

# EXECUTIVE SUMMARY

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 countywide 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,

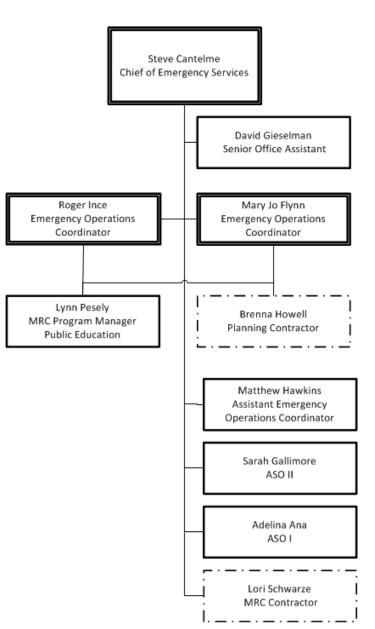
Stephen Cantelme Chief of Emergency Services EVEN WITH ALL OUR
TECHNOLOGY AND THE
INVENTIONS THAT
MAKE MODERN LIFE SO
MUCH EASIER THAN IT
ONCE WAS, IT TAKES
JUST ONE BIG NATURAL
DISASTER TO WIPE ALL
THAT AWAY AND
REMIND US THAT, HERE
ON EARTH, WE'RE STILL
AT THE MERCY OF
NATURE.

~NEIL DEGRASSE TYSON



## 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.

## TRAINING & EXERCISES



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.



### 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

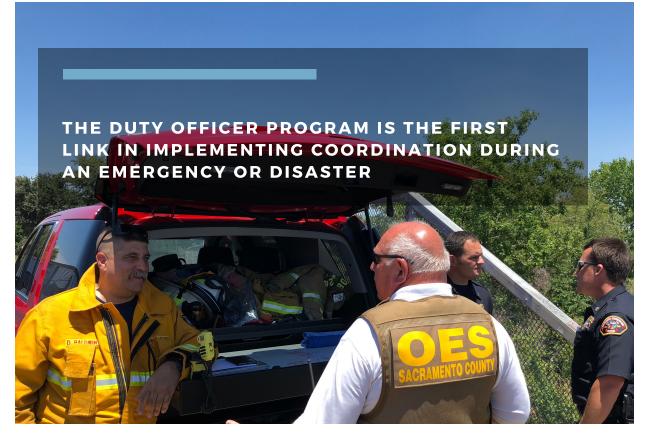
System training, and purchased and installed new stream gauges. More Specifically, for RD 800 (an area of over 25,000 acres or almost 40 square miles along the Cosumnes River between Sloughhouse and Wilton), we invested in the development of evacuation / rescue and inundation maps, an Evacuation Plan 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



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

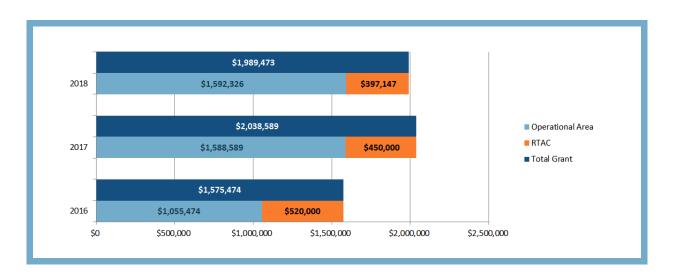
WEATHER ALERTS PER YEAR

## HOMELAND SECURITY GRANTS

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 quipment 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

2016 SHSGP PROJECTS

Agency Name	Project	Funded
County of Sacramento Regional Radio	P25 Radio Upgrades	\$444,500
Communication System		
Sheriff Department	RTAC/CCIC	\$520,000
Sacramento Fire	Regional Personal Water	\$60,000
Department	Rescue Gear	
Sacramento County Office of Emergency Services	Area Operations Plans	\$65,500
Community Link Capital Region	HandsOn Sacramento	\$40,000
Sacramento County Probation	MDT's	\$55,712
Sacramento County Office of Emergency Services	Operational Area Training	\$122,000
Sacramento County Office of Emergency Services	EOC-GIS Data Geospatial	\$10,000
City of Sacramento	Disaster Plan	\$25,000
Sacramento Sheriff's Department	Mobile Field Force (MFF) Protective Equipment	\$29,376
Sacramento County Office of Emergency Services	Management & Administration	\$12,320
Folsom Police Dept.	Tactical Dispatch Training	\$6,204
Sacramento County Office of Emergency Services	Regional Alert and Warning System: Everbridge	183,900

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 MOSCAD 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

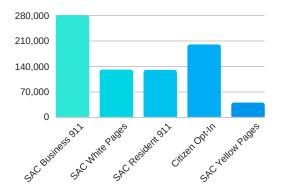
Agency Name	Project	Funded
County of Sacramento	P25 Radio Upgrades &	\$290,625
Regional Radio	Security Cameras	
Communication System Sheriff Department	RTAC/CCIC	\$450,000
Sacramento Fire	Regional Personal Water	\$113,238
Department	Rescue Gear	\$113,236
Sacramento Fire Department	Rescue Taskforce Equipment	\$21,273
Sacramento Fire	Regional HazMat	\$61,679
Department	Equipment	Ç01,075
Sacramento County Office	Sacramento Operational	\$25,000
of Emergency Services	Area Plans	
Community Link Capital Region	HandsOn Sacramento	\$22,625
Community Link Capital	2-1-1	\$29,075
Region		
CERT	CERT Equipment	\$20,000
DHHS	LECDAC Equipment & Training	\$9,986
Sacramento Medical Reserve Corps	MRC Equipment	\$85,558
Sacramento County Office of Emergency Services	Operational Area Training	\$40,000
Sacramento County Office of Emergency Services	Operational Area Exercise	\$20,000
Courtland Fire Dept.	Structural Protection Gear	\$40,000
Metro Fire Dept.	Air Operation Night Vision Flight Goggles	\$66,250
Sacramento County Office of Emergency Services	Management & Administration	\$76,380
Citrus Heights Police Dept.	Coplink	\$33,000
Sacramento County Office of Emergency Services	Regional Alert and Warning System: Everbridge	183,900

## 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 webbased 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

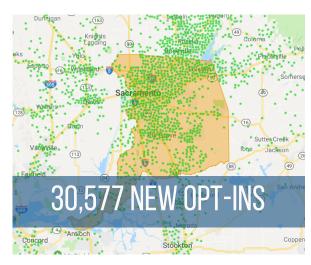
Sacramento Mass Notification System
"Contact Type & Number"



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 enduser 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 ts.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.





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.





\$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

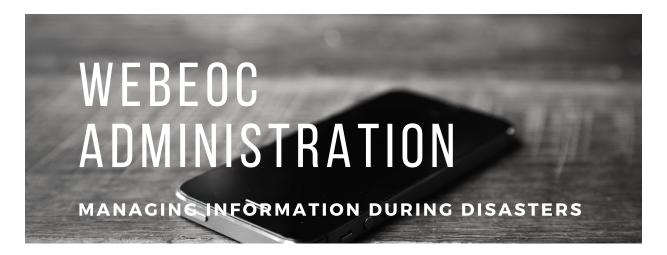
sheltering operations during hurricanes Harvey and Irma.

### **VOAD ACTIVITIES**

- February 2018 VOAD and SacOES cohosted 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.



October 2017 Sonoma County Fire: First Baptist's Kitchen Operations



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 crises 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.

1,343
OPERATIONAL
AREA USERS



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 word 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.



9,448

SOCIAL MEDIA FOLLOWERS

275,808

### NEXTDOOR SUBSCRIBERS

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.

1:54 MIN

AVERAGE VIEW
DURATION ON YOUTUBE

92%

## VOLUNTARY EVACUATION MEANS STAY OR GO

### TOP NEXTDOOR POST

Emergency Operations Coordinator Mary Jo Flynn, Sacramento Count...

Poll: How would you interpret the term "Voluntary Evacuation"?

Emergency Management and Law Enforcement agencies have responsibility to call for evacuations during disaster or emergencies. Sometimes the term Evacuation Advisory is shared publicly either by officials, the media, or residents as "Voluntary Evacuation."

How would you interpret the term Voluntary Evacuation?

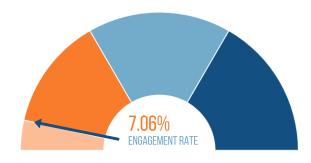
My choice to stay or go	929
Leave within the next few hours (1+ hrs)	39
Leave within the hour (<1 hr)	29
Leave Now	19
This poll has been closed.	6688 vote

Reply © 107 Q 67 · 64454 Impressions

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.



### FACEBOOK AVERAGE ENGAGEMENT



### TOP FACEBOOK POST



Bright yellow

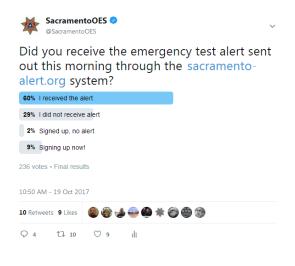
10.3% ENGAGEMENT RATE

www.SacramentoReadv.org

106.5K

Orange, Amber

### 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 allhands 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.

## 2017 STORMS RECOVERY



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

