

Contents

Series Preface	vii
Acknowledgments	ix
1. The Logic of the Inventory	1
The Legacy of the Past	1
What Is a Disaster?	6
The Search Process	7
A Conceptual Taxonomy	9
Limitations and Risks	10
An Overview	16
Selected Bibliography	18
2. Planning	21
IA. Individual System Level	22
IA1. Event Variation	22
IA2. Public Acceptance of Planning	23
IA3. Public Preparation	24
IA4. Public Belief in Disaster Myths	25
IIA. Group System Level	26
IIA1. Life Cycles of Emergent Groups	26
IIA2. Family Disaster Planning	27
IIA3. Family Willingness to Participate in Preparedness Activities	28
IIA4. Looting Fears	28

III A.	Organizational System Level	29
III A1.	General Principles	29
III A2.	Local Emergency Management—Civil Defense Agencies	31
III A3.	Hospital—Medical Units	36
III A4.	First Responders	37
III A5.	Mental Health Agencies	39
III A6.	Media Organizations	41
III A7.	Schools	42
IV A.	Community System Level	42
IV A1.	The Planning Payoff	44
IV A2.	Event Variability	45
IV A3.	Planning Principles	46
IV A4.	Unique Requirements of Disaster Planning	49
IV A5.	Community Mental Health Planning	51
IV A6.	Major Planning Weaknesses	53
IV A7.	Variability in Extent of Planning	54
IV A8.	Community Acceptance of Planning	57
V A.	Society System Level	60
V A1.	System Variation	60
V A2.	System Complexity	61
V A3.	System Changes	62
V A4.	System Outputs	63
V I A.	International System Level	64
	Selected Bibliography	67
3.	Warning	70
IB.	Individual System Level	71
IB1.	Disaster Warnings as a Social Process	71
IB2.	Initial Responses	72
IB3.	Message Qualities	74
IB4.	Receiver Qualities	76
IB5.	Confirmation Behavior	82
IIB.	Group System Level	83
IIB1.	Group Impacts on Warning Belief	84
IIB2.	Confirmation and Coalescing Behavior	84
IIB3.	Earthquake Prediction Responses	87
IIIB.	Organizational System Level	88
IIIB1.	Correlates of Organizational Response	89
IIIB2.	Organization—Public Interface	90
IVB.	Community System Level	91
IVB1.	Community Variation in Warning System Composition	92

IVB2. Correlates of Community Response	93
VB. Society System Level	94
VB1. Warning Systems within the U.S.A.	94
VB2. Warning Systems Outside the U.S.A.	96
VIB. International System Level	97
Selected Bibliography	97
4. Evacuation and Other Forms of Pre-Impact Mobilization	100
IC. Individual System Level	101
IC1. Pre-evacuation Responses	101
IC2. Evacuation Rates and Reasons	103
IC3. Receiver Qualities	105
IC4. Message Qualities	112
IIC. Group System Level	113
IIC1. Group Interactions	113
IIC2. Families as Evacuation Units	114
IIC3. Shelter Selections	117
IIIC. Organizational System Level	119
IIIC1. Organizational Leadership in Evacuations	120
IIIC2. Organizational Structure and Evacuation Effectiveness	121
IIIC3. Media Organization Responses	122
IVC. Community System Level	123
IVC1. Community Dynamics	123
IVC2. Disaster Subcultures	125
IVC3. Public Shelter Use	125
VC. Society System Level	127
VC1. Natural Disaster Evacuations	127
VC2. War-Caused Evacuations	128
VIC. International System Level	128
Selected Bibliography	129
5. Post-impact Emergency Actions	132
ID. Individual System Level	132
ID1. Victim Reactions	133
ID2. Non-Victim Actions	142
ID3. Emotional Responses	146
IID. Group System Level	151
IID1. Family Responses	152
IID2. Emergent Group Responses	154
IIID. Organizational System Level	157

IIID1. Initial Responses	158
IIID2. Emergent Organizations	160
IIID3. Stress Effects	162
IIID4. Correlates of Effectiveness	163
IIID5. Media Organization Responses	165
IIID6. Medical Organization Responses	170
IVD. Community System Level	172
IVD1. Global Community Response Patterns	172
IVD2. Correlates of Effectiveness	178
IVD3. Community Solidarity	179
IVD4. Interorganizational Relations	182
IVD5. Emergency Medical Systems	188
IVD6. Handling of the Dead	189
VD. Society System Level	191
VID. International System Level	194
VID1. Societal Response Differences	194
VID2. International System Responses	196
Selected Bibliography	198
6. Restoration	200
IE. Individual System Level	201
IE1. Victim Perceptions of the Recovery Process	202
IE2. Victim Health Status	204
IIE. Group System Level	209
IIE1. Differential Participation in the Therapeutic Community	210
IIE2. Relatives as Help Sources	211
IIE3. Shelter Behaviors	212
IIE4. Correlates of Family Recovery	212
IIIE. Organizational System Level	214
IIIE1. The Recovery Environment	214
IIIE2. Emergent vs. Routine Task Structures	216
IIIE3. Mental Health Impacts	218
IIIE4. Media Responses	222
IVE. Community System Level	223
IVE1. Dynamics of the Mass Assault	223
IVE2. Rise and Demise of the Synthetic Community	227
IVE3. Community Conflict Patterns	229
IVE4. Looting	231
IVE5. Recovery Differentials	233
IVE6. Pressures for Normalcy	234
IVE7. Social Impacts	237

VE.	Society System Level	238
VE1.	Relief Differentials	239
VE2.	Relocation	240
VIE.	International System Level	241
VIE1.	Public Health Myth	242
VIE2.	Societal Response Differences	243
VIE3.	International System Responses	244
	Selected Bibliography	247
7.	Reconstruction	250
IF.	Individual System Level	251
IF1.	Findings of Continuity and Positive Impacts	252
IF2.	Findings of Negative Impacts	256
IF3.	Findings Suggesting Variation in Impact	265
IF4.	Children as Victims	271
IF5.	Secondary Victims	273
IF6.	Treatment Orientations	273
IIF.	Group System Level	274
IIF1.	Disaster Impacts on Family Functioning	274
IIF2.	Alterations in Family Recovery Capacity	278
IIF3.	Correlates of Family Adjustment	279
IIIF.	Organizational System Level	283
IIIF1.	Organizational Change: Global Patterns	284
IIIF2.	Organizational Change: Adoption of Innovations	285
IIIF3.	Organizational Change: Image Alterations	287
IIIF4.	Emergent Organizations	288
IIIF5.	Mental Health Needs Assessments and Impacts	289
IVF.	Community System Level	291
IVF1.	Blame Assignment Processes	291
IVF2.	Disaster-Induced Community Change	293
IVF3.	Housing and Reconstruction Planning Problems	298
VF.	Society System Level	303
VIF.	International System Level	308
VIF1.	Dynamics of the Recovery Process	308
VIF2.	Societal Variations	312
	Selected Bibliography	316
8.	Hazard Perceptions	319
IG.	Individual System Level	320
IG1.	Hazard Awareness and Salience	320
IG2.	The Role of Experience	323

IG3. Other Correlates of Hazard Perception	327
IIG. Group System Level	331
IIIG. Organizational System Level	332
IIIG1. Hazard Perceptions Among Organizational Executives	332
IIIG2. Public Education Efforts	334
IIIG3. Media Organizations: Coverage and Influence	336
IVG. Community System Level	338
IVG1. Community Variations in Threat Perceptions	338
IVG2. Disaster Subcultures	339
VG. Society System Level	340
VIG. International System Level	342
VIG1. Societal Comparisons	343
VIG2. Media Reporting	345
Selected Bibliography	346
9. Attitudes toward and the Adoption of Adjustments	348
IH. Individual System Level	349
IH1. Hazard Adjustments: Impacts and Perceptual Patterns	349
IH2. Adoption of Hazard Insurance	352
IH3. Attitudes toward Earthquake Predictions	356
IH4. Other Adjustments	358
IIH. Group System Level	360
IIIH. Organizational System Level	360
IIIH1. Hazard Manager Actions	360
IIIH2. Earthquake Disclosure Legislation	361
IIIH3. Hazard Insurance	362
IIIH4. Public Education	363
IVH. Community System Level	364
IVH1. The Impact of Disaster Experience	364
IVH2. Correlates of Community Adoption of Hazard Mitigation Adjustments	367
IVH3. Anticipating Opposition	371
VH. Society System Level	373
VH1. Factors Affecting Vulnerability	374
VH2. Trends in Mitigation Policy	377
VH3. Evaluations of Program Outcomes	380
VH4. Predicting the Adoption of Risk Mitigation Adjustments	383
VH5. Disaster Relief Policies and Outcomes	389
VH6. Factors Influencing Research Applications	393

VIH.	International System Level	395
VIH1.	Projections of Disaster Vulnerability	395
VIH2.	Disaster Assistance	397
VIH3.	Intersocietal Comparisons	399
	Selected Bibliography	404
10.	Disaster Research: A Strategic Research Site	406
	The Progress of a Decade	406
	Priorities for the Future	415
	Opportunities for Policy and Application	416
	Candidates for Model Building	418
	Areas Requiring Exploration	419
	Payoffs for Sociological Theory	420
	Master Bibliography	423
	Author Index	481
	Subject Index	499