Contents

1 Introduction and Summary 1
   Introduction  1
   Workshop Highlights—The Context  2
   Workshop Highlights—The Technologies  15

2 Organization and Planning Requirements: Lessons Drawn from Past Operations 23
   Introduction  23
   Organizational Requirements  23
   Information/Intelligence  24
   Command and Control  24
   Operations  24
   Organizational Applications  25
   Force Strength  27
   Planning Requirements  27
   Requirements  28
   Command and Control  28
   Logistics  28
   Public Relations  28
   Operational Procedures  28
   The Legal Aspects  28
   Budget and Finance  29
   Concluding Remarks  29

3 Case Study: The Multilateral Force in The Sinai 31
   The Multinational Force and Observers  31
   Technology in the Structure of Treaty CBMs  34
   Training Programs  36
4 Extended Peacekeeping: Planning and Technical Requirements: Lessons from Recent Operations 41
   Introduction 41
   Peacekeeping and Peace-Enforcement 42
   International Intervention in Somalia 43
   The United Nations in Former Yugoslavia 47
   Peacekeeping on the Ground, Peace-Enforcement from the Air 49
   Conclusions 50

5 Lessons from Cambodia: Strengthening United States Intervention 53
   The Challenge for Peacekeeping 53
   The Use of Force 54
   Supporting Enhanced United Nations Intervention 55

6 New Zealand and Collective Security 63
   Introduction 63
   Thorough Preparation Pays Off 64
   Future Operations Require Similar Commitment 64
   International Commitment is Constantly Tested 65
   International Consensus Exists 65
   Smaller Countries also Play a Vital Role 66
   The Peacekeeping Process Needs Reexamination 68
   Put Peacekeeping Operations in Perspective 68

7 Peace Enforcement Organizational Planning and Technical Requirements 69
   Lessons from Recent Operations 69
   Peace Enforcement Lessons 70
   Peacekeeping Definitions 70
   The UN Charter 70
11 Mine Problems in Peacekeeping Operations 99
   Introduction 99
   What is a Mine? 99
   The Implications of Today’s Demining Efforts 103
   What Can We Do? 103
   The Correct Use of Technology and the Correct Use of Hope 104

12 Technologies to Support Peacekeeping Operations 105
   Introduction 105
   Background 106
   Sensors 106
   Mine Detection/Clearing 108
   Non-Lethal Weapons 110
   Planning 111
   Intimidate/Persuade 111
   Perception/Reality of Invincibility 111
   Immobilizing Engines of War 112
   Remove Infrastructure 112
   Neutralize Personnel/Temporary Incapacitation of Combatants 112
   Summary of Non-Lethal Weapons 112
   Conclusion 114

13 Non-Lethal Weapons: A Synopsis 115
   Purpose 115
   Aim 115
   Background 115
   Definition and Classification 116
   Utility 117
   Types of Forces that Might be Equipped 118
   An Approach to Using NLW 123
Factors and Principles Governing NLW Use  124
Principles  125
Selection of Non-Lethal Technologies  125
Interoperability  125
Logistics and Training  125
Summary  126
Conclusions  126

14 The Role of Technology in Peace Operations  127
Introduction  127
Policy Framework  128
Sensor Systems for Peacekeeping and Peace Enforcement  128
Less-than-Lethal Weapons  129
Mine Clearance  130
Conclusion  131

Appendix A: Workshop Agenda  133
Workshop on Improving the Prospects for Future Peace Operations: Tactics, Technology, Training  133

Appendix B: Advisory Panel  135