



Disaster Plan





Purpose

- **Planned response to disaster situations associated with:**
 - **Natural Disasters, War Related Incidents Nuclear/Bio-Chemical, or Hazardous Materials Incidents**
- **Describes overall responsibilities for protecting:**
 - **Life, Property, and the overall well-being of the population**



Objectives

- **Provide a system for effective management of emergency situations**
- **Identify lines of authority and relationships**
- **Assign tasks and responsibilities**
- **Ensure adequate maintenance of facilities, services and resources for recovery operations**



Concept of Operations

SEMS (Standardized Emergency Management System)

- **Mandate State OES to provide a universal structure for Emergency Management**
- **SEMS is based on Incident Command System**
- **ICS organization is comprised of five elements: Incident Command, Operations, Planning/Intel, Logistics and Finance**



Three Levels of Emergencies

- **Level I - Minor to moderate incident**
- **Level II - Moderate to severe emergency**
- **Level III - Major disaster**



Specific Hazards

- **Hazardous Substance Emergencies**
- **Earthquakes**
- **Imminent/Actual Flooding**
- **Imminent/Actual Dam Failure**
- **Nuclear Generating Vessels/Facilities**
- **Tsunami/Coastal Storm**
- **Wildfires**
- **Terrorism**



SD Operational Area

- **Comprised of 18 incorporated cities and 17 unincorporated communities**
- **Approximately 4,261 square miles**
- **Elevations range from sea level to 6500 feet**
- **Population in 2005 was 3,051,280**



Plan Organization

Unified San Diego County
 Emergency Services Organization
 and
 County of San Diego

Operational Area Emergency Plan

BASIC PLAN

<i>Annex A</i> Emerg. Management	<i>Annex I</i> Communications
<i>Annex B</i> Fire and Rescue	<i>Annex J</i> Construction/ Engineer.
<i>Annex C</i> Law Enforcement	<i>Annex K</i> Logistics
<i>Annex D</i> Multi-Casualty Plan	<i>Annex L</i> Emerg. Public Info.
<i>Annex E</i> Public Health	<i>Annex M</i> Mental Health
<i>Annex F</i> Medical Examiner	<i>Annex N</i> Damage Assess./Recov.
<i>Annex G</i> Care and Shelter	<i>Annex O</i> Animal Control
<i>Annex H</i> Environmental Health	<i>Annex P</i> Terrorism



ANNEX "A" EMERGENCY MANAGEMENT

San Diego
Op-Area
Emergency Plan





ANNEX 'A'

EMERGENCY MANAGEMENT

- Communication & Coordination with Fed, State, Regional, Local Govts. & Special Dist.**
- Describes EOC Responsibilities Under SEMS**
- Automatically Activated When a Jurisdictional or Op-Area Plan is Activated**



ANNEX "A"

EMERGENCY MANAGEMENT

PROCLAMATION OF LOCAL EMERGENCY

- Provides Immunity to Public Employees & Board for Emergency Actions Taken**
- Enables Board to Reassess Damaged Property & Provide Tax Relief**
- Allows CAO (Under Ordinance 8183) To:**
 - Establish Curfews**
 - Take Measures to Protect Public Health & Safety**
 - Issue Rules, Expend Funds, Obtain Supplies & Equipment**



ANNEX "A" EMERGENCY MANAGEMENT

Policy Group

EOC Director

PIO

Liaisons

Operations

Planning/Intel

Logistics

Finance

Fire

Law

Sit Stat

Comm.

Time

HazMat

Health/
Medical

Advanced
Plans

Trans.

Comp/
Claims

Care &
Shelter

Const. &
Eng.

Document.

Facilities

Cost Acct

Animal
Control

Utilities

GIS

Procure.

EOC Support/
Message Unit

Personn.



ANNEX "B"

FIRE AND RESCUE

MUTUAL AID OPERATIONS



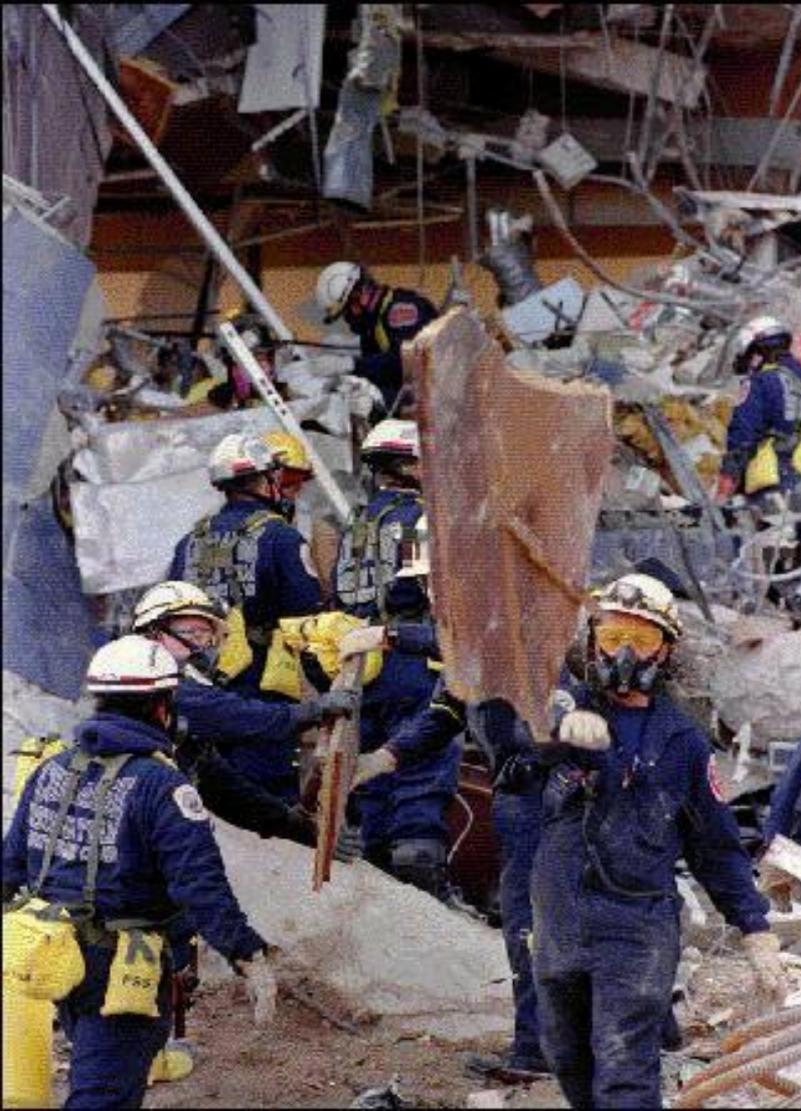


ANNEX “B” - FIRE AND RESCUE

- **Provide for Mobilization, Organization and Operations of Fire/Rescue Resources**
- **Coordinates Mutual Aid within the Op-Area**
- **Radio Networks and Communications**
- **Minimize Loss of Life and Human Suffering**



URBAN SEARCH & RESCUE (USAR)



- **Activated by State OES**
 - **Six hours to mobilize for departure**
 - **Mission Period - generally five to 10 days**
 - **Required to be self-sufficient for first 72 hours of mission**



Swift Water Rescue Teams



- **5 Teams in San Diego County.**
- **Involves location, rescue, & initial medical stabilization of victims trapped in swift water.**



Metropolitan Medical Strike Team (MMST)



- **Regional Resource**
- **Multi-jurisdictional**
- **Multi-disciplined**
- **Focus is Weapons of Mass Destruction**



ANNEX "C" LAW ENFORCEMENT

MUTUAL AID OPERATIONS

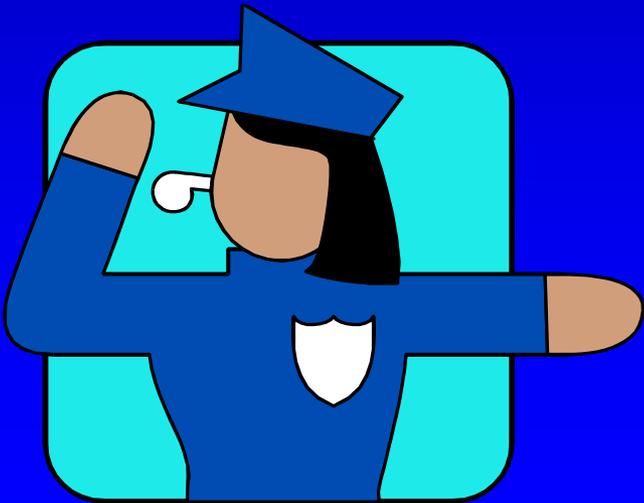




ANNEX "C" - LAW ENFORCEMENT MUTUAL AID OPERATIONS

Primary Objective:

- Preservation of Life and Property
- Maintenance of Law and Order





ANNEX “C” - LAW ENFORCEMENT MUTUAL AID OPERATIONS

Functional Objectives:

- **Coordinate Mobilization of Law Enforcement for Evacuation and Perimeter Security**
- **Receive/Disseminate Warning Information**
- **Provide Security for Essential Facilities & Services**
- **Implement Aerial Survey of the Damage Area**



ANNEX “C” - LAW ENFORCEMENT MUTUAL AID OPERATIONS

Use of Military Forces for Mutual Aid:

- **Governor will Commit the CNG Only When -**
 - **An Emergency Exists, or is Imminent**
 - **All Civil Resources are Reasonably Committed**
 - **Civil Authority Cannot Control the Situation**
 - **Assistance is Requested by the City’s Chief Executive, or the County Sheriff**



Annex D

Multi-Casualty Plan





Annex D

Multi-Casualty Plan

Purpose

A disaster medical system for all causes of injury or illness from multiple patient vehicle crashes to large events like earthquakes where you may have thousands of injured.



Annex D

Multi-Casualty Plan

The most frequently used annex:

- **Used when more than 5 or 10 injuries**
- **Exercised several times a year**





Annex D

Multi-Casualty Plan

Agencies With Responsibilities in Annex D

Law/Fire

Sheriff's Comm. Center

School Districts

Blood Bank

Ambulance Association

Hospital Association

EMS

Public Health

Environmental Health

American Red Cross

ARES/RACES

Hospitals

Aeromedical providers

MMST



Annex E

Public Health Operations

- **Community Epidemiology**
- **PH Nursing**
- **PH Laboratory**
- **HHSA PIO**





Annex E

Public Health Operations

- **Community Epi Conducts Surveillance and Investigates Disease Outbreaks**
- **PH Nursing Provides Mass Immunization, Secondary Treatment and Outreach**
- **PH Lab Conducts Environmental Testing and Surveillance**
- **PIO Prepares Public Health Information for Public**



ANNEX "F" MEDICAL EXAMINER OPERATIONS





ANNEX “F”

MEDICAL EXAMINER OPERATIONS

Objectives:

- **Identify & Provide Adequate Disposition of Human Remains**
- **Determine Cause and Manner of Death**
- **Coordinate Information & Notification with Local Law Enforcement, Public Health, etc.**
- **Next of Kin Notification**

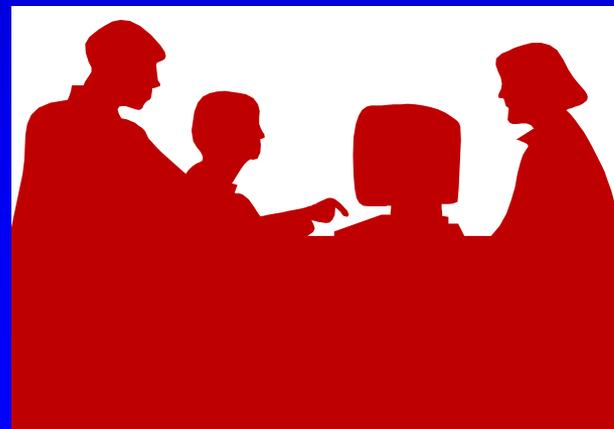


ANNEX "F"

MEDICAL EXAMINER OPERATIONS

Decision for Mass Burial

➤ "...must be made jointly by the ME, County Health Officer, CAO, State OES and applicable City/Special District officials and community leaders."





ANNEX "G" CARE & SHELTER OPERATIONS





ANNEX “G”

CARE and SHELTER OPERATIONS

➤ OBJECTIVES:

- Provide Food, Clothing, Shelter, Psychological Counseling, & Basic Needs on a “Mass Care” Scale
- Provide Inquiry Service to Reunite Families
- Assure Orderly Transition From Mass Care, to Separate Family Living, to Post-Disaster Recovery



ANNEX “G”

CARE and SHELTER OPERATIONS

- **Activated When There is an Emergency Situation, or Potential Situation in Which Mass Care is Required**
- **Activated by CAO to Incident Commander**
- **Provides First Aid, Special Care Needs, Mental and Physical Health Service**
- **Public School has Written Agreement with Red Cross for Designated Facility Use**



ANNEX "H" ENVIRONMENTAL HEALTH





ANNEX 'H'

ENVIRONMENTAL HEALTH OPERATIONS

➤ **Provides Basis for Control & Coordination of Environmental Health Service for:**

➤ **Food and Housing**

➤ **Land Use/Water Quality**

➤ **Hazardous Materials Division**

➤ **Community Health**





ANNEX 'H'

ENVIRONMENTAL HEALTH OPERATIONS

➤ **Food & Housing Division:**

- **Supervise Food Delivery**
- **Coordinate Inspections for Food Purity**
- **Inspect/Advise on General Sanitation Issues**
- **Inspect Health Hazards
in Damaged Buildings**





ANNEX 'H'

ENVIRONMENTAL HEALTH OPERATIONS

➤ Land & Water Quality Division

➤ Sewage Disposal

➤ Quarantine of Contamination Areas

➤ Evaluation of Potable Water
Supplies

➤ Procedures for Sanitary Transport
of Water





ANNEX 'H'

ENVIRONMENTAL HEALTH OPERATIONS

➤ Hazardous Materials Division

- Environmental Surveys to ID HazMat Releases/Cleanup
- Risks to Public/Env.
- Radiation Monitoring and Decon
- Field Sampling/On-Site Screening

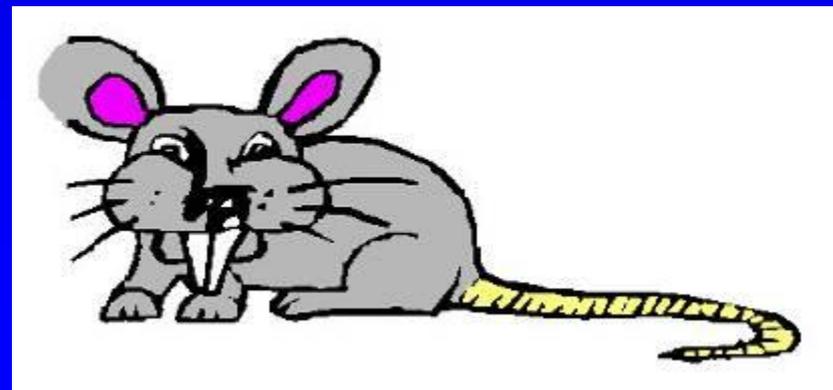




ANNEX 'H'

ENVIRONMENTAL HEALTH OPERATIONS

- **Community Health Division**
 - **Surveillance/Control of Vector Borne Diseases**
 - **Disposal of Dead Animals**
 - **ID, Control & Elimination of Pest Breeding Sources/Infestations**





ANNEX 'H'

ENVIRONMENTAL HEALTH OPERATIONS

- **Local Enforcement Agency**
 - **Approve Permit Waivers**
 - **Monitor Handling/Storage/Disposal of C&D/MSW**
 - **Coordinate Disposal of Special Waste**
 - **Monitor Landfill Gas**





Annex I

Communications





Annex I Communications

- **Regional Communications System**
 - **RCS is a 800 MHz Truncated System with Hundreds of Talk Groups**
 - **Thousands of Radios on the System**





Annex I Communications

Emergency Alerts and Instructions are Given to the Public by Various Means.

- **Emergency Alert System**
- **L.I.F.E.**
- **Radio, TV and Cable**
- **Mobil Loud Speakers**
- **Bulletins and Handbills**





Annex I Communications

Other Radio Systems in San Diego County Radio, TV and Cable:

- Military – many different radio systems**
- Conventional Fire Mutual Aid Frequencies**
- Conventional Law Enforcement Mutual Aid**
- Amateur Radio – ARES and RACES**
- OES EOC to EOC Communications System**



ANNEX “J” – Construction & Engineering Operations





ROLES & RESPONSIBILITIES

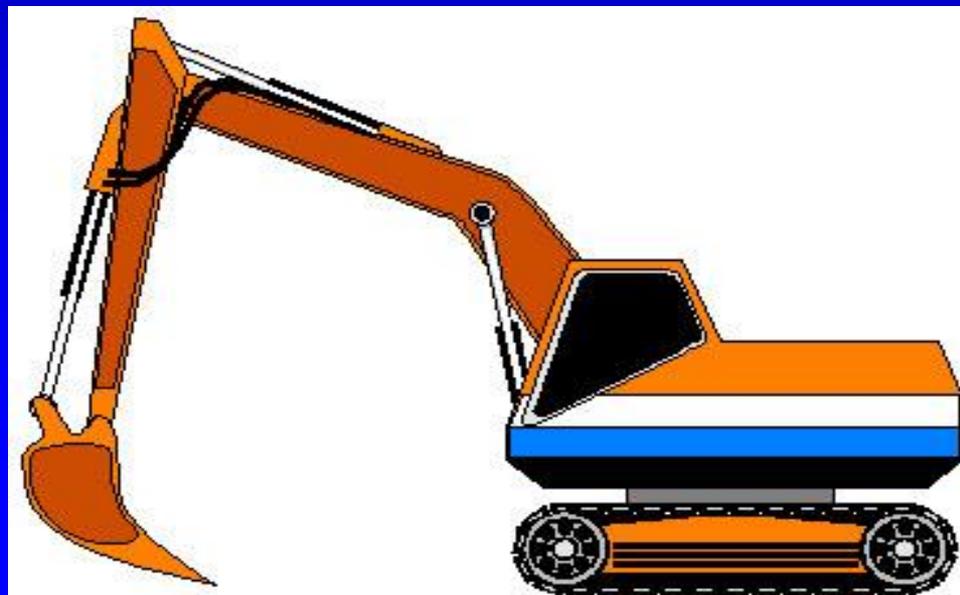
- **Provide Engineering/Public Service Work**
 - **Restore, Maintain & Operate Essential Services**
 - **Roads/Bridges**
 - **Storm Drain Facilities**
 - **Wastewater Plants**
 - **Airports**
 - **Rural Transportation**





ROLES & RESPONSIBILITIES

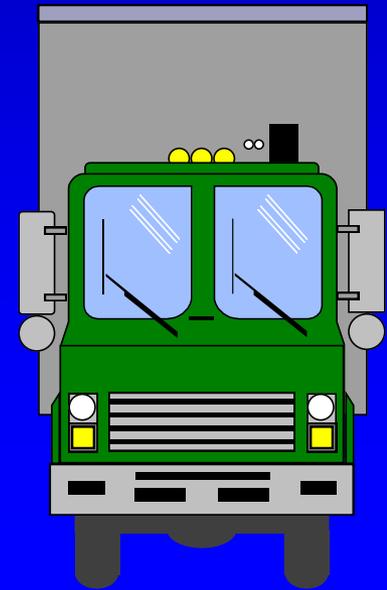
- **Restoration/Construct Emergency Facilities**
- **Temporary Wastewater Lines, Roads, Landing Strips, Bridges and Solid Waste Storage Sites**
- **Identified Emergency Work Stations and Alternate Work Stations**





ANNEX "K" - LOGISTICS

Coordinating the Provision of Services,
Personnel, Equipment & Supplies to
Support Disaster Response Operations
Within the Op-Area.





ANNEX “K” LOGISTICS

Objectives:

- **Procure and Allocate Essential Resources**
- **Oversee the Inventory and Distribution of Essential Supplies for Emergency Subsistence**
- **Procure and Allocate Required Transportation, Fuel and Like-Equipment Resources**



ANNEX “K” LOGISTICS

Objectives: (Cont.)

➤ Acquire Supplies For:

➤ Care and Shelter Facilities

➤ Staging Areas

➤ Mobile Clinical & Medical Facilities

➤ Maintain -

➤ Communications

Potable Water

➤ Electrical Services

Sanitation Services

➤ Other Utility Systems & Services



ANNEX "L"

Emergency Public Information





Annex "L"

Emergency Public Information

- **Disaster Related Information is Collected and Disseminated Through the Op-Area EOC.**
- **The Media Team Acts as the Official Spokesperson with Media to Disseminate Emergency Information.**
- **Makes Referrals to, and Coordinates with, Other Jurisdictions.**



Annex "L"

Emergency Public Information

- **Maintain Liaison with Other Federal, State, and Local Agency Public Information Officer**
- **Coordinates Interviews with Op-Area Officials.**
- **Releases only Verified Information**
- **Schedule Regular & Frequent Media Briefings**
- **Writes and Distributes Press Releases**



Annex M

Mental Health Operations

**Mental Health Response
System Designed to
Distribute Mental
Health Resources
During a Disaster**





Annex M

Mental Health Operations

Overall goal of the Mental Health Annex is to minimize :

- Loss of Life**
- Subsequent Disability &**
- Suffering**

By ensuring timely and coordinated mental health assistance in time of emergency.



Annex M

Mental Health Operations

Administrative Services Organization (ASO)

Telephone Crisis Line

- Provides 24 hr emergency telephone counseling/referral
- Acts as an entry point to the Mental Health System
- Reports needs for additional disaster services to SDMHS
Disaster Coordinator



Annex N



Damage Assessment



Annex N - Damage Assessment

- **Purpose:**
 - **Provide Guidelines to Facilitate the Collection of Information Regarding Damages**
 - **Provide the information necessary to Recover and Return to Normal**



Emergency Contracting

Work That Must Be Performed to Immediately Protect Public Facilities or Public Health & Safety:

- **Removal of Unsafe Debris**
- **Protection of Bridges/Roads**
- **Emergency Shoring of Unsafe Buildings**





Damage Groups

Emergency Work:

- **Must Be Completed Within 6 Months of Close of the Disaster Period**
- **Only for Categories -**
 - **A: Debris Removal**
 - **B: Emergency Protective Measures**

Permanent Work:

- **Must Be Completed Within 18 Months**
- **Includes All Other Work Categories**



Annex O

Animal Services





Annex O

Animal Services

- ✓ **Used Whenever There Is An Evacuation.**
- ✓ **Lead Agency For Animal Control In The Unincorporated Areas /Contract Cities**
- ✓ **Assist In The Recovery and Rescue of Animals**
- ✓ **Humane Society Takes Care of Large Animals.**



Annex O

Animal Services

Other agencies with responsibilities under this Annex -

Zoological Society

State Fish & Game

OES

RACES

City Animal Control Agencies

Private animal care shelters

Veterinary Medical Association

American Red Cross



Not Covered in the Animal Services Annex !!





Annex P - Terrorism





Annex P

Terrorism

Metropolitan Medical Strike Team (MMST) is in Place to Deal with Chemical, Biological, Nuclear, Radiological or Conventional Explosive Terrorism Events.



MMST



Comprised of
specialists from:

➤ Fire

➤ Law

➤ Public Health

➤ Hazmat

➤ Environmental
Health



Annex P Terrorism

- ❑ Includes four phases
 - ❑ Three readiness
 - ❑ One Response
 - ❑ Tied to Homeland Security Advisory Levels





Questions ?

➤ Useful websites

➤ <http://www.bt.cdc.gov/>

➤ <http://www.sdcounty.ca.gov/oes/>

➤ Special thanks to Susan Asturias, SDOES