FISCAL YEAR 2017/2018

ANNUAL REPORT

SACRAMENTO COUNTY
OFFICE OF EMERGENCY SERVICES
EVEN WITH ALL OUR TECHNOLOGY AND THE INVENTIONS THAT MAKE MODERN LIFE SO MUCH EASIER THAN IT ONCE WAS, IT TAKES JUST ONE BIG NATURAL DISASTER TO WIPE ALL THAT AWAY AND REMIND US THAT, HERE ON EARTH, WE'RE STILL AT THE MERCY OF NATURE.

-NEIL DEGRASSE TYSON

The Sacramento County Office of Emergency Services (Sac OES) is responsible for emergency preparedness for the County and the Operational Area. This past year has brought about numerous lessons learned including: improvements to alert and warning; evacuation strategies; mass sheltering operations; and training needs for our staff that work within the EOC.

Due to fires in Sonoma County in October 2017, attention was given to Wireless Emergency Alerting (WEA) and strategies to deliver messages efficiently and rapidly to the public. We engaged in testing of our capabilities to launch a WEA and our core OES staff are trained to rapidly create a county-wide alert.

Staff participated in the mutual aid requests for Care and Shelter staff expertise. We’ve been able to bring back those lessons learned and will include that detail in the 2019 Mass Care and Shelter Plan revision. Through numerous grants we have been able to identify evacuations strategies for the Delta and finalized an Evacuation Plan for Sacramento County incorporating feedback from the public on our evacuation terminology, which will no longer use the term “Voluntary.”

Our staff continues to excel professionally and sit on various state and federal committees for the advancement of technology in Emergency Management strengthening systems for mutual aid deployment, collecting data for lessons learned, and offering updates to state Emergency Management curriculum.

We are proud to demonstrate some of our accomplishments this past year with the publication of this annual report.

Sincerely,

Stephen Cantelme
Chief of Emergency Services
MEET THE TEAM

OFFICE OF EMERGENCY MANAGEMENT

STEPHEN CANTELME
Oversees the Office of Emergency Services ensuring that the Emergency Operations Center is ready for activation 24/7.

ROGER INCE
Coordinates emergency planning efforts in the Delta, including flood and risk assessment and mitigation planning. Oversees areas involving public health and disease outbreak planning. Supervises the county Medical Reserve Corps and is a liaison to the cities of Elk Grove, Galt and Isleton.

MARY JO FLYNN
Oversees planning, training and exercise design and delivery. Oversees disaster public education, including the OES social media program and development of the JIC, GIS and technology. She is a liaison for the cities of Citrus Heights and Sacramento as well as county school districts.

MATTHEW HAWKINS
Responsible for the County’s Mass Care & Sheltering program. Designs and delivers exercises; supports the Regional VOAD; and, serves as the Operational Area Mass Notification & Alert and WebEOC Administrator. He is the liaison for the cities of Folsom and Rancho Cordova.

DAVID GIESELMAN
Provides administrative services and logistical support for the Office of Emergency Services.

SARAH GALLIMORE
Coordinates the OES purchasing and budget, contracts, board letters and resolutions.

ADELINA ANA
Serves as the Operational Area grant administrator.

LYNN PESELY
Manages the county Medical Reserve Corps volunteer program and Disaster Public Education programs.

LORI SCHWARZE
Supports the Medical Reserve Corps volunteer program and provides administrative support.
FOR THE THINGS WE HAVE TO LEARN BEFORE WE CAN DO THEM, WE LEARN BY DOING THEM - ARISTOTLE

Federal grant compliance requires adoption of the National Incident Management System (NIMS). The County Board of Supervisors has agreed to this guideline through the adoption of the Emergency Operations Plan and the County Operational Area Plan.

In an effort to bolster California and the nation’s emergency management mutual aid capabilities, the State through the California Specialized Training Institute (CSTI), has approved requirements for Emergency Operation Center position credentialing and typing.

While credentialing will allow personnel to participate as a state-wide mutual aid resource, this minimum criteria also allows Sac OES to establish a baseline of transferable skills for a variety of positions within the organization. Preparing SacOES personnel serving in the EOC through these minimum training standards will only further the organization’s position should credentialing or minimum standards ever become tied to funding or reimbursement.

279 STUDENTS
109 EXERCISE PARTICIPANTS
SACRAMENTO - SAN JOAQUIN DELTA

FLOOD PREPAREDNESS AND PLANNING

Through our Sacramento County Office of Emergency Services we have been successful in securing much needed grant dollars for investments in programs and resources that serve our holistic approach to Sacramento County flood fighting preparedness and response. The California Department of Water Resources (CA DWR) provides the Flood Emergency Response Program through which two exclusive grant programs is available: 1) The Delta - eligible applicants are the 5 county areas that comprises the Legal Delta (Sacramento, San Joaquin, Yolo, Solano and Contra Counties); and Statewide - all eligible areas other than the Delta.

Insofar as our Office manages and administers these awarded funds, we work in close coordination with our operational area partners such as Reclamation Districts (RDs), CAL Fire, CAL OES, California Conservation Corp, Bureau of Reclamation, CA DWR and the US Army Corp of Engineers, to name a few, to cooperatively leverage these monies to make smart and effective investments.

Unified in our mission we have brought enhanced capabilities to Sacramento County’s RDs. Together we have completed Emergency Safety Plans and evacuation routes, conducted table top and full scale exercises, provided Incident Command Structure / National Incident Management System training, and purchased and installed new stream gauges. More specifically, for RD 800 (an area of over 25,000 acres or almost 40 square miles along the Cosumnes River between Sloughhouse and Wilton), we invested in the development of evacuation / rescue and inundation maps. an Evacuation Plan which includes a public warning system in the event of a levee failure, as well as a plan for the evacuations of every affected school, residential care facility for the elderly and long-term health care facilities in the districts.

Exercising and testing each of the Emergency Safety Plans for the Delta RDs was a priority that was achieved through the design and execution of a table top exercise comprised of representatives from the Delta local levee maintaining agencies on July 20th 2017. The TTX was successful in building agency familiarity with these essential plans.

In order to validate the ESP and agency readiness we conducted a functional exercise on October 19th 2017 for personnel that will be involved in an actual flood fight. This scenario-based exercise provided essential practice for flood response protocols and procedures contained within the ESP and opportunity to create greater familiarity and confidence with their critical roles and responsibilities.
OES DUTY OFFICER

THE DUTY OFFICER PROGRAM IS THE FIRST LINK IN IMPLEMENTING COORDINATION DURING AN EMERGENCY OR DISASTER

Sac OES Coordinators (serving as Duty Officers) are on-call 24 hours a day, 7 days a week to respond to incidents throughout the County. They respond to calls ranging from hazmat, large structure fires or wildfires, rain events and to major incidents that may require coordination and assistance from OES, but may not trigger activation of the Emergency Operations Center.

When in the field, Duty Officers may support an Incident Commander with logistics needs, pre-activation coordination, and provide for timely and accurate public alert and warning, including information that may be disseminated on social media.

During after-work hours, Duty Officers coordinate elements of an EOC response.

On August 30, 2017 OES supported the Sacramento Sheriff’s Department with logistical needs in response to a large-scale shooting incident involving a wanted subject who had engaged law enforcement in a gun battle injuring four officers. One of those officers, Deputy Robert French, died as a result of the attack.

- 130 DUTY OFFICER RESPONSES PER YEAR
- 446 DUTY OFFICER NOTIFICATIONS PER YEAR
- 97 WEATHER ALERTS PER YEAR
Sacramento County OES serves as the administrator for the State Homeland Security Grant Program (SHSGP) for the Sacramento Operational Area. This is a FEMA federal grant, passed through the State of California and the Sacramento Operational Area, to public safety agencies within the County. The purpose of the grant is to build capabilities to protect against, prevent, respond to, and recover from terrorist acts and other types of emergencies or disasters. Each year, public safety agencies within the Operational Area may submit projects for consideration for SHSGP funding. Project funds are substantial benefit to the entire Operational Area, and emphasizes projects which address operational necessities, improve compliance with new/developing State & Federal standards, build new regional capabilities, measurably improve existing capabilities, or create sustainable solutions.

During this fiscal year, the 2015 SHSGP grant projects have been completed. All projects were fully expended and Sac OES received all of the reimbursements from the State. 2016 SHSGP grant projects were started and available under the following four categories: Equipment, Planning, Training, or Exercise.

The Approval Authority determines how grant funds will be allocated to the submitted projects. As the total amount requested is often several times the amount available, many projects cannot be funded, or may receive only partial funding. The Sacramento Operational Area Approval Authority traditionally prioritizes projects which bring will continue to be expended until the end of next fiscal year when the performance period ends. As for the 2017 SHSGP grant, none of the projects have started this fiscal year. The State’s delayed approval pushed back the start of the grant. Therefore, this grant will see an increase in expanded projects next fiscal year and until the end of its performance period. 2018 SHSGP grant will not start until next fiscal year or until Sac OES receives approval from the State.
HOMELAND SECURITY GRANTS

A common trend that is showing up in SHSGP grants within the last four years is Personal Protective Equipment. This equipment is requested by all public safety agencies that are in the field during a disaster, public health outbreak or a terrorist attack. Some of those trends are: HazMat equipment for Fire Departments totaling $151,777; Rescue Equipment for Fire Departments totaling $136,942; Regional Personal Water Equipment for Fire Departments totaling $173,238; Personal Protective Equipment for DHHS- Public Health Division and Coroner totaling $72,623; and Ballistic Protective Personal equipment and Mobile Field Force Personal Protective Equipment for Law Enforcement totaling $116,776. The Operational Area most requested needed equipment is personal protective equipment in every public safety agency. Keeping people in the field force safe from personal danger is most needed and requested within this our region.

One of the projects that will continue within the next fiscal year is the award to SRRCS in the amount of $444,500 funded to update the P25 upgrade radio system network to a version 7.15 or higher. In addition, SRRCS grant funds will also go towards replacing their obsolete MOCAD system. The system alerts technicians of potential or existing system problems. The MOSCAD system is absolutely vital to reliable radio system operations.

2017 SHSGP PROJECTS

<table>
<thead>
<tr>
<th>Agency Name</th>
<th>Project</th>
<th>Funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of Sacramento Regional Radio</td>
<td>P2S Radio Upgrades &amp; Security Cameras</td>
<td>$290,625</td>
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<tr>
<td>Communication System</td>
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<tr>
<td>Sheriff Department</td>
<td>RTAC/CCIC</td>
<td>$450,000</td>
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<tr>
<td>Sacramento Fire Department</td>
<td>Regional Personal Water Rescue Gear</td>
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<td>Sacramento County Office of Emergency</td>
<td>Area Operations Plans</td>
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<tr>
<td>Services</td>
<td></td>
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<td>Community Link Capital Region</td>
<td>HandsOn Sacramento</td>
<td>$22,625</td>
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<td>MDT’s</td>
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<td>Sacramento County Office of Emergency</td>
<td>Operational Area Training</td>
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<td>Sacramento County Office of Emergency</td>
<td>EOC-GIS Data Geospatial</td>
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<td>Services</td>
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<td>City of Sacramento</td>
<td>Disaster Plan</td>
<td>$25,000</td>
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<td>Sacramento Sheriff’s Department</td>
<td>Mobile Field Force (MFF) Protective Equipment</td>
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<td>Folsom Police Dept.</td>
<td>Tactical Dispatch Training</td>
<td>$6,204</td>
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<tr>
<td>Sacramento County Office of Emergency</td>
<td>Regional Alert and Warning System: Everbridge</td>
<td>183,900</td>
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ACCESSING LIFE-SAVING INFORMATION DURING CRISIS

2018 continues to see the Sacramento County Office of Emergency Service (SacOES) expanded ability to notify the public of an impending or ongoing emergency incident through our Mass Notification System, known as Sacramento Alert. Sacramento Alert (shared and funded by Sacramento, Placer and Yolo counties) is a web-based application that enables authorized county, municipal, and special district officials to disseminate public information rapidly and efficiently to the residents of Sacramento, as well as internally to employees, with important public safety information or information about government services.

The System’s growth with respect to contacts is the result of enhanced public awareness through campaigns encouraging citizens to opt-in to the notification system by self-registration, increased recognition by the public of the value of alerting systems due to recent large scale events around the state, and increased access, additional and more precise contact information via utility partners throughout our county operational area.

Unlike our countywide system that requires the input and maintenance of contact data, the Federal Emergency Management Agency Wireless Emergency Alert (WEA) System provides us a means to broadcast and alert to virtually every cell phone located within the vicinity of a cell phone tower within the county. WEA’s are effective in that the system does not require the end-user to opt-in or provide data in order to receive alerts, though WEA’s do not provide for pinpoint alerting to specific areas or demographics (albeit by the end of 2019 the FCC has determined that cell phone service providers increase significantly their ability to narrow the area to which a WEA can be targeted).

Understanding the importance of the WEA system capability, SacOES tests it, and all of our public alerting capabilities, on a routine and regular basis. We will continue to strive to meet the goal of ensuring the public has access to life-saving information and services during real-time crises events.

Sacramento Mass Notification System
"Contact Type & Number"

30,577 NEW OPT-INS
The Sacramento Medical Reserve Corps (SMRC) engages volunteers to strengthen and support Sac OES, Fire, Law Enforcement, Public Health, the Coroner’s Office and other medical agencies when a disaster impacts our community. Our volunteer members are Doctors, Nurses, Medics and medically trained support staff whom are currently employed or retired individuals. Volunteers help people in need with disasters and support our emergency response partners as well with exercises, flu clinics, health screenings, and first aid stations throughout the year.

1,265
VOLUNTEER HOURS

$37,823
VALUE OF DONATED TIME

2,990
CITIZENS REACHED AT EVENTS

163
VOLUNTEERS

EMERGENCY ASSISTANCE

- Provided medical care at shelters in Napa and American Canyon for the Napa fires
- On call for a Sacramento County Sheriff Officer shooting
- On call for Stephon Clark’s funeral services

FIRST AID STATIONS

- CA International Marathon
- Capitol Air Show
- Fair Oaks Library Color Run
- Sacramento Public Library Foundation’s Walk4Literacy
- RunK with the Cops 5K, Shriners Hospital for Northern CA Community Day
- American Jail Association’s National Conference
- Sacramento Housing and Redevelopment Agency’s Winter Festival and Egg Mania

The SMRC conducted 15 various trainings including: You Are the Help Until Help Arrives; First Aid; Psychological First aid and more. Volunteers attended 14 different events and exercises representing the Medical Reserve Corps and providing public education to attendees.
MEDICAL RESERVE CORPS

Senator Ted Gaines visit to the Sacramento County OES Emergency Operations Center to present the 2017 Nonprofit of the Year award to the Sacramento Medical Reserve Corps Foundation

SMRC memeber Deborah Goldstein was named 2018 Outstanding MRC Responder of the Year by the U.S. Department of Health and Human Services Assistant Secretary for Preparedness and Response.
The Sacramento County Office of Emergency Services (SacOES) could not be more fortunate for its special partnership with the Sacramento Regional Voluntary Organizations Active in Disaster (VOAD). This all-inclusive disaster response coalition of faith and community-based organizations has been a devoted and trusted partner and a reliable wealth of resources, whether during real world crises or in day-to-day planning.

This past year has held a demanding, yet productive, operational tempo. Leading the year off, beyond its many administrative dealings, VOAD participated in SacOES’ led Emergency Operations Center training on the submission and tasking of resource & mission requests utilizing WebEOC. This provided the multi-disciplinary VOAD membership valuable hands on experience in EOC work flow and the processing of requests from the field through the EOC and beyond – a critical function for VOAD’s integration and support operations during disasters.

Throughout the year, member organizations also answered the call time and again by deploying their capabilities to events such as: the October 2017 Sonoma County Wildfires - providing staffing and resources as part of the massive state-wide response and recovery mission; as well as to support critical mass care and sheltering operations during hurricanes Harvey and Irma.

**VOAD ACTIVITIES**

- February 2018 VOAD and SacOES co-hosted a half-day Table Top Exercise (TTX) at Folsom Fire Station 35
- March 2018 VOAD partnered with the Interfaith Community to host an enlightening and rewarding Disaster Response Forum in Sacramento.
- Through all that’s been achieved the SacOES-VOAD partnership continues to serve immeasurably well the citizens and public safety community of the County, and well as, stand as a model program for others to emulate.
Effectively managing and resourcing an incident, on the front lines or at our County Emergency Operations Center (EOC), is vital to saving lives and property. Among our primary tools is WebEOC, a web-based crisis management platform advanced through "lessons learned" in real-world disaster and "best practices" in technology.

The destructive Oakland Hills fires of October 1981 yielded new legislation enacting the Standardized Emergency Management System, a statewide architecture for coordinated incident command, reporting and mutual aid. Concurrently, California’s public safety leaders developed the Response Information Management System (RIMS) in order to respond and share information between the state and localities.

Current day WebEOC is the evolved successor of RIMS and as such supports our crises management suite of capabilities through more nimble and intelligently customized utilities.

It is the interface for our incident response missions providing a common operating picture for situational awareness, an information repository, a mechanisms to track real-time events and to secure and deploy resource and mission taskings.

Sacramento’s Operational Area partners to include municipal fire and law enforcement departments are provided access, and are encouraged, to employ WebEOC as a chief technology in support of all their planning and operational activities. The Sacramento County Office of Emergency Services, as the system administrator, works to provide user training and direct incident support while continually building system capacity.

Many planned and non-planned events requiring coordinated preparation across multiple organizations benefit greatly from WebEOC tools such as the Incident Action Planner upon which an entire Event’s integrated operations can be drawn. Whether a 2017 presidential visit, the California International Marathon or bicycle race like the California AMGEN, a large scale Sacramento Airport mass casualty exercise or unfortunately a real world fire or flood, WeEOC can provide a virtual space within which multiple disciplines can gather to create an effective event posture in protecting the citizens and property of Sacramento County residents.

1,343 OPERATIONAL AREA USERS
We offered members of Nextdoor the opportunity to comment on a poll for the County Evacuation Plan regarding confusing evacuation terminology. Overwhelmingly, residents responded 92% (N=6,153) that it would be their choice to stay or go. Due to the overwhelming response to the poll, the Evacuation Plan terminology has now changed from Voluntary Evacuation to Evacuation Advisory and Mandatory Evacuation Order.

Nextdoor is our fastest growing social media platform having grown by 175,412 users, an 86% increase since last year. Instagram is a service that has grown in popularity as a platform, but that gets a small amount of use from our office. Still, Instagram has grown by 13% over the last year.
SOCIAL MEDIA ANALYTICS
PREPAREDNESS AND OUTREACH

FACEBOOK AVERAGE ENGAGEMENT

TOP FACEBOOK POST

Did you receive the emergency test alert sent out this morning through the sacramento-alert.org system?

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TOP TWITTER POST

8% ENGAGEMENT RATE 4,568K IMPRESSIONS

Pinterest is an area where we keep information on Preparedness and share various infographics developed for social media. One of our infographics for the Joint Information Center (JIC) was published in the DHS Science and Technology Directorate publication “Social Media Business Case Guide”

The intent of our SoundCloud account is to share critical messaging as audio files for individuals who may have visual impairments.
EMMA DEPLOYMENTS

Sacramento County OES’ Matthew Hawkins surveying the fire damage.

At 9:43 p.m. on the eve of October 8th, 2017, multiple fires ignited in the Napa County City of Calistoga. Within hours the fire had swiftly spread into neighboring Sonoma County and set its course to ultimately become one of the most destructive fires in California’s history. With more than 110,000 acres of scorched land, nearly 100,000 evacuees, the destruction of 6,686 structures (5,143 of which were homes), billions of dollars in damages and the loss of 24 lives, these fires claimed a record setting toll and required an all-hands on deck response from across California and throughout neighboring states.

Like so many others, the Sacramento County Office of Emergency Services (SacOES) as well as other operational area (OA) partners set into motion to support response operations through personnel deployment via our emergency management mutual assistance system (providing for county to county resource and mission support).

In addition to Law Enforcement, Firefighters, Emergency Medical Services and the countless others from Sacramento that initiated deployments of personnel and strike teams, SacOES deployed staff in support of sheltering operations and to provide Emergency Operations Center logistical support, the Elk Grove Police Department provided Public Information Officers and the Sacramento Medical Reserve Corps deployed a cadre of medical professionals. We cannot underscore enough the tireless work of our OA partners and community in support of response and recovery efforts on this massive incident.
In January and February of 2017, Sacramento County proclaimed three different disasters for flooding that occurred within the County. Public Assistance funding was made available through the Stafford Act and California Disaster Assistance Act. Sacramento County submitted 35 projects for reimbursement funding with a match requirement of 6.25%.

The Finance Department has had the lead on coordinating project submissions, receiving and applying funds to the appropriate department accounts.

35 PROJECTS SUBMITTED
$2,083,430 COSTS SUBMITTED

OUTSTANDING PROJECTS REMAINING:

4301 (January 2017)
SACOC12
Roads, ditches, and Culverts (10 sites). $281,489.51. Through initial review (EHP Rework) as of 7/19/18.

4305 (January 2017)
All projects for DR-4305 have been awarded by FEMA

4308 (February 2017)
SACOD81
D-10 Manlove Pump Station. As of 2/6/18 Sacramento County should have received a determination memo, however, no determination memo has been received.
PLANNING PROJECTS

The Sacramento County Office of Emergency Services (SacOES), in close coordination with county partners, has finalized Continuity of Operations Plans (COOP) for each county department. COOP serves as essential business practice guidance for planning to address how critical operations will continue under a broad range of circumstances from an all-hazards approach. It is a collection of resources, actions, procedures, and information to guide individuals and organizations in the event of a major disruption of operations.

In support of COOP, SacOES developed and is coordinating a COOP Exercise & Training Program that is comprised of a half-day workshop - which covers the fundamentals of emergency preparedness, department mass notification capabilities, go-kits etc. - and a half-day table top exercise - in which department COOP managers work through a scenario-driven approach in decision-making and operations in a COOP environment.

Through our partnership with the Sacramento County Department of Personnel Services, SacOES successfully piloted the program in May. The results and feedback was positive and we continue to work closely with county departments to provide the workshop and table top exercise in an effort to ensure COOP is a fundamental pillar of our county-wide business processes.

ADDITIONAL COMPLETED PLANS