

Index

Symbols

911 52–53, 65, 75, 81, 115, 161, 179

A

abducted children 57 *See also* abduction

abduction 22, 64, 156, 191–197, 298

action plan 262, 263, 277, 284 *See also* Incident Action Plan (IAP)

agency executive or administrator 281

agency representative 281

air-scent dogs *See* dogs, types of

alcoholics 57 *See also* substance abuse

allocated resources 281

all terrain vehicles (ATVs) 46

Alzheimer's disease 19, 20, 23–24, 57, 60, 65, 96, 154, 160–189, 217

agnosia 165–167

aphasia 165–171

apraxia 165, 171–172, 174

caregivers 182

catastrophic reaction 179

cognitive mapping 172

dysphagia 174

incontinence 181

sundowning 173

treatment 181–182

violence 179–180

wandering 175–176

Alzheimer, Alois 161, 318

Alzheimer's Association 175, 176 *See also* Safe Return®

AMBER Alert 56, 64, 65, 194, 302

Area Command 281

area dogs *See* dogs, types of: air-scent

assigned resources 281

assignments 127, 136, 282

attraction 132

audible 132

visual 132

attractive destinations 124

autism 156, 160, 245–248
autistic 155 *See also* autism
available resources 282

B

Be On the Look Out (BOLO) *See* BOLO
bicycles 46, 137 *See also* bicycle units
bicycle search 137
bicycle units 122, 148
bloodhound *See* dogs, types of: trailing dogs
BOLO 27, 29, 54, 56, 59, 120, 148, 297
Boyer, Christopher xiii, 318
branch 282
briefing 128, 144
Brown, Katherine 318
building search 137–141

C

cadaver dogs *See* dogs, types of
Caldwell, Marianne Dickerman 318
California Penal Code Section 14205 60, 299
call out *See* urban search, stages of: call out additional resources (stage 3)
camp 282
canine search 133–135
caregivers 182, 257
Care Trak 176, 257 *See also* electronic tracking systems
Castleman, Michael 318
catastrophic reaction *See* Alzheimer's disease
chain of command 282
Check-in 112, 282
children 24, 57, 100, 124, 156, 160, 190–210, 223 *See also* missing and
abducted children
 age 1–3 200–202
 age 4–6 203–206
 age 7–12 207–210
clue log 307
clue management 126 *See also* tactics
clue report 308
clues 110
cognitive mapping 172 *See also* Alzheimer's disease
Colwell, Martin 318

Command 276 *See also* incident commander (IC)
command post (CP) 41, 45, 69, 74, 110, 111–114, 127, 129, 282, 283, 284
command staff 282
communications 45, 67, 74, 76, 127
Community Alert Network, Inc. (CAN) 62, 64
community awareness programs 257
containment 70, 111, 122–123, 136, 137, 139, 141 *See also* tactics
Cook, Mike 318
Cooper, Donald C. 318
Cornell, Ed 154
criminal 109, 241, 256
Critical Incident Stress Debriefing (CISD) 36, 51, 71

D

data *See* missing person behavior
debriefing 149
decomposition dogs *See* cadaver dogs
dementia 23, 57, 94, 156, 161–189, 309
 Alzheimer's disease *See* Alzheimer's disease
 diffuse Lewy body dementia 162
 frontotemporal dementia 162
 vascular dementia 162
 Binswanger's disease 162
 multi-infarct 162
Dementia Evaluation Form 309–317
depression 156, 211, 212, 217, 218, 233–236, 251 *See also* despondent
deputy 69, 277, 283
despondent 25, 57, 93, 156, 211–221
Diagnostic and Statistical Manual of Mental Disorders 163, 318
disaster 4, 135, 276
disaster dogs *See* dogs, types of
dispatch 69, 283
distance from IPP 157, 188, 201, 204, 208, 220, 230, 243, 247, 253
division 277, 283, 284
documentation 100, 126, 146 *See also* interview and clue forms
dogs, types of
 air-scent dogs 37, 133–135, 141, 189, 202, 206, 210, 221, 231, 244, 248, 254
 cadaver dogs 38, 135
 confined-space dogs *See* disaster dogs
 decomposition dogs *See* cadaver dogs
 disaster dogs 38, 133, 135
 evidence dogs 38, 135

forensic dogs *See* cadaver dogs
police K-9 dogs 38, 133, 135
scent discrimination dogs *See* trailing dogs
tracking dogs 189, 202, 206, 209, 221, 231, 244, 248, 254 *See also* dogs,
types of: police K-9 dogs
trailing dogs 37, 82, 121, 133, 134, 139, 182, 231
water dogs 38

door-to-door canvassing 141–147
drug users 57 *See also* substance abuse
dumpster diving 147
dysphagia *See* Alzheimer's disease

E

ecoregions 5
efficient search (type II) *See* field searching
elderly 20, 57, 229, 257
electronic tracking systems 257
Emergency Operations Center (EOC) 283
emergency telephone notification system 62–64, 189, 202, 205, 209, 231, 248,
301 *See also* Telephone Emergency Notification System (TENS)
equine resources *See* horses
evidence dogs *See* dogs, types of
evidence search *See* searches, other types of

F

facilities 74, 283
family liaison officer 151
Federal Emergency Management Agency (FEMA) 3, 274
Feeny, Jed 154
field equipment 47
field searching 129
 efficient search (type II) 131
 hasty search (type I) 70, 120, 129
 thorough search (type III) 131
Finance/Administration 276
find location 158, 188, 201, 204, 208, 220, 230, 243, 247, 253
first operational period 149, 260, 263 *See also* management training
FLIR 46, 136
forensic dogs *See* dogs, types of: cadaver dogs
function 283

G

- general staff 283
- Geographic Information System (GIS) 31
- Global Positioning System (GPS) 44, 53, 114, 127, 130, 275 *See also* maps
- grid search 27, 131 *See also* field searching: thorough search (type III)
- ground search 130
- group 283

H

- handler, dog 82, 133–135
- Hanfland, Kenneth A. 319
- hasty search *See* field searching
- hazard 284 *See also* hazards
- Hazard Risk Chart 295
- hazards 17, 22, 124, 183, 301
- HAZMAT 274
- helicopters 46, 122
- Heth, Don 154
- high-rise buildings 8, 9
- Hill, Kenneth A. 154, 319
- horses 38–40, 46 *See also* mules

I

- incident 284, 301 *See also* multi-jurisdictional incident
- Incident Action Plan (IAP) 284
- Incident Base (SAR Base) 284
- Incident Commander (IC) 70, 151, 163, 169, 276, 277, 282, 283, 284, 286
- Incident Command System (ICS) xi, 111, 193, 194, 258, 273–280, 284
- incident objectives 285
- incontinence *See* Alzheimer's disease
- initial (reflex) action 285
- initial planning point (IPP) 119, 156
- initial reflex tasks 189, 202, 205, 206, 209, 210, 221, 231, 244, 248, 254
- initial response 285 *See also* urban search, stages of
- institution checks 109, 129
- Intelligence Officer 285
- International Search & Rescue Incident Database 153, 154 *See also* ISRID
- Internet 107, 194
- interrogation 78
- interview(s) 78, 79, 98–106, 145–147
 - field interviews 104–105

- post-search 101
- practice 103
- questions 91–97
- telephone 102
- interview and clue forms 306–308
- interviewee(s) 78–80, 86–91, 97–106
- interviewers 86–88, 90, 99, 167
- interviewing 77, 87–89, 98, 106, 141–147
 - body language 98
 - field interviewing 104
 - tape recorders 99
- interview log 146 *See also* interview and clue forms
- investigation 77 *See also* interviewing
 - Internet, use of 107
 - techniques, other types of 109–110
- ISRID 119, 153, 154, 155, 156, 161

J

- jurisdiction 285

K

- K-9 194, 198 *See also* dogs, types of: police K-9 dogs
- Kelley, Dennis 154
- Kelly, Kimberly R. vii, 153, 319, 322
- kidnapping 20, 24 *See also* abduction
- Klaas, Polly 24, 37
- Koester, Robert J. vii, 153, 154, 170, 184, 319, 320
- Kramer, John A. 319

L

- last known position (LKP) *See* LKP
- LaValla, Patrick (Rick) 319
- law enforcement protocol 296
- legal 138, 255
- liaison 277, 285
- Liaison Officer 281, 285
- LKP 54, 120, 133, 156
- Logistics 276, 285 *See also* Logistics Section
- Logistics Section 111, 131, 282, 283, 285
- Long, Chris 319
- lost person behavior *See* missing person behavior

M

- Mace, Nancy L. 320
- man-tracking 137, 183 *See also* trackers
- management training 258–269
- finishing the mission 269
 - first notice 259–260
 - first operational period 260–261
 - hasty to full scale SAR operation 261–263
 - second (multi) operational period 264–268
- maps 42–44, 113, 114, 142
- ADC The Map People 43
 - aerial photos 44
 - American Automobile Association (AAA) 43
 - Chamber of Commerce maps 43
 - fire department run maps 43
 - GPS 44
 - Internet 44
 - satellite photos 44
 - tax assessor's maps 43
 - Thomas Guides 43, 44
 - United States Geological Survey (USGS) 42
 - utility company infrastructure plans 44
- Maurer, Konrad 318, 320
- media 65–67, 128, 183
- Mehrabian, Albert 98, 102, 320
- mental illness 156, 232–244
- bipolar disorder 234–236, 240
 - depression 233 *See also* despondent
 - personality disorders 237–238
 - psychotic disorders 236
 - schizophrenia 236
- mental retardation 57, 93, 156, 222–231
- Midence, Kenny 320
- missing and abducted children 24, 160, 190–210
- Missing and Unidentified Persons System (MUPS) 54
- missing children 100 *See also* missing and abducted children
- parents 80, 100
- missing person behavior 118–119, 153–160
- missing persons, categories of 19
- at-risk 20
 - lost 19

- not lost 19
- voluntary 19
- missing person searches, types of 23–27
 - dementia 23
 - despondent and suicidal 25–26
 - inactive 26–27
 - inadequate information 26
 - missing or abducted children 24
 - sneak-aways 25
- missing person statistics 160
- missing vehicle search 148
- Mitchell, Barry 154
- mobile command post (MCP) 41, 70, 74, 111, 113
- mules 38–40 *See also* horses
- multi-jurisdictional incident 70, 277, 286
- mutual aid 34, 150–151
- mutual aid agreement 286
- mutual aid call-outs timeline 152
- Mutual Aid Request Form—SAR 141 68, 305

N

- National Center for Missing and Exploited Children® 49, 194
- National Crime Information Center (NCIC) 24, 29, 49, 54, 60, 64, 297
 - NCIC data input 60–62
- National Incident Management System (NIMS) 273, 281
- National Law Enforcement Telecommunications System (NLETS) 49
- neighborhood canvassing *See* door-to-door canvassing
- non-residential areas *See* urban environment: non-residential areas
- Nussbaum, Paul David 320

O

- Office of Emergency Services (OES) 32, 150
- operational period 286
- Operations 276 *See also* Operations Section
- Operations Section 110, 113, 127, 282, 283, 286, 287
- organizational functions 286

P

- Pennington, Mark 320
- Perkins, Dave 154
- Planning 276 *See also* Planning Section

- planning meeting 286
- Planning Section 110, 112, 113, 114, 283, 286, 287
- Plans Section *See* Planning Section
- PLS 54, 56, 69, 70, 73, 82, 120, 121, 124, 125, 133, 137, 156, 194
- POD *See* probability of detection (POD)
- point last seen (PLS) *See* PLS
- police departments 3, 33, 43, 75
- police K-9 dogs *See* dogs, types of
- preplan 23, 29–32, 34, 40, 41, 44, 45, 60, 65, 67, 73, 74, 113, 127, 138, 193, 194, 255, 289–294
- preplanning 29–51, 73, 192–193
- preventive (or preventative) SAR 31
- probability of detection (POD) 114, 130, 131, 148, 195
- Project Lifesaver 176 *See also* electronic tracking systems
- property rights 255
- psychotic *See* mental illness
- Public Information Officer (PIO) 65, 105, 151, 286
- public notification 58 *See also* urban search, stages of: initial response (stage 2)
- public transportation 9, 55, 83, 117, 122, 123, 183

Q

- qualification and certification 286

R

- radio communication *See* communications
- re-searching 148
- reflex tasks 120 *See also* initial reflex tasks
- Reisberg, Barry 320
- reporting party 19, 131
- residential areas 6 *See also* urban environment: residential areas
- resource management 278, 287
- resources 67, 111, 149, 278, 281, 282, 287
 - animal 32
 - dog resources and units 37–38
 - equine resources 38–39
 - human 32–37
 - outside resources/mutual aid 34
 - search and rescue teams 32, 318
 - urban law enforcement agencies 33
 - volunteers
 - organized 37, 274

- spontaneous 34–36
 - information 48
 - physical 41
 - all terrain vehicles (ATVs) 46
 - bicycles 46, 137
 - communications 45, 67, 74, 76, 127, 263, 264, 265, 266
 - helicopters 46
 - maps 42, 114, 142, 260
 - personal field equipment 47
 - uniforms 47
 - urban field pack 47
 - search base facilities and equipment 41
 - specialized 51
 - Resources Unit 69, 287
 - responsible agency 4, 255, 256, 301
 - retirement communities *See* urban environment: residential areas
 - Reverse 911[®] *See* emergency telephone notification system
 - Roberts, Pete 154
 - Rowe, Meredith A. 320
 - runaway 57, 156, 191, 192, 298
 - Rupf, Warren E. 320
- ## S
- “sniff and bite” dogs *See* dogs, types of: police K-9 dogs
 - Safe Return[®] 176, 257, 320 *See also* Alzheimer’s Association
 - safety briefing instructions 144
 - Safety Officer 142, 143, 145, 287
 - San Diego County Sheriff’s Search and Rescue 320
 - SAR Coordination Office 32, 263
 - SAR Coordinator 69, 150
 - scent discrimination dogs *See* dogs, types of: trailing dogs
 - school/college campuses *See* urban environment: non-residential areas
 - search area
 - delineation 124 *See also* tactics
 - segmentation 125–126 *See also* tactics
 - search base 41, 73–76, 111–112
 - search base layout 76
 - searches, other types of
 - bastard 28
 - cancelled or false 28
 - evidence 27

- recurring follow-up 28
- search management 111–119, 126, 258
 - scenario analysis 115
 - subject profiling 115
- search managers 114–115, 156, 166, 184, 223 *See also* search management
- search operations 16–17, 41, 127–152
- search outcomes 157, 188, 201, 204, 208, 220, 230, 243, 247, 253
- search planners 99, 115, 156
- second (multi) operational period 264, 267 *See also* management training
- Section 287
- Section Chief 277, 283
- Sedlak, Andrea J. 322
- self-rescue 3, 118, 192
- Shenk, David 321
- shopping centers/malls *See* urban environment: non-residential areas: shopping centers/malls
- Silverstein, Nina M. 321
- span of control 287
- St. John, Michael vii, 142, 153, 191, 199, 321
- staging area 287
- status condition 288
- Stoffel, Robert (Skip) xi, xiii, 319, 321
- Stooksbury, David 170, 184
- strategies 114–115
- strategy 70, 197, 288
- strike team 278, 288
- substance abuse 156, 249–254
- suicidal 57 *See also* suicide
- suicide 212, 215, 216, 218
 - demographics 214–216
- sundowning *See* Alzheimer's disease
- survivability 159, 188, 201, 204, 208, 220, 230, 243, 247, 253
- suspending a search 71, 118, 151
- Syrotuck, William 154, 319

T

- T-cards 112, 113, 278
- tactics 115, 120–126, 132, 138
 - clue management 126
 - containment 70, 122, 123, 254
 - documentation 126
 - search area delineation 124

segmentation 124, 125
task force 278, 288
Telephone Emergency Notification System (TENS) 62–64, 301–304
 See also emergency telephone notification system
Thomas, David W. 321
thorough search (type III) *See* field searching
trackers 189, 202, 206, 209, 221, 231, 244, 248, 254 *See also* man-tracking
tracking dogs *See* dogs, types of: police K-9 dogs
track offset 159, 188, 201, 204, 208, 220, 230, 243, 247, 253
trailing dogs *See* dogs, types of
training 134, 193 *See also* management training

U

U.S. Department of Justice, Office of Justice Programs, Office of Juvenile Justice
 and Delinquency Prevention 322
Unified Command (UC) 288
uniforms 47 *See also* field equipment
Unit 288
United States Geological Survey (USGS) 42 *See also* maps
Universal Transverse Mercator (UTM) 42, 157
urban environment 3–4, 5–8, 16–18, 20, 22, 70, 83, 84, 119, 126, 129, 131, 132,
 134, 137, 149, 153–160, 185, 187, 200, 219, 246, 255, 256
 gatherings/events 15
 high-rise buildings 9
 institutions 6, 11, 15, 86, 109, 129, 250
 man-made structures 15
 non-residential areas 7
 amusement parks 7, 15
 construction sites 16
 entertainment/sports venues 7, 15
 industrial complexes 7, 13
 military bases/government installations 11
 mixed-use communities 7, 14
 office parks 12
 school/college campuses 11
 shopping centers/malls 13
 transportation centers 15
 urban parks 14
residential areas 6
 mixed-use communities 14
 redevelopment areas 12
 retirement communities 11

- suburban xiii, 10
- urban field pack 47–48
- Urban Interview Log 146, 306
- urban law enforcement agencies *See* police departments
- urban search 3–4
- urban search, stages of 52–72
 - call out additional resources (stage 3) 67, 149–151
 - conclusion of the search (stage 5) 71
 - full scale search (stage 4) 70
 - initial report (stage 1) 52–54
 - initial response (stage 2) 54–67
 - public notification 58
 - urgency determination 54
- urban search and rescue (USAR) 3–4, 275
- urban search urgency chart 21, 57
- urban search urgency guidelines 57
- urgency determination 54, 150, 255, 259 *See also* urban search, stages of: initial response (stage 2)
- USAR *See* urban search and rescue (USAR)
- UTM coordinates 114 *See also* Universal Transverse Mercator (UTM)

V

- Van Dam, Danielle 37
- vascular dementia *See* Alzheimer's disease
- vehicle search 129–130, 137
- violence *See* Alzheimer's disease
- volunteers 34–37, 195 *See also* resources: human
- vulnerability assessment 30–32

W

- wandering *See* Alzheimer's disease
- Warner, Mark L. 321
- Washington Explorer Search and Rescue Pierce County Unit 322
- water hazards 183
- Wehbring, John vii, 322
- wilderness search xi, 3, 20, 143, 153, 156, 157, 255
- wilderness searches 73, 132, 137, 160
- Williams, Christina 190

Y

- Young, Christopher S. vii, 322