
APPENDIX D. MASS FATALITY RESOURCES

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Mass Fatality Resources

This appendix presents resources that you may find useful for mass-fatality planning and operations. These references are listed by topic cover a range of topics that may be considered when planning for mass-fatality incidents. Agency resources may also be available for technical assistance and/or support during an incident.

Web Sites

Community/Local Planning

- Public Health Emergency Response: A Guide for Leaders and Responders. US Department of Health and Human Services. August 2007.
<http://www.phe.gov/emergency/communication/guides/leaders/Pages/default.aspx>
- Public Health Emergency Response Guide for State, Local, and Tribal Public Health Directors – Version 2.0. US DHHS/CDC. 2011.
<http://emergency.cdc.gov/planning/responseguide.asp>
- Shelters, CDC Shelter Environmental Health Evaluation Guides.
<http://emergency.cdc.gov/shelterassessment/>

Decontamination

- Decon. “Guidelines for Mass Casualty Decontamination During a HAZMAT/Weapon of Mass Destruction Incident Volumes I and II.” U.S. Army Chemical, Biological, Radiological and Nuclear School/ U.S. Army Edgewood Chemical Biological Center . April 2009.
http://www.ecbc.army.mil/downloads/publications/ECBC_SP_024_Lake.pdf?DocID=59
- Guidelines for Decontamination of Fire Fighters and Their Equipment Following Hazardous Materials Incidents, Chapter 10 from the Hazardous Materials Response Handbook, NFPA, 1997. <http://www.nfpa.org/PDF/Sup10.pdf?src=nfpa>

<http://www.nfpa.org/Codes/CodesandStandards/HazMat/HazMat.asp>
- Radiation Incidents, “Model Radioactive Material or Multiple Hazardous Materials Decontamination Procedure”, Department of Energy.
http://www.em.doe.gov/PDFs/transPDFs/Decon_Procedure.pdf

Federal Agencies

- Agency for Healthcare Research and Quality, Public Health Emergency Preparedness Site. <http://www.ahrq.gov/prep/>
- Agency for Toxic Substances and Disease Registry, Public Health Service, US Department of Health and Human Services. <http://www.atsdr.cdc.gov/>
- Air War College, Homeland Security “Portal.”
○ <http://www.au.af.mil/au/awc/awcgate/awc-hmld.htm>

Decontamination

Federal Agencies (Continued)

- American Red Cross. <http://www.redcross.org/>
- Armed Forces Institute of Pathology. <http://www.afip.org/>
- Armed Forces Radiobiology Research Institute. <http://www.afrrri.usuhs.mil/>
- Bureau of Alcohol, Tobacco, Firearms, and Explosives. <http://www.atf.gov/>
- Centers for Disease Control and Prevention. <http://www.cdc.gov/>
- CDC, Emergency Preparedness and Response <http://www.bt.cdc.gov/>
- CDC, Environmental Health Services Emergency Planning Site <http://www.cdc.gov/nceh/ehs/ETP/default.htm>
- CDC, Epidemic Intelligence Service. <http://www.cdc.gov/eis/index.html>
- CDC, National Center for Preparedness, Detection, and Control of Infectious Diseases (NCPDCID). <http://www.cdc.gov/ncpdcid/>
- CDC, National Center for Immunization and Respiratory Diseases (NCIRD). <http://www.cdc.gov/ncird/index.html>
- Defense Threat Reduction Agency – Chemical-Biological Defense: <http://www.dtra.mil/>
- Department of Education, Emergency Planning. <http://www.ed.gov/emergencyplan/>
- Department of Homeland Security. <http://www.dhs.gov/dhspublic/>
- Department of Transportation, Office of Hazardous Materials Safety. <http://hazmat.dot.gov/>
- EMAC, Emergency Management Assistance Compact. <http://www.emacweb.org/>
- EPA, Emergency Response Team. <http://www.ert.org/>
- EPA, On Scene Coordinator. <http://www.epaosc.net/default.htm>
- Federal Emergency Management Agency. <http://www.fema.gov/>
- Federal Transit Administration, Department of Transportation. <http://transit-safety.volpe.dot.gov/Default.asp>
- Joint Program Executive Office for Chemical-Biological Defense. <http://www.jpeocbd.osd.mil/>

Decontamination

Federal Agencies (Continued)

- National Disaster Medical System, Department of Health and Human Services (DHHS). <http://www.phe.gov/Preparedness/responders/ndms/Pages/ndmsrecruitment.aspx>
- National Institutes of Health. <http://www.nih.gov/>
- National Institute for Occupational Safety and Health. <http://www.cdc.gov/niosh/homepage.html>
- The National Response Center, US Coast Guard. <http://www.nrc.uscg.mil/index.htm>
- The National Response Team, HAZMAT and Chemical Spills. <http://www.nrt.org/>
- The National Toxicology Program, National Institutes of Health. <http://ntp-server.niehs.nih.gov/>
- Occupational Safety and Health Administration. <http://www.osha.gov/>
- OSHA Emergency Preparedness and Response Resources. <http://www.osha.gov/SLTC/emergencypreparedness/index.html>
- US Air Force Counterproliferation Center. <http://cpc.au.af.mil/>
- US Army Homeland Defense/Civil Support Office. <http://www.wood.army.mil/hls/>
- U.S. Army Medical Command. <http://www.armymedicine.army.mil/default2.htm>
- U.S. Army Public Health Command (Provisional). <http://phc.amedd.army.mil/Pages/default.aspx>
- USAMRIID - US Army Medical Research Institute of Infectious Diseases. <http://www.usamriid.army.mil/>
- USAID the Office of U.S. Foreign Disaster Assistance (OFDA). http://www.usaid.gov/hum_response/ofda/ <http://www.cidi.org/>
- US Chemical Safety and Hazard Investigation Board. <http://www.chemsafety.gov/>
- US Northern Command. <http://www.northcom.mil/>
- US Nuclear Regulatory Commission. <http://www.nrc.gov/>

Equipment and Personal Protective Equipment

- NIOSH Respirator_Respiratory Protection “Trusted Source” and one-stop information site. http://www.cdc.gov/niosh/npptl/topics/respirators/disp_part/RespSource.html
- Personal Protective Equipment during Influenza Outbreaks, Q&A, US FDA. http://www.fda.gov/cdrh/emergency/flu_qa.html
- Personal Protective Equipment, Office of Safety, Health and Environment, CDC. <http://www.cdc.gov/od/ohs/manual/pprotect.htm>
- PPE. Risk Assessment of Using Firefighter Protective Ensemble (FFPE) with Self-Contained Breathing Apparatus (SCBA) for Rescue Operations During a Terrorist Chemical Agent Incident Edgwood Chem Bio Ctr. Aug 2003. http://www.ecbc.army.mil/hld/cwirp/ffpe_scba_rescue_ops_download.htm
- Public Health Emergency Response Guide for State, Local, and Tribal Public Health Directors – Version 2.0. US DHHS/CDC. 2011. <http://emergency.cdc.gov/planning/responseguide.asp>
- Respirators. NIOSH Approved Disposable Particulate Respirators (Filtering Facepieces). http://www.cdc.gov/niosh/npptl/topics/respirators/disp_part/
- Respiratory Protection of Healthcare Workers. OSHA video. <http://www.dol.gov/dol/media/webcast/20110112-respirators/>
- Urban Search and Rescue, HAZMAT PPE. NFPA 1951: Standard on Protective Ensembles for Technical Rescue Incidents. <http://www.nfpa.org/aboutthecodes/AboutTheCodes.asp?DocNum=1951>

Federal Plans and Guidance, Laws, Regulations, Public Health Planning and Guidance

- Disaster Planning. “Writing a Disaster Plan: A Guide for Health Departments. UCLA. http://www.cphd.ucla.edu/npdfs/Disaster_Plan_Guide.pdf
- Emergency Preparedness Resource Inventory, Resource Tracking Tool, AHRQ. <http://www.ahrq.gov/research/epri/>
- Lessons Learned Information System (LLIS), DHS. <https://www.llis.dhs.gov/>
- National Health Security Strategy, US DHHS, Dec 2009. <http://www.phe.gov/Preparedness/planning/authority/nhss/Pages/default.aspx>

Federal Plans and Guidance, Laws, Regulations, Public Health Planning and Guidance (Continued)

- National Incident Management System Capability Assessment Support Tool (NIMCAST). DHS. <http://www.fema.gov/nimcast/AssessmentPdfs.doc>
- OSHA 1910.120. Hazardous Waste Operations and Emergency Response. http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9765&p_text_version=FALSE
- OSHA National Emergency Management Plan, December 2003. http://www.osha.gov/OshDoc/Directive_pdf/HSO_01-00-001.pdf
- Public Health Surveillance After a Disaster. CDC Web site (multiple resources). <http://emergency.cdc.gov/disasters/surveillance/>
- “The Public Health Incident Command System (PHICS): A Guide for the Management of Emergencies or Other Unusual Incidents within Public Health Agencies.” Center for Public Health Preparedness, School of Public Health, University at Albany, State University of NY. <http://www.ualbanycph.org/pinata/phics/default.cfm>
- “Public Health Emergency Response Guide for State, Local, and Tribal Public Health Directors” CDC. Oct 2004. <http://www.bt.cdc.gov/planning/responseguide.asp>
- “Public Health Preparedness Capabilities: National Standards for State and Local Planning” CDC. March 2011. <http://www.cdc.gov/phpr/capabilities/>

First Responder Guides/Procedures

- Aircraft Accidents. First Responder Safety at a Small Aircraft or Helicopter Accident. Training Course. FAA.. http://www.faa.gov/aircraft/gen_av/first_responders/
- The Application of HAZWOPER to Worksite Response and Cleanup Activities, OSHA, Dec 2005. http://www.osha.gov/dep/ohe/application_worksiteresponse.html
- Assessments. ATSDR Public Health Assessment Guide. <http://www.atsdr.cdc.gov/HAC/PHAMannual/index.html>
- Best Practices for Protecting EMS Responders during Treatment and Transport of Victims of Hazardous Substance Releases. 2009. <http://osha.gov/Publications/OSHA3370-protecting-EMS-respondersSM.pdf>
- CERT Field Operations Guide. <http://www.training.fema.gov/emiweb/downloads/fog.pdf>
- Connecting Communities: Emergency Preparedness and Security Resources, Federal Transit Administration. <http://www.connectingcommunities.net/resources.html>
- DOD. “Disaster Response Staff Officer’s Handbook”. Center for Army Lessons Learned. Dec 2010. <http://usacac.army.mil/cac2/call/docs/11-07/toc.asp>

First Responder Guides/Procedures (Continued)

- EMS Sector Standard Operating Procedures, Supplement 11, Hazardous Materials Response Handbook, NFPA, 1997. <http://www.nfpa.org/PDF/Sup11.pdf?src=nfpa>
- EMS Response Resources. Minnesota EMS. <http://www.emsrb.state.mn.us/bioterrorism.asp>
- Emergency Response Guidebook (First Responder's Guide for HAZMAT operations), DOT. 2008. http://hazmat.dot.gov/pubs/erg/erg2008_eng.pdf
<http://hazmat.dot.gov/pubs/erg/gydebook.htm>
- Intelligence Guide for First Responders. Interagency Threat Assessment and Coordination Group. http://www.ise.gov/docs/ITACG_Guide.pdf
- Public Health Emergency Response: A Guide for Leaders and Responders. US Department of Health and Human Services. August 2007. <http://www.phe.gov/emergency/communication/guides/leaders/Pages/default.aspx>
- Radiation Incidents, "Guidance for Radiation Accident Management - Prehospital Emergency Services" Radiation Emergency Assistance Center/Training Site (REAC/TS). <http://www.orau.gov/reacts/manage.htm>
- Radiation Incidents, "Manual for First Responders to a Radiological Emergency" International Atomic Energy Agency. Oct 2006. http://www-pub.iaea.org/MTCD/publications/PDF/EPR_FirstResponder_web.pdf
- Radiation Incidents, "Pocket Guide for Responders to Ionizing Radiation Terrorism." Armed Forces Radiobiology Research Institute. <http://www.afrrri.usuhs.mil/outreach/pdf/AFRRI-Pocket-Guide.pdf>
- Radiation Incidents, Protection Action Guides, EPA. <http://www.epa.gov/radiation/rert/pags.html>
- Security Personnel. Preparing and Protecting Security Personnel in Emergencies. OSHA. 2007. <http://www.osha.gov/Publications/3335-security-personnel.pdf>

Individual/Public Guides and Information/Volunteers

- Chemical Agents: Facts about Personal Cleaning and Disposal of Contaminated Clothing. CDC. <http://www.bt.cdc.gov/planning/personalcleaningfacts.asp>
- Citizens Corps, FEMA (volunteer efforts). www.citizencorps.gov

Logistics

- Blood Supply Issues. Disaster Operations Handbook: Coordinating The Nation's Blood Supply During Disasters And Biological Events. American Association of Blood Banks. 2008. <http://www.aabb.org/programs/disasterresponse/Pages/default.aspx#2>
- EMAC – CDC and Public Health Site. <http://www.bt.cdc.gov/planning/emac/>
- Homeland Security Standards Database. <http://www.hssd.us/>
- Incident Resource Inventory System. FEMA. <http://www.fema.gov/library/viewRecord.do?id=3532>

Mass Fatalities Management

- Mass Fatalities Management, Virginia Department of Health. <http://www.vdh.state.va.us/medExam/planning.htm>
- Mass Fatality Management (MFM), New York City, Department of Health and Mental Hygiene, Healthcare Emergency Preparedness Program. www.nyc.gov/html/doh/.../hepp-pmip-mfm-factsheet010509.pdf
- The California Mass Fatality Management Guide – California.. www.calema.ca.gov/LawEnforcement/Pages/MassFatalityPlan.pdf
- Journal of Homeland Security, Report of the Joint Task Force Civil Support Mass Fatality Working Group, A Working Group Consensus Statement on Mass-Fatality Planning for Pandemics and Disasters, July 2007. <http://www.homelandsecurity.org/journal/Default.aspx?oid=160&ocat=1>
- Stanley, Sharon A. R. (2010) "Building Mass Fatality Management at the Regional Level for Pandemic and Catastrophic Response," *Journal of Homeland Security and Emergency Management*: Vol. 7: Iss. 1, Article 50. DOI: 10.2202/1547-7355.1682. <http://www.bepress.com/jhsem/vol7/iss1/50>
- Integrating Mass Fatality Management into EMS. <http://www.ems1.com/mass-casualty-incidents-mci/articles/1119342-Integrating-mass-fatality-management-into-EMS/>
- Mass Fatalities Incident Management: *A Statewide Plan and Guidance for Local Jurisdictions, Hospitals, Healthcare Facilities, and other Entities Involved in Fatality Management in the State of Utah, April 2009.* health.utah.gov/.../mass_fatality-management_plan_udac-intro.pdf

Mental Health Issues

- American Academy of Experts in Traumatic Stress. <http://www.aaets.org/>
- American Psychiatric Association, Disaster Psychiatry Page. <http://www.psych.org/Departments/Disaster/Haiti/APA-Disaster-Psychiatry-.aspx>
- Disaster Mental Health Primer: Key Principles, Issues and Questions. CDC. www.bt.cdc.gov/mentalhealth/pdf/primer.pdf
- The Emergency Services and Disaster Relief Branch, Center for Mental Health Services, Substance Abuse and Mental Health Services Administration, DHHS. <http://www.mentalhealth.org/cmhs/EmergencyServices/index.htm>
- International Critical Incident Stress Foundation. <http://www.icisf.org/>
- A Manager's Handbook: Handling Traumatic Events. US Government Office of Personnel Management. February 2003. http://www.opm.gov/Employment_and_Benefits/WorkLife/OfficialDocuments/handbooksguides/Trauma/index.asp
- Mass Trauma Mental Health Survey Instrument. CDC. <http://www.bt.cdc.gov/masscasualties/mhsurvey.asp>
- Mental Health and Psychosocial Support in Emergencies. WHO. http://www.who.int/mental_health/emergencies/en/
- Mental health, Field Manual for mental health and human service workers in major disasters, DHHS Publication No. ADM 90-537, Substance Abuse and Mental Health Services Administration, 2000. <http://www.mentalhealth.org/publications/allpubs/ADM90-537/index.htm>
<http://www.mentalhealth.org/publications/allpubs/ADM90-537/Default.asp>

Mental Health Issues (Continued)

- The National Child Traumatic Stress Network.
http://www.ncetsnet.org/ncets/nav.do?pid=hom_main
- OVC Handbook for Coping After Terrorism: A Guide to Healing and Recovery. Office for Victims of Crime, Department of Justice. September 2001.
http://www.ojp.usdoj.gov/ovc/publications/infores/cat_hndbk/welcome.html
- Preparing for the Psychological Consequences of Terrorism: A Public Health Strategy (2003) Institute of Medicine (IOM). <http://books.nap.edu/books/0309089530/html/index.html>
- Psychological and Emotional Effects of the September 11 Attacks on the World Trade Center Connecticut, New Jersey, and New York, 2001. CDC MMWR 6 Sept 2002.
<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5135a2.htm>
- SAMHA disaster mental health pubs.
<http://mentalhealth.samhsa.gov/disasterrelief/first.aspx>
- “Surviving Field Stress for First Responders” ATSDR, May 2005.
<http://www.phppo.cdc.gov/phtn/webcast/stress-05/TrainingWorkbookstress-editp1.pdf>
- Traumatic Incident Stress, Information for Emergency Response Workers, NIOSH.
<http://www.cdc.gov/niosh/docs/2002-107/>
- University of South Dakota, Disaster Mental Health Institute <http://www.usd.edu/dmhi/>
- Victim Assistance Online, Professional Resource Center <http://www.vaonline.org/>

Mortuary Affairs

- Disaster Mortuary Teams. <http://www.dmort.org/>
- EMCAPS: Electronic Mass Casualty Assessment and Planning Scenarios. Johns Hopkins/DHS. http://www.pacercenter.org/pages/about_emcaps.aspx
- “Guidelines for Handling Decedents Contaminated with Radioactive Materials” CDC
<http://www.bt.cdc.gov/radiation/pdf/radiation-decedent-guidelines.pdf>
- “Handling of Human Remains from Natural Disasters: FACT SHEET 37-032-1010”. US Army Public Health Command.
<http://phc.amedd.army.mil/PHC%20Resource%20Library/Handling%20Human%20Remains%20FS%2037-032-1010.pdf>
- The International Mass Fatalities Center. <http://www.massfatalities.com/index.asp>
- Interim Health Recommendations for Workers who Handle Human Remains After a Disaster, CDC. <http://emergency.cdc.gov/disasters/handleremains.asp>

Mental Health Issues (Continued)

- “Management of Dead Bodies in Disaster Situations.” Pan American Health Organization. 2004. <http://www.paho.org/english/dd/ped/DeadBodiesBook.pdf>
- Management of Dead Bodies after Disasters: A Field Manual for First Responders. Pan American Health Organization, WHO, ICRC. 2006. <http://www.paho.org/english/dd/ped/DeadBodiesFieldManual.htm>
- Management of Human Remains from a CBRN environments. US Army Public Health Command. <http://phc.amedd.army.mil/PHC%20Resource%20Library/HumanRemainsCBRNFS1007.pdf>
- Mass Fatality Incident Management: Guidance for Hospitals and Other Healthcare Entities. LA County. August 2008. <http://ems.dhs.lacounty.gov/ManualsProtocols/MFIM/MFIGuidanceForHospitals808.pdf>
- Mass Fatality Management for Incidents Involving Weapons of Mass Destruction. US Army Research Development and Engineering Command. Aug 2005. http://www.ecbc.army.mil/hld/dl/MFM_Capstone_August_2005.pdf
- “Medical Examiners, Coroners, and Biologic Terrorism: A Guidebook for Surveillance and Case Management” MMWR June 2004. <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5308a1.htm>
- Model Procedure for Medical Examiner/Coroner on the Handling of a Body/Human Remains that are Potentially Radiologically Contaminated. Department of Energy. www.em.doe.gov/PDFs/transPDFs/Medical_Examiner_Coroner.pdf
- National Association of Medical Examiners. Multiple guidance documents, Mass fatality plan, etc... http://thename.org/index.php?option=com_docman&task=cat_view&Itemid=26&gid=38&orderby=dmdate_published
- US DOD Joint Mortuary Affairs Center. <http://www.quartermaster.army.mil/mac/>