# Table of Contents

Foreword .............................................................................................................................................. xvi

Preface ............................................................................................................................................... xviii

Acknowledgment ............................................................................................................................... xxvi

## Section 1
### Defining Lessons Learned

**Chapter 1**
Lessons Learned: Theory and Practice ........................................................................................... 1  
   Irene Kitimbo, McGill University, Canada

**Chapter 2**
Learning Lessons for Organizational Learning, Process Improvement, and Innovation ................. 24  
   Susan G. McIntyre, Defence Research and Development, Canada

**Chapter 3**
Essential Stages of the Lessons Learned Process ............................................................................... 41  
   Perry Paul, Lessons Learned Consultant, Canadian Armed Forces (Retired), Canada

## Section 2
### Good Practices in Lessons Learned

**Chapter 4**
Operationalization of the Lessons Learned Process: A Practical Approach ........................................ 63  
   Peter Avis, Retired Officers of the Department of National Defence, Consultants, Canada  
   Joe Sharpe, Retired Officers of the Department of National Defence, Consultants, Canada

**Chapter 5**
Proactive Review ................................................................................................................................. 82  
   Ditte Kolbaek, Aalborg University, Denmark
Chapter 6
A Model for Evidence-Based Learning through Lesson-Learning Systems: Examples from the Oil and Gas Sector ................................................................. 101
Nicholas John Milton, Knoco Ltd, UK

Chapter 7
A Lessons Learned Assessment Approach: The Role of Technology through User Requirements... 117
Pierrette Champoux, Champoux Williams Consultants Inc., Canada

Chapter 8
A Lessons Framework for Civil-Military-Police Conflict and Disaster Management: An Australian Perspective................................................................. 152
Mellisa Bowers, Australian Civil-Military Centre, Australia
Gwen Cherne, Australian Civil-Military Centre, Australia

Chapter 9
Moving the Ball Down the Field: Improving the USAF’s Pacific Air Forces ......................... 172
Mark Reid, The MITRE Corporation, PACAF/A9, USA
Dan Ashcraft, HQ Pacific Air Forces, PACAF/A9L, USA

Chapter 10
Using Stories to Institutionalize Lessons Learned: How to Better Remember and Learn from the Past ...................................................................................... 188
Kimiz Dalkir, McGill University, Canada

Chapter 11
A Proposed Analytical Framework for Canadian Whole-of-Government Lessons Learned......... 202
Susan G. McIntyre, Defence Research and Development, Canada

Section 3
Critical Success Factors

Chapter 12
Common Pitfalls and Shortcomings of Lessons Learned Programs: Evidence from an Online Survey ......................................................................................... 221
Ian Fry, Knoco Australia Pty Ltd, Australia

Chapter 13
Senior Leadership and Lessons Learned in the Australian Defence Organisation .................. 234
Saša Baškarada, Defence Science and Technology Organisation, Australia
Jamie Watson, Defence Science and Technology Organisation, Australia
Jason Cromarty, Defence Science and Technology Organisation, Australia
Chapter 14
The Role of Organizational Culture in the Success of Changing Behaviour .......................................................... 267
  Ian Nicholls, Consultant, Canadian Armed Forces (Retired), Canada
  Perry Paul, Lessons Learned Consultant, Canadian Armed Forces (Retired), Canada

Chapter 15
Conclusion and Future Directions .......................................................................................................................... 281
  Kimiz Dalkir, McGill University, Canada
  Susan G. McIntyre, Defence Research and Development, Canada

Compilation of References ...................................................................................................................................... 295

About the Contributors .......................................................................................................................................... 316

Index .................................................................................................................................................................... 321