

Office of Emergency Services
OES 101 Training

Presented by

**MODESTO REGIONAL
FIRE AUTHORITY**

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Office of Emergency Services Division
Program Manager**



Office of Emergency Services Division/Operational Area

MODESTO REGIONAL FIRE AUTHORITY

Objectives

Upon successful completion of this training, participants will:

- Be able to identify local hazards and threats
- Have a basic understanding of SEMS and its intent
- Know the key responder agencies involved in local responses
- Understand the role of the Office of Emergency Services division
- Be aware of local emergency notification systems



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This Tier II awareness level training is intended for all Medical Reserve Corps volunteers.

To complete this training, please review the slideshow and complete the online "OES 101" ten question quiz. Upon completion please submit to the SCMRC Coordinator.

MODESTO REGIONAL FIRE AUTHORITY

History of MRFA

- Merger of Modesto Fire Department, Stanislaus County OES and Salida Fire Protection District
- Joint Powers Agreement was formed in January 2011
- Purpose:
 - Provide long term sustainable solution for challenges facing the fire service.
 - Eliminate and avoid duplication of services.
 - Secure adequate and stable funding.
- Office of Emergency Services (OES) is now a division of MRFA



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The Modesto Regional Fire Authority was formed in 2011 when the City of Modesto Fire, Stanislaus County Fire Wardens Office, and The Salida Fire District entered a Joint Powers Agreement. The department JPA is governed by a Board of Directors (1 representative from each of the participating agencies). The Fire Chief reports to the Board of Directors.

The department currently has 14 Stations (11 Staffed, 1 Airport, and 2 Unstaffed). The Department protects approximately 83 square miles (40 city of Modesto and 43 Salida District) and a population over 240,000 people (220,000 City of Modesto and unincorporated and 24,000 in Salida Fire District).

The Department covers the Stanislaus, Tuolumne, and Dry Creek water ways with 3 cross staffed water rescue boats. The areas of protection range from residential neighborhoods, to commercial buildings, to rural areas covering Highways 99, 132, 108, and 219. Modesto Regional Fire provides reliable and efficient service to 43% of Stanislaus County's population in 7% of its geography.

Modesto Regional Fire is broken into **Four Divisions** - Operations, Support, Administrative, and Fire Prevention.

Operations Division includes Fire Suppression Personnel and Training

Support Division consists of Special Operations, Fleet Maintenance, Office of Emergency Services (OES), Emergencies Services, Emergency Planning, CERT, Radios, and Grant Management.

Administration oversees HR, Risk Management, Accounts Payable/ Receivable, Purchasing, Health and Safety, Inventory Control.

Fire Prevention includes Deputy Fire Marshal, Fire Inspectors, Public Education, and Fire Investigations.

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Specific Hazards and Threats

- Earthquakes
- Floods
- Dam Failure
- Wildland Fires



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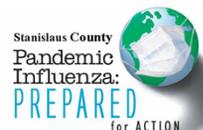
What are the major threats and hazards to Stanislaus County as identified in the Emergency Operations Plan? Most common to Stanislaus County are Natural Disasters involving floods, fire, freezes or heat emergencies.

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Specific Hazards and Threats

- Extreme Weather Emergencies
- Landslides
- Food and Agriculture
- Public Health

H1N1 INFLUENZA SPRING 2009



Operation Period 0800 to 1700
May 4, 2009

Incident Number FF09001312

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Public Health threats to Stanislaus County can include pandemic influenza or other emergent disease. Population growth and expanded interactions between people, animals and the environment over the coming decades are expected to increase the emergence of new pandemic threats.

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Specific Hazards and Threats

- Hazardous Materials
- Transportation Emergencies
- Power Interruptions
- Civil Disturbance
- Terrorism



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Chemical releases from spills or fires have also occurred, and other threats involving civil unrest, terrorism, chemical, biological, radioactive and/or nuclear exposure are also a possibility.

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Emergency Operations Center Activations

- March 2011 Flood – San Joaquin River
- May 2009 – H1N1
- January 2009 – Storms and Potential Flooding
- September 2007 – Lick Fire



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What are some events the EOC has been activated for in recent years?

During the 2009 H1N1 Influenza Pandemic, the Emergency Operations Center was activated to ensure a coordinated response to this emerging public health threat. To help mitigate any local impact to Stanislaus County residents, Medical Reserve Corps volunteers were deployed to staff H1N1 vaccination clinics.

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Emergency Operations Center Activations (Cont.)

- January 2007 – Freeze
- January 2006 – Flooding – Dry Creek
- April 2006 – Flooding (San Joaquin River)
- July 2006 – Heat



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Incident – An unanticipated emergency small to large in scale

Disaster – An occurrence causing widespread destruction and distress



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What is the difference between an incident and a disaster?

California Emergency Management Agency

Standardized Emergency Management System (SEMS)

SEMS OVERVIEW



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The Standardized Emergency Management System (SEMS) is the organizing structure and legislation for disaster response in California. The system unifies all elements of California's emergency management community into a single integrated system and standardizes key elements. SEMS incorporates the use of the Incident Command System (ICS), California Disaster and Civil Defense Master Mutual Aid Agreement (MMAA), the Operational (OA) Area concept and multiagency or inter-agency coordination. The National Incident Management System (NIMS) used by the federal government is based on SEMS.

LEGAL BASIS FOR SEMS

- Government Code § 8607
- *Emergency Services Act*

INTENT: To Improve Coordination of State & Local Emergency Response in California.



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SEMS legislation resulted from the 1991 Oakland Hills Fire and signed into law in 1993. Its policies and procedures are set forth in the California Government Code, Section 8607, Emergency Services Act (Chapter 7, Division 1, Title 2).

CALIFORNIA EMERGENCY SERVICES ACT



**California Emergency
Services Act**

**California Disaster
Assistance Act**

Emergency Compacts

- *Interstate Civil Defense and Disaster Compact (1951)*
 - *Emergency Management Assistance Compact (2005)*
-

**California Disaster and
Civil Defense Master
Mutual Aid Agreement**

Edmund G. Brown Jr.
Governor

2011 Edition
Includes statutory changes as of January 2011



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The state has long recognized its responsibility to mitigate the effects of natural, manmade, or war-caused emergencies which result in conditions of disaster or in extreme peril to life, property, and the resources of the state, and generally to protect the health and safety and preserve the lives and property of the people of the state. To ensure that preparations within the state will be adequate to deal with such emergencies, the California Emergency Services Act was developed as the “bible for emergency management” within California.

The Law Says....

**LOCAL GOVERNMENTS
MUST USE SEMS !**

....To be eligible for State
funding of...

**RESPONSE RELATED
PERSONNEL COSTS !**

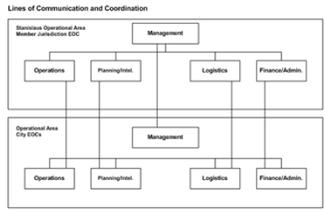
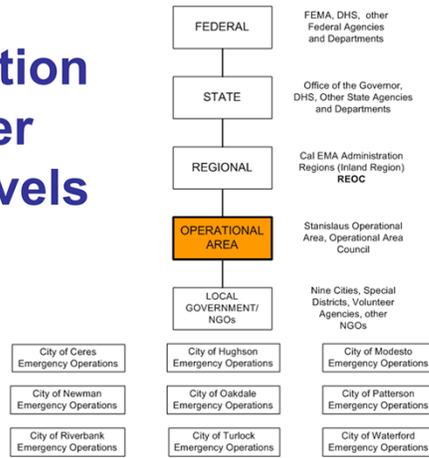
(Includes Special Districts)



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State agencies are required to use SEMS and local government entities must use SEMS in order to be eligible for any reimbursement of response-related costs under the state's disaster assistance programs.

Coordination With Other SEMS Levels



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This slide outlines how the different levels of government are organized under SEMS. One of the key components of SEMS is single point ordering and management of resources during a disaster.

TAGS AND MACS

- TAGs
 - Threat Assessment Group
- MACs
 - Multi-Agency Coordination
 - Local and/or StanMAC



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The Threat Assessment Group – Initial information regarding a threat or incident may come from a variety of sources. When the information reaches a public source (OES, Sheriff, Ag Commissioner, DER, Public Health, etc) the public representative will contact county OES who will facilitate a meeting or conference call between the public member, CEO, OES and a discipline specific representative. The purpose of the initial meeting or call is to conduct a preliminary evaluation of the information from a threat perspective.

One outcome of the meeting is to activate the Stan MAC. The Multi-Agency Coordination System or MACS is part of the Incident Command System (ICS), Standardized Emergency Management System (SEMS) and National Incident Management System (NIMS).

The Stanislaus County MAC Group is made up of jurisdiction and/or agency representatives who have the responsibility to provide coordination and support incidents involving all risk situations that may impact the county.

The objectives of the Stan MAC include:

- Evaluate threat conditions within the County;
- Provide multi-agency, multi jurisdictional coordination of information and resources,

and;

-Develop Operational policy and direction.

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Make up of new “First Responder” Agencies

- Law Enforcement, Fire Agencies (Hazmat), Dispatch Centers
- ALS/BLS Providers, MVEMSA
- County Departments (Ag, DER, CSA)



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Traditionally, fire and law enforcement have been commonly referred to as “first responders.” As emergency management has progressed over the years, “non-traditional” agencies have become integrated so that response efforts are efficiently coordinated and the most effective use may be made of all manpower, resources, and facilities when dealing with any incident or emergency that may occur.

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New “First Responder” Agencies (cont)

- Hospitals, Pharmacies, Labs
- American Red Cross – Care and Shelter
- State of California Emergency Management Agency (Cal EMA)
- Local Schools
- Cities



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New “First Responder” Agencies (cont)

- Local Utilities
- Faith Based Community
- Private Industry
- Non-Governmental Organizations (Latino
Emergency Council - LEC)
- Volunteers (MRC, CERT)
- United Way



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WHAT THE OFFICE OF EMERGENCY SERVICES DIVISION PROVIDES



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The Office of Emergency Services Division is responsible for the day-to-day administration of Stanislaus County's disaster preparedness, mitigation, response and recovery programs.

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Office of Emergency Services Division - Responsibilities

- Operational Area Coordinator
- Manage Emergency Operations Center Coordination
- Emergency Operations Plans
- Preparedness, Response, Mitigation, Recovery
- Manage Homeland Security Grants



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The Office of Emergency Services division develops and maintains the Stanislaus County Emergency Operations Plan (EOP) and its associated annexes. OES also coordinates training, planning and exercises for first responders throughout the Stanislaus Operational Area.

EMERGENCY OPERATIONS CENTER FUNCTIONS

- **Management**
- **Operations**
- **Planning**
- **Logistics**
- **Finance**

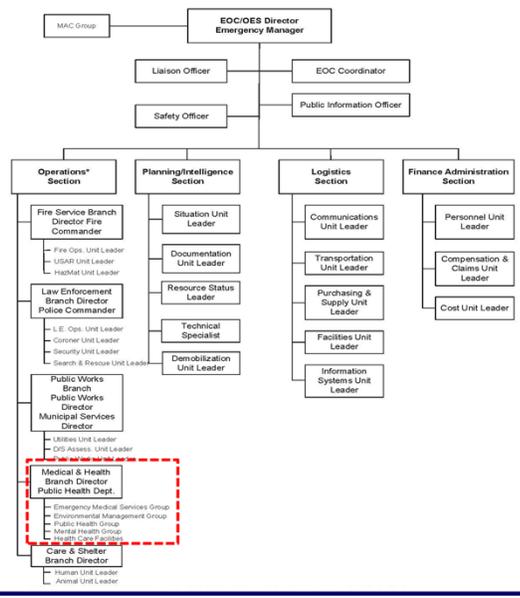


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The Office of Emergency Service (OES) maintains the Emergency Operations Center (EOC) in Modesto and the Alternate Emergency Operations Center in Ceres in partnership with Ceres Emergency Services. The EOC is the focal point for local coordination during a disaster. OES also facilitates the Operational Area Council and the Disaster Council.

The functions of the EOC are based on the Incident Command System (ICS), SEMS and NIMS.

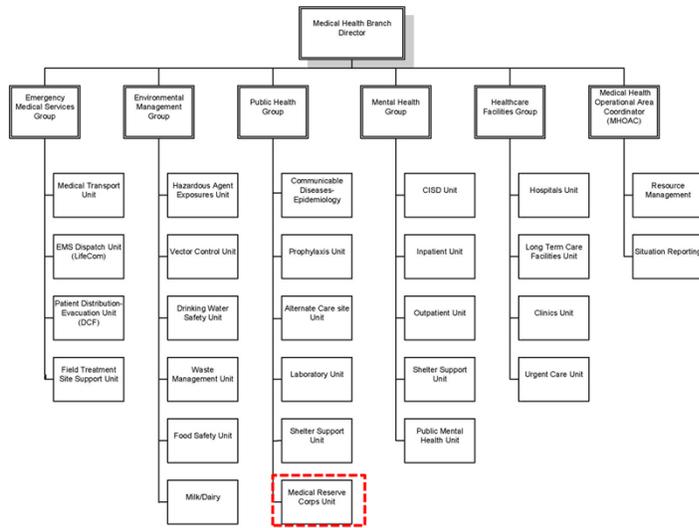
EMERGENCY MANAGEMENT ORGANIZATIONAL CHART



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During an EOC activation, when an emergency or incident significantly impacts or is anticipated to impact public health, environmental health, or emergency medical services, the Medical Health branch will be staffed to manage the incident. Medical Reserve Corps volunteers may be deployed when a local medical or health incident occurs.

MEDICAL & HEALTH BRANCH ORGANIZATIONAL CHART



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Within the Medical Health Branch, the Medical Reserve Corps Unit falls under the command of the Public Health Group.

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Office of Emergency Services Division - Responsibilities

- All-Hazards Response Plans:
 - Emergency Operations Plans (EOPs)
 - Emergency Functions (EFs)
 - Ag Response Plans
- Public Notification
- SEMS/NIMS/ICS Training



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All-Hazards emergency response plans are developed through a continual process of improvement involving five (5) steps: Threat assessment, planning, training, drills and exercises, and after action and improvement. These plans include procedures for systems used to notify the public in the event of a local incident or emergency.

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**Office of Emergency Services Division -
Responsibilities**

GETS / EAS / EDIS

- **GIS based notification system**
- **Local Hazard Mitigation Plans**
- **COOP / COG Planning**
- **Fire and Rescue Mutual Aid Coordinator**



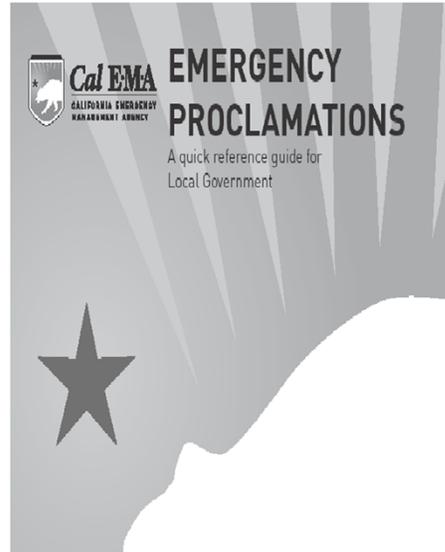
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GETS / EAS / EDIS are systems used to communicate with responders and the public during an emergency.

EMERGENCY PROCLAMATIONS

Who Can Proclaim?

- County CEO
- Director of Public Health
- Agricultural Commissioner



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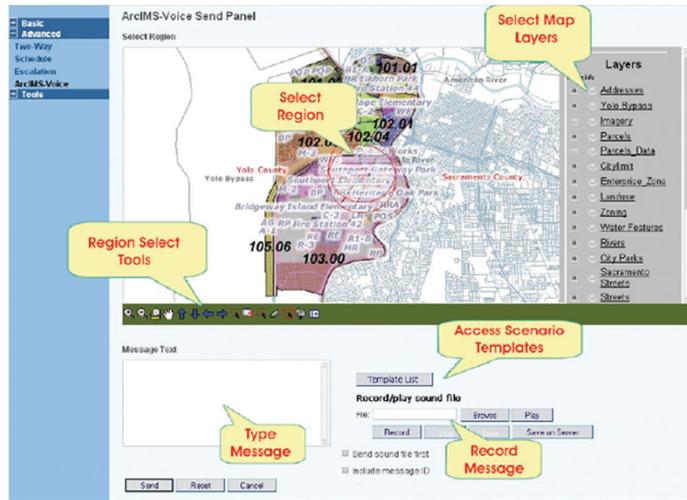
**Stanislaus County
Emergency Notification for First
Responders and
Citizen Populations**



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Hiplink is an emergency notification system for the public. This type of system is sometimes referred to as reverse 911.

Public Notification



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Using the Hiplink system, OES can develop targeted message and disseminate emergency information rapidly to affected locales.

Public Notification

- Reverse 9-1-1 Notification Function
- All land lines in Stanislaus County are automatically registered in the system
- Can deliver 5000 (30 second voice messages) an hour.
- Geographical Based.
- Will deliver voice message by either
 - Recorded message
 - Text to Voice Message
- Self Registration



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To quickly alert communities or large populations within Stanislaus County, notification of an emergency or incident may occur using state-of-the-art technology to disseminate important information.

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Stanislaus County

OFFICE OF EMERGENCY SERVICES
PHONE: 209-552-3600

Emergency Services Home

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Welcome to Emergency Services

Office of Emergency Services (OES)
 The Office of Emergency Services provides preparedness before, and coordination direction during, large-scale emergencies and disasters. OES coordinates with partner agencies including nine cities, special districts, and key private agencies in providing planning, response, recovery, and mitigation activities as a result of disaster related incidents.
 Visit our website for upcoming events, emergency preparedness resources, weather/food information, and much more.


Office of the Fire Warden (OFW)
 The Fire Warden supports and coordinates all public fire services agencies in the County, with an emphasis on special fire districts. Activities include fire prevention and plan review, fire investigation, training, and fire and rescue mutual aid management.
 Visit our website for upcoming events, fire agency resources, FIRESCOPE, and other useful information.


Office of the Fire Marshal (OFM)
 The Fire Prevention Bureau provides a wide range of fire prevention services to the unincorporated areas of Stanislaus County and the cities of Hughson, Newman, and Waterford. Activities include code development, plan review, fire safety inspections, code enforcement, and investigating fire hazards.
 Visit our website for upcoming events, fire safety information and other useful information.

Helpful Links

- Are you ready for a disaster? Find the tools and information you need to get ready.
- **Emergency Notification Self Registration**
- 2009 4th Quarter training schedule (PDF)
- NIMS-SEMS-ICS Training Registration
- NIMS-SEMS-ICS Training Course
- NIMS-SEMS-ICS Training Course Student Manual (PDF - 3MB)

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Stanislaus County residents may opt to self register up to five addresses for the notification system on the OES website.

System Activations

- New Melones functional exercise
 - Knights Ferry
 - Cities of Oakdale and Riverbank
 - Stanislaus County
- Fertilizer fire in Riverbank
- Sulfur Fire in Ceres
- Four armed suspects in North Modesto
- Kidnapped juvenile in Patterson



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The emergency notification system has been used numerous times over the years to alert residents of significant emergencies or incidents.

CONTACT INFORMATION

**Modesto Regional
Fire Authority
Office of Emergency Services Division**

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Modesto, CA 95357

(209) 552-3600

dthrasher@stanoes.com



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**Please complete the OES 101 Quiz and
submit to the SCMRC coordinator.**

QUESTIONS?

Please Contact:

**Stanislaus County
Medical Reserve Corps Coordinator**

(209) 558-8332

(209) 652-3070

scmrc@schsa.org



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