institute for Tourism and Hotel Studies, Portugal

Chapter 86
Recruiting a Project Manager: A Hiring Manager’s Perspective .......................................................... 1738
    Neelov Kar, PM Games, USA
    Subhro Mitra, University of North Texas at Dallas, USA
Chapter 87
The ISO 55 00X Asset Management Standard: What is in for Rocket Sciences’? ................. 1751
Franziska Hasselmann, University of St. Gallen (HSG), Switzerland

Chapter 88
The Project Knowledge Management Success over the Project’s Lifecycle.............................. 1775
Shazia Nauman, Lahore Leads University, Pakistan
M. Abid Ullah, SZABIST University, Pakistan

Chapter 89
The Relationship between Information Technology Governance and Information Technology Performance in Taiwanese Financial Enterprises .................................................. 1786
Ruey-Shiang Shaw, Tamkang University, Taiwan
Che-Pin Cheng, Taipei Chchengshih University of Science and Technology, Taiwan
Ta-Yu Fu, Tamkang University, Taiwan
Chia-Wen Tsai, Ming Chuan University, Taiwan
Dong-Cheng Yen, Tamkang University, Taiwan

Volume IV

Chapter 90
The Role of Business Process Reengineering in the Modern Business World ......................... 1802
Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Thailand

Chapter 91
The Synergistic Potential of Human Resource Management in Small and Medium Enterprises.... 1830
David Starr-Glass, State University of New York - Empire State College, USA

Chapter 92
Use Value and HRD and HRM Flexibility: Implications for HRD Practice .............................. 1853
Claretha Hughes, University of Arkansas, USA
DeVaughn Stephens, University of Arkansas, USA

Section 7
Critical Issues
This section contains 14 chapters, giving a wide variety of perspectives on Project Management and its implications. Within the chapters, the reader is presented with an in-depth analysis of the most current and relevant issues within this growing field of study. Crucial questions are addressed and alternatives offered along with theoretical approaches discussed.

Chapter 93
Barriers to Social Media Adoption on Projects ........................................................................ 1875
Elizabeth Harrin, Otobos Consultants Ltd, UK
Chapter 94
Best-Practice of Reducing Risk through a Culture of Total Quality Management...................... 1894
   Dennis Bialaszewski, Indiana State University, USA

Chapter 95
Challenges Faced by South African Human Resource Practitioners in Multinational
Corporations.................................................................................................................... 1905
   Nasima Mohamed Hoosen Carrim, University of Pretoria, South Africa
   Yvonne Senne, Tshwane University of Technology, South Africa

Chapter 96
Considering Sustainability in Project Management Processes .................................................. 1927
   Gilbert Silvius, LOI University of Applied Sciences, The Netherlands & Van Aetsveld, The
       Netherlands

Chapter 97
Critical Issues in E-Learning Project Management in the Context of Web Technologies
Development ................................................................................................................... 1952
   Darius Amilevičius, Mykolas Romeris University, Lithuania

Chapter 98
Factors Causing Project Cost Overrun in the Telecommunications Industry in Oman............ 1967
   Zahra A. Al Zadjali, Oman Telecommunication Company (Omantel), Oman
   Hamdi A. Bashir, University of Sharjah, UAE
   Ali A. Maqrashi, Albanah Global LLC, Oman

Chapter 99
Human Resource Management and Performance in the Hospitality Industry: Methodological
Issues................................................................................................................................. 1980
   Anastasia A. Katou, University of Macedonia, Greece

Chapter 100
Measuring Knowledge Enablers and Project Success in IT Organizations .............................. 2000
   Donald S. McKay II, Ashford University, USA
   Timothy J. Ellis, Nova Southeastern University, USA

Chapter 101
Perspectives of Big Data Analysis for Knowledge Generation in Project Management
Contexts .............................................................................................................................. 2019
   George Leal Jamil, Informações em Rede, Brazil
   Luiz Fernando Magalhães Carvalho, UFMG, Brazil

Chapter 102
Root Causes of New Hotel Opening Delays in China.............................................................. 2038
   Gert Noordzy, Northside Consulting, Macau
   Richard Whitfield, East-West Institute for Advanced Studies, Macau
Chapter 103
Social Project Management? ................................................................. 2067
Gilbert Silvius, LOI University of Applied Sciences, The Netherlands & University of
Johannesburg, South Africa

Chapter 104
The Relationships between Project Management and Knowledge Management: Where We Can
Find Project Knowledge Management in the Project Management Process ................................ 2072
Cláudio Roberto Magalhães Pessoa, Federal University of Minas Gerais, Brazil
Fabiana Bigão Silva, Federal University of Minas Gerais, Brazil
Mônica Erichsen Nassif, Federal University of Minas Gerais, Brazil

Chapter 105
Why Change Programmes Don’t Produce Change: The Case of IT-Enabled Change in Public
Service Organisations .................................................................................. 2095
Joe McDonagh, Trinity College Dublin, Ireland

Chapter 106
Why Has Project Management (PMBOK) Hindered Instead of Advanced Transformational
E-Government? .............................................................................................. 2117
Shauneen Furlong, Liverpool John Moores University, UK & University of Ottawa, Canada

Section 8
Emerging Trends
This section highlights research potential within the field of Project Management while exploring uncharted areas
of study for the advancement of the discipline. Introducing this section are chapters that set the stage for future
research directions and topical suggestions for continued debate, centering on the new venues and forums for
discussion. A pair of chapters on space-time makes up the middle of the section of the final 14 chapters, and the
book concludes with a look ahead into the future of the Project Management field. In all, this text will serve as a
vital resource to practitioners and academics interested in the best practices and applications of the burgeoning
field of Project Management.

Chapter 107
Constructive eHealth Evaluation: Involving the End-User .......................................... 2141
Anna Marie Balling Høstgaard, Aalborg University, Denmark

Chapter 108
CAMES: An Approach to Project Management Based on Action Research and the Ideal Speech
Situation .......................................................................................................... 2175
Peter Smith, University of Liverpool, UK
Olaf Cames, University of Liverpool, UK

Chapter 109
Analyzing the Roles of Human Capital and Competency in Global Business .................. 2190
Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Thailand
Chapter 110
Corporate Strategy from the Bottom: Project Portfolio Management Can Help Clarifying Your Strategy ............................................................... 2219
  Luca Romano, European School of Economics “Roma Tre” University, Italy

Chapter 111
Cross-Sector Collaboration between Business and Non-Business Actors: The Case of an ICT-Project in Brazil ................................................................. 2238
  Emilene R. Leite, Uppsala University, Sweden
  Anna Bengtson, Uppsala University, Sweden

Chapter 112
Excellence in IT Project Management: Firing Agile Silver Bullets ................................................................. 2258
  Michael Elliott, Elliott Training & Consultancy Ltd, UK
  Ray Dawson, Loughborough University, UK

Chapter 113
Extended Earned Value Management Based on Fuzzy Multi-Criteria Decision Making .......................... 2273
  Hêriş Golpîra, Islamic Azad University, Iran

Chapter 114
Grid Computing: Enabled Resource Management Models ................................................................. 2290
  Ileana Dumitru, Petroleum and Gas University of Ploiesti, Romania

Chapter 115
HRM Practices and Problems in Family-Owned SMEs ................................................................. 2304
  Burcu Özge Özaslan Çalışkan, Istanbul University, Turkey

Chapter 116
Human Resource Management in Indian Hospitality Industry: Emerging Theoretical and Practical Aspects ................................................................. 2323
  Mohinder Chand Dhiman, Kurukshetra University, India
  Amit Kumar, Kurukshetra University, India

Chapter 117
Key Success Drivers for Large High-Technology Projects: Prediction and Practice .......................... 2341
  Phil Crosby, CSIRO, Australia

Chapter 118
Radio Resource Management in Cognitive Radio Sensor Networks ................................................................. 2353
  Ayaz Ahmad, COMSATS Institute of Information Technology, Pakistan
  Sadiq Ahmad, COMSATS Institute of Information Technology, Pakistan
Chapter 119
Replacing Project Managers in Information Technology Projects: Contradictions that Explain the Phenomenon................................................................. 2375
  Kirsi Liikamaa, University of Turku, Finland
  Tero Vartiainen, University of Oulu, Finland
  Maritta Pirhonen, University of Jyväskylä, Finland
  Heli Aramo-Immonen, Tampere University of Technology, Finland

Chapter 120
Transferring Data to Wisdom in Project Management: Project Management Office .................. 2395
  Dragana Milin, University of Novi Sad, Serbia

Index.................................................................................................................................................. xxix