

Table of Contents

Foreword	xv
Preface	xvi
Acknowledgment	xx
Chapter 1	
Using Technology and Innovation to Streamline Agile Project Management	1
<i>Vannie Naidoo, University of KwaZulu-Natal, South Africa</i>	
<i>Thokozani Ian Nzimakwe, University of KwaZulu-Natal, South Africa</i>	
Chapter 2	
Agile Project Management in International Logistics Operations	22
<i>Armand Faganel, University of Primorska, Slovenia</i>	
<i>Aleksander Janeš, University of Primorska, Slovenia</i>	
Chapter 3	
Agile Project Management: Experience and Adoption	44
<i>Rahul Verma, Delhi University, India</i>	
Chapter 4	
Project Success Criteria, Critical Success Factors (CSF), and Agile Projects	52
<i>Canser Bilir, Istanbul Sabahattin Zaim Universitesi, Turkey</i>	
Chapter 5	
Machine Learning and Data Science Project Management From an Agile Perspective: Methods and Challenges	73
<i>Murat Pasa Uysal, Baskent University, Turkey</i>	
Chapter 6	
Effective Agile Project Leadership Through Competency-Based Self-Reflection	89
<i>Fanny Saruchera, University of the Witwatersrand, South Africa</i>	

Chapter 7

A Quantitative Study of Waterfall and Agile Methodologies With the Perspective of Project Management..... 111

Kenish Rajesh Halani, Manipal University Jaipur, India

Kavita Jhajharia, Manipal University Jaipur, India

Chapter 8

The Role of an Agile and Lean Project Management Toolkit for Assisting E-Learning Project Management Teams in Multi-National Organisations: Accounting for Inter-Organisational Architecture, Culture, Agility, and Change in Legacy Systems..... 134

Jonathan Bishop, Crocels Community Media Group, UK

Kamal Bechkoum, University of Gloucestershire, UK

Chapter 9

eXtreme Programming, Agile Methodologies, Software Project Management, Customer Role, Rigorous Testing 163

Kamalendu Pal, City, University of London, UK

Chapter 10

Implication of Budgeting on Contemporary Project Management..... 183

Poonam Rani, J B Knowledge Park, India

Sangeeta Dharyan, K. L. Mehta Dayanand College for Women, India

Chapter 11

Exploring the Broad Underlying Principals That Govern Project Management 201

Saad Darwish, Kingdom University, Bahrain

Rahul Verma, Delhi University, India

Chapter 12

The Effects of COVID-19 and Disasters on Scheduling Function in Mega-Projects 220

Vannie Naidoo, University of KwaZulu-Natal, South Africa

Chapter 13

A Case Study of Knowledge Management and Organizational Culture in an Undergraduate Software Development Team Project..... 241

Kamalendu Pal, City, University of London, UK

Chapter 14

How Does Terrorism Change the Business Landscape for Firms? A New Framework for
Analyzing Risks 267
Luis Alfonso Dau, Northeastern University, USA
Elizabeth M. Moore, Northeastern University, USA
Max Abrahms, Northeastern University, USA

Compilation of References 294

About the Contributors 348

Index..... 351