

CONTENTS

UNIT I: *Overview of Disaster Preparedness* 1

- 1 Overview of Disaster Preparedness and Considerations for Vulnerable Populations 2
Joanne C. Langan • Colleen Kelly Starkoff

UNIT II: *Stages of Disaster Response* 19

- 2 Disaster Management Agencies and Organizations, Disaster Preparedness and Response Systems, Structures, Logistics, and Resources 20
Sally Shipman
- 3 Preparedness and Mitigation 37
Charleen C. McNeill • Lavonne M. Adams • Rhonda K. Cooke
- 4 Disaster Response, Triage, and Decontamination 61
Joanne C. Langan • Rhonda K. Cooke • Helen Passafiume-Sandkuhl
- 5 Recovery: Promoting Behavioral Health 81
Dorcas McLaughlin • Jody Spess • Janice L. Palmer

UNIT III: *Nursing Roles in Disasters and Public Health Emergencies* 110

- 6 Role of the General Professional Nurse 111
Charleen C. McNeill • Lavonne M. Adams • Lisa S. Conlon • Donna M. Dorsey
- 7 Role of the Advanced or Specialized Nurse in Public Health, Advanced Practice, and Military Service 133
Alice Yuen Lok • Yooni Jung • Xiaorong Mao • Chunlan Guo

UNIT IV: *Actual Disasters and Public Health Emergencies* 150

- 8 Natural Disasters 151
Joanne C. Langan • Chrystal R. Ginton
- 9 Preparedness and Response to Radiological Emergencies 171
Robert P. Lavin • Laura Mangano • Tamer Goodwin Veerama • Sandy J. Cobb
- 10 Chemical Disasters 194
Karen Hammett
- 11 Biological or Infectious Disease Outbreaks 211
Samah Hawrawi
- 12 Human-Made Disasters 224
Joanne C. Langan • Jeff F. Evans

UNIT V: <i>Anticipating the Future: Brainstorming Exercises</i>	237
13 Anticipating the Future: Hazard Vulnerability Analysis and Resource Assessment	238
Joanne C. Langer	
14 Exercises and Drills	248
Levonne M. Adams	
Appendix A Core Competencies in Disaster Nursing, Version 2.0	262
Appendix B Sample List: Readiness Resources and Toolkits	266
Appendix C Test Answers	270
Index	297