

Table of contents

Contributors ix

Introduction xiii

Section 1 Training 3

1.1 An Introduction to the Incident Command System 5

Lori A. Swenson, BSME, EMT-P

1.2 Leadership during a Disaster 15

Eugene A. Adkins, DVM

1.3 Communications 21

Lori A. Swenson, BSME, EMT-P

1.4 Basic Map, Compass, and Global Positioning System Skills 31

Sally B. Palmer, DVM

1.5 Records and Animal Identification 73

Lori A. Swenson, BSME, EMT-P

1.6 Veterinary Risk Assessment of the Disaster Site 85

Wayne E. Wingfield, MS, DVM

1.7 Risk Communication and Dealing with the Media 93

Wayne E. Wingfield, MS, DVM

1.8 Biosecurity Fundamentals for Animal Response Personnel in a Farm/Livestock Disaster
101

Wayne E. Wingfield, MS, DVM, and Anthony P. Knight, BVSc, MS

1.9 Veterinary Triage 111

Wayne E. Wingfield, MS, DVM

1.10 Introduction to Weapons of Mass Destruction 123

Jerry J. Upp, DVM

1.11 Zoonoses and Zoonotic Diseases 135

Sherrie L. Nash, MS, DVM, Sally B. Palmer, DVM, and Wayne E. Wingfield, MS, DVM

1.12 Public Health 197

William R. Ray, BS

1.13 Hazardous Materials 205

Lori A. Swenson, BSME, EMT-P

1.14 Personal Protective Equipment 215

Thomas F. Pedigo, MSc, PA-C

1.15 Basic Veterinary Decontamination: Who, What, Why? 231

Lisa A. Murphy, VMD

1.16 Wildlife Handling 239

Sally B. Palmer, DVM

1.17 Domestic Animal Handling 257

Sally B. Palmer, DVM

1.18 Small Animal First Aid 279

Wayne E. Wingfield, MS, DVM

1.19 Large Animal First Aid 301

Sally B. Palmer, DVM

1.20 Equine Emergency Sheltering 325

Rebecca S. McConnico, DVM, PhD

1.21 Companion Animal Sheltering 335

Renée A. Poirrier, DVM

1.22 Disinfection of Avian, Large, and Small Animal Facilities 343

David C. Van Metre, DVM, and Paul S. Morley, DVM, PhD

1.23 Pain Management in Veterinary Disaster Medicine 359

Marc R. Raffe, DVM, MS

1.24 Humane Euthanasia of Animals 367

Wayne E. Wingfield, MS, DVM

1.25 Carcass Disposal following a Veterinary Disaster 391

Ryan Gordon Leon Murphy, MS, and Anthony P. Knight, BVSc, MS

Section 2 Planning 405

2.1 Elements of a Disaster Plan for Animals 407

Anthony P. Knight, BVSc, MS

2.2 Disaster Planning for Private Practice 413

Dirk B. Yelinek, DVM

2.3 Community Animal Emergency Planning 425

Kevin M. Dennison, DVM

2.4 State Response to Veterinary Disasters 435

Terry K. Paik, DVM

2.5 State Animal and Agricultural Emergency Programs (Including State Animal Response Team [SART] Programs and State Veterinary Medical Reserve Corps [VMRC]) 447
Kevin M. Dennison, DVM

2.6 Federal Response to Veterinary Disasters 457
Lorna L. Lanman, DVM

2.7 Military Role in Veterinary Disaster Response 473
Gary L. Stamp, DVM, MS

Section 3 Preparation 479

3.1 Family versus Business during a Disaster 481
Joan C. Casey

3.2 Preparing Your Practice for an Impending Disaster 487
Gregory A. Rich, DVM

3.3 Preparing the Farm and Animals for a Disaster 495
Wayne E. Wingfield, MS, DVM

3.4 Noah's Burden: A Prolegomenon to the Ethics of Veterinary Disaster Response 501
Bernard E. Rollin, PhD

Section 4 Recovery 509

4.1 Care for the Caregiver: Psychological and Emotional Factors in Veterinary Disaster Response 511
Dennis Michael Baker, MA, LPC, and P. J. Havice-Cover, MA, LPC, CAC III

4.2 Disaster Assistance for Homeowners, Renters, and Business Owners 519
Eugene A. Adkins, DVM

4.3 American Veterinary Medical Foundation: Disaster Assistance 529
Wayne E. Wingfield, MS, DVM

Emergency Response Contacts Directory 535

Index 541