

CONTENTS

List of figures and tables xi

List of contributors xii

Introduction 1

Peter Tatham and Martin Christopher

01 An improvement process for process improvement: quality and accountability in humanitarian logistics 19

Paul Larson

Abstract 19

Humanitarian logistics 20

Process management 22

The need for standards 23

Standards in humanitarian relief 25

Issues about standards 30

A process for process improvement 31

Summary 33

References 34

Appendices 36

02 Impacts of funding systems on humanitarian operations 41

Tina Wakolbinger and Fuminori Toyasaki

Abstract 41

Introduction 41

Structure of funding systems 42

Impacts of financial flows on disaster response 44

Incentives provided by donors 48

Summary and recommendations 51

Acknowledgement 53

References 53

03 Information technology in humanitarian supply chains 57

Martijn Blansjaar and Fraser Stephens

Abstract 57

Introduction 57

HELIOS in Oxfam 59

HELIOS in the sector 66

Meeting the challenge 73

Conclusion/need for further research 75

References 76

04 Cracking the humanitarian logistic coordination challenge: some pointers from the International Search and Rescue Advisory Group and the Foreign Medical Teams 77

Peter Tatham and Karen Spens

Abstract 77

Introduction 78

INSARAG 79

Foreign Medical Teams 83

The humanitarian logistic challenge 84

The challenges of applying the INSARAG/FMT model to HL 85

Summary 92

References 93

05 Humanitarian logistics and the cluster approach: global shifts and the US perspective 97

Nezih Altay and Melissa Labonte

Abstract 97

Introduction 98

Background 99

Change afoot – the cluster approach and implications for humanitarian logistics 102

Business as usual or...? 104

US perspectives on humanitarian logistics, the CA and the LC 107

Conclusion 110

Notes 112

References 112

06 The increasing importance of services in humanitarian logistics 115

Graham Heaslip

Abstract 115

Introduction 115

Background to service operations 116

Servitization in humanitarian logistics 117

Service developments in humanitarian logistics 118

Research opportunities in applying services management
theory to HL 121

Concluding remarks 125

References 125

07 The 2004 Thailand tsunami and the April 2012 tsunami warning: were lessons learned? 129

*Stephen Pettit, Anthony Beresford, Michael Whiting, Ruth
Banomyong and Sylvie Beresford*

Abstract 129

Introduction 130

What happened on 26 December 2004? 131

Hazard event response in Thailand 133

11 April 2012 case event 137

Emergency response: a field survey 144

Conclusions 145

References 148

08 The journey to humanitarian supply network management: an African perspective 151

Paul Buatsi and Charles Mbohwa

Abstract 151

Types of disasters 152

Critical success factors in the context of humanitarian
aid supply chains 158

Disaster risk management and contingency
planning in Africa 159

Institutional frameworks and policies 161

Multiplicity of actors: the critical roles of inter-agency
communication, collaboration and coordination 162

The role of technology in humanitarian logistics
in Africa 163

Human capacity building for disaster risk management in Africa	165
Challenges of humanitarian logistics in Africa	167
Conclusion	168
Acknowledgement	169
References	169

09 Emergency preparedness: experience of international humanitarian organizations in Southeast Asia 175

Qing Lu, Mark Goh and Robert de Souza

Abstract	175
Introduction	176
Literature review and research gaps	177
Research methodology	179
Results	180
Conclusion	186
References	187

10 Humanitarian logistics professionalism 189

David Moore, Dorothea Carvalho and David Taylor

Abstract	189
Context and background	189
Challenges of, and for, humanitarian logistics	191
Professionalism	195
Professionalism in humanitarian logistics practice	201
Gaining knowledge: the basis of professionalism in humanitarian logistics	203
Professionalism: a cross-sector approach	206
Professionalism: the response for, and of, humanitarian logistics	207
Summary	211
Conclusion	212
References	213

11 What next for humanitarian logistics? 215

George Fenton, Mike Goodhand and Rebecca Vince

Abstract	215
Introduction	215
The right product	216
The right cost	219

The right place 220
 The right time 223
 The 'hybrid logistician' 226
 Notes 232
 References 233

12 The impossible interface? Combining humanitarian logistics and military supply chain capabilities 235

Jersey Seipel and Graham Heaslip

Abstract 235
 Introduction 236
 Humanitarian and military logistics 237
 Humanitarian principles and ideology 239
 A strategic-level decision 241
 Military involvement in disaster relief phases 242
 Preparation 242
 Immediate response 243
 Reconstruction 243
 Collaboration 244
 The joint logistics and supply chain interface: function defines form? 245
 Recommendations 251
 Conclusion 253
 References 254

13 Disaster agencies and military forces: not such strange bedfellows after all! 257

Tim Cross

Abstract 257
 Introduction 258
 From cold to hot wars: the growth in humanitarian operations/complex emergencies 259
 The turning point 260
 The players and their roles 260
 The good, the bad and the ugly 262
 Accept these realities – and move on 266
 There is more to this than war-fighting and military victories 268
 Both sides need each other 269
 So what? The need for a widely understood doctrine 270
 The example of logistic supply chains 271
 The time for change is now 272
 References 273

14 Where next? The future of humanitarian logistics 275

Gyöngyi Kovács

Abstract 275

Introduction 275

Looking back to looking forward: steps since the
first edition 276

Where next? 279

Concluding remarks 282

Acknowledgements 283

References 283

Index 287