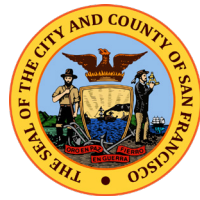




# Bay Area UASI Annual Report FY 2018-2019





## STRENGTHENING PUBLIC SAFETY THROUGH PREPAREDNESS



### GENERAL MANAGER'S LETTER



The Bay Area UASI presents its 2018-19 Annual Report highlighting our efforts to continually improve homeland security capabilities throughout the region. To remain consistent with Homeland Security Grant program goals, our prioritized efforts use a whole community approach that align with FEMA-designated core capabilities. Further, risk-based funding investments made in the last year have increased regional coordination and collaboration as we prepare for, protect against, respond to, and recover from terrorist incidents and catastrophic events.

In November 2018, the deadliest fire in California history, the "Camp Fire" claimed 85 lives, and destroyed 19,000 homes and businesses in the Butte County town of Paradise. In four hours, this firestorm caused \$16.5 billion dollars in damage, making it also the costliest in US history. Agencies from all over the Bay Area responded by sending firefighters, law enforcement personnel, emergency managers, and response equipment, to the affected area. This disaster tested the resolve of public safety agencies and communities to respond to the region's "new normal".

During this winter's floods in Napa and Sonoma Counties, UASI regional planning, training, and equipment were also put into use. The recently completed Care and Shelter Planning Toolkits were used to assist displaced people; training in Emergency Operations Center management increased regional capabilities and provided more staffing during lengthy disaster response periods; and the purchase of interoperable communications equipment, towable emergency generators, and mobile command center equipment provided mutual aid to the impacted jurisdictions.

Regional terrorism prevention efforts were advanced through training and exercises. Our Fusion Center, a multi-discipline entity, trained analysts to conduct special event threat assessments to prevent acts of terrorism at large crowd venues. Our Preventive Rad/Nuc Detection program increased the regional awareness of potential threats by conducting "Vigilant Guardian", a tabletop exercise that included local, state, and federal subject matter experts.

The Management Team continually reevaluates its policies and procedures to ensure we are providing jurisdictions with excellent service in the management of grant funds. The fiscal staff works closely with the sub-recipient jurisdictions to ensure that they remain in compliance with grant requirements.

As the region continues to recover from the devastation of last year's wildfires and floods, we wish to again thank our first responders who put their lives on the line and to the emergency management community who opened shelters and provided comfort to the thousands of people affected by the events of this year.

Sincerely,

Craig Dziedzic

## MISSION

The Bay Area Urban Areas Security Initiative funds programs that help the region prevent, protect, respond to, mitigate, and recover from terrorist incidents and catastrophic events.

## CORE CAPABILITIES

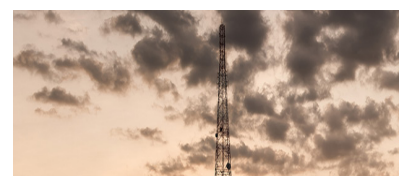
The National Preparedness Goal describes 32 activities, called core capabilities, that address the risks to the nation. These core capabilities are allocated to the five mission areas of Prevention, Protection, Response, Mitigation, and Recovery. Bay Area subject matter experts meet annually to review applications and determine whether proposed projects includes a nexus to terrorism and falls into at least one mission area and one core capability.

## REGIONAL WORK GROUPS

Designed to enhance public safety and security throughout the Bay Area, the UASI's multi-disciplinary work groups are comprised of local, state, and federal subject matter experts working to achieve the National Preparedness Goal. These work groups conduct risk and capability assessments, support policy development and implementation, develop and disseminate tools, and share best practices around the region.



**CBRNE**



**BAYRICS RADIO OPERATORS  
ADVISORY GROUP**



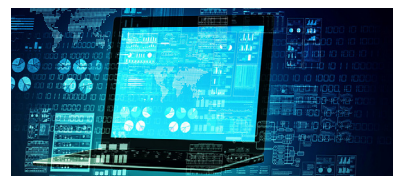
**CYBER RESILIENCE**



**EMERGENCY MANAGEMENT**



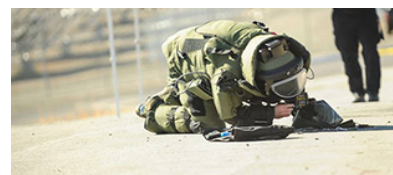
**PUBLIC INFORMATION &  
WARNING**



**PUBLIC SAFETY INFORMATION  
SHARING**



**MEDICAL & PUBLIC HEALTH**



**TRAINING & EXERCISE**

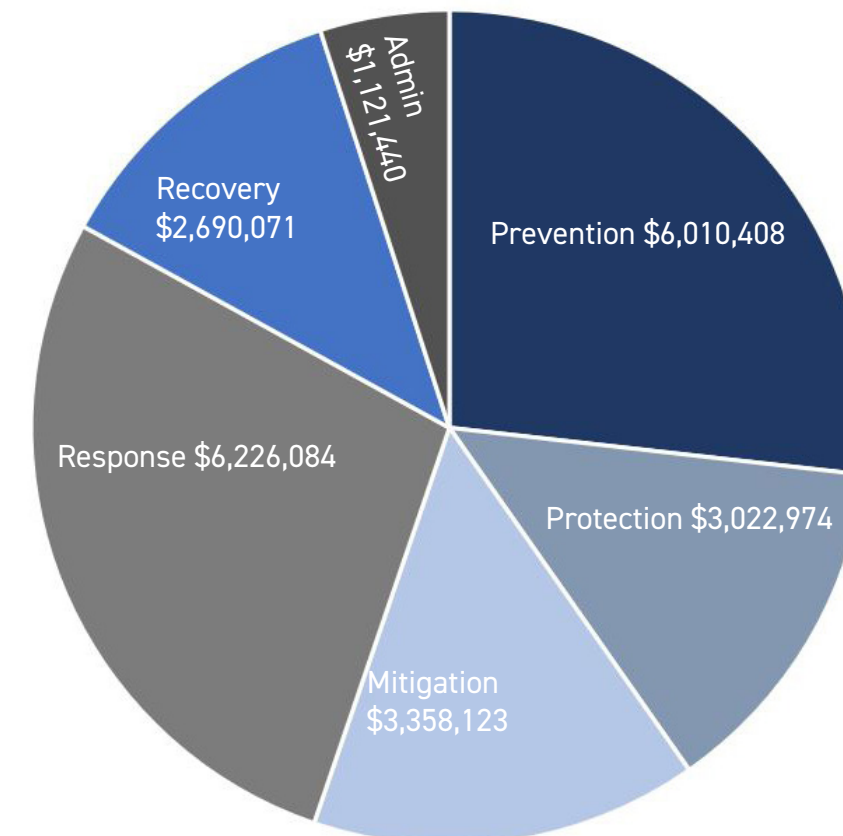
## APPROVAL AUTHORITY

An eleven-member Approval Authority directs the Bay Area UASI through a multi-year master agreement. This Brown-Acted body includes representation from each of the three major cities (San Francisco, Oakland, and San José) and the twelve counties located within the Bay Area UASI footprint. This group provides policy direction and is responsible for final decisions regarding projects and funding.

## MANAGEMENT TEAM

Under the direction of the General Manager, the Bay Area UASI Management Team administers grant funds and implements the policies of the Approval Authority. The Team is comprised of program managers and grant specialists and serves as the liaison between the City and County of San Francisco (the Bay Area UASI fiscal agent), the Department of Homeland Security, the State of California, and local government grant sub-recipients.

## FISCAL EXPENDITURES FY17



### Approval Authority Members

**Mary Ellen Carroll (Chair)**  
Executive Director  
City & County of San Francisco  
Dept. of Emergency Management

**Richard T. Lucia (Vice Chair)**  
Undersheriff  
Alameda County Sheriff's Office

**Mark Robbins**  
Undersheriff  
San Mateo County Sheriff's Office

**Raymond Riordan**  
Director Office of Emergency Mgmt.  
City of San José

**Mike Casten**  
Undersheriff  
Contra Costa County Sheriff's Office

**Gerry Malais**  
Emergency Services Manager  
Monterey County  
Office of Emergency Services  
Represents Santa Cruz & San Benito

**Robert Doyle**  
Sheriff  
Marin County Sheriff's Office

**Toshia Shavies Marshall**  
Emergency Services Manager  
Oakland Fire Department Office of  
Emergency Services

**Michael Cochrane**  
Deputy Chief of Administration  
San Francisco Fire Department

**Dana Reed**  
Director  
Santa Clara County Office of  
Emergency Services

**Christopher Godley**  
Emergency Manager  
Sonoma County  
Office of Emergency Services  
Represents Napa & Solano



# Uncovering the Threat

Developing capabilities to **PREVENT** acts of terrorism increases regional security.



## **Forensics & Attribution**

Developed a crime strategies unit to analyze transnational and domestic terrorist organizations including a pilot program to provide ballistic analysis for gun related crimes. Sustained funding for a digital forensic evidence laboratory which analyzes data retrieved from phones and computers used in criminal activity.



## **Intelligence & Information Sharing**

Funded the Northern California Regional Intelligence Center (NCRIC) Terrorism Liaison Officer program which trains local first responders to identify and report suspected terrorist activity. Last year, 962 "Suspicious Activity Reports" were vetted by NCRIC intelligence analysts and 185 elevated threats were forwarded to the FBI's Joint Terrorism Task Force. Additionally, the UASI-funded data warehouse and exchange programs enhanced investigators' abilities to cross reference data across jurisdictional boundaries.



## **Public Information & Warning**

Provided "Situational Awareness Bulletins" to public safety partners and private sector owners/operators of critical infrastructure about current threats in the region. The bulletins contain law enforcement sensitive and classified updates to developing situations that may impact their area of responsibility.



## **Operational Coordination**

Conducted special event threat assessments and provided onsite support for large public events including parades, conventions, and professional sporting events.



## **Screening, Search & Detection**

Hosted "Vigilant Guardian", a regional tabletop exercise, to assess the capabilities of first responders to identify and respond to a radiological detection alarm incident. The scenario was based on a fictitious terrorist organization that detonates radiological dispersal devices in a complex coordinated terrorist attack.



"UASI funding for fusion centers has been instrumental in terrorism prevention. It enhances our ability to gather and share suspicious activity information collected by first responders with the FBI's Joint Terrorism Task Force. Any imminent threats or BOLOs can be redistributed back down to local jurisdictions through situational awareness bulletins."

-Mike Sena  
NCRIC/HITDA Director

# Safeguarding our Citizens

By addressing threats and hazards to our citizens, assets, and critical infrastructure, we **PROTECT** our community.



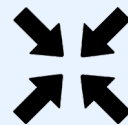
## **Cyber Security**

Funded cyber security upgrades to 911 dispatch centers to increase protection against malicious activities. Provided training to improve cyber resilience of public safety agencies and critical infrastructure systems.



## **Intelligence & Information Sharing**

Invested in aerial intelligence communication systems; automated license plate readers; GIS dataset information; and helicopter downlink systems. Provided training courses in intelligence planning.



## **Operational Coordination**

Provided funds for police operations center upgrades; purchased solar powered camera trailers for large-scale event support. Conducted training in aerial patrol operations; incident command system protocols; and executive level courses in policy-making for catastrophic events & terrorist attacks.



## **Planning**

Funded homeland security planning staff and provided training in emergency operations center action planning and essential emergency management concepts.



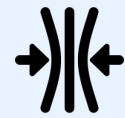
## **Screening, Search & Detection**

Purchased bomb squad K9 equipment and radiological screening and detection units for patrol officers. Offered training courses in bomb robot maintenance and hazardous device dive supervision.



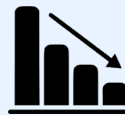
# Lessening the Impact

Through increased risk awareness, whole community preparedness efforts, and enhanced public alert systems, we **MITIGATE** the loss of life and property.



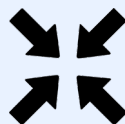
## **Community Resilience**

Funded mass care & shelter and community resilience planners across the region and conducted a full scale shelter exercise to test capabilities. Continued funding the “Stop the Bleed” campaign- a program designed to mitigate the deadly impacts following an active shooter event. Provided training for Community Emergency Response Teams and conducted courses in emergency volunteer operations, donations management, and integrating access and functional needs into emergency planning.



## **Long Term Vulnerability Reduction**

Developed a public health intelligence program to rapidly identify and mitigate contagious disease outbreaks or drug overdoses resulting from the opioid epidemic.



## **Operational Coordination**

Formed a critical transportation and evacuation committee of subject matter experts to evaluate capabilities and conduct a full scale regional exercise. Developed Joint Information System toolkits and templates to coordinate information sharing across jurisdictional boundaries. Purchased WebEOC upgrades for emergency operations centers to facilitate cross-jurisdictional coordination following an incident.



## **Public Information & Warning**

Funded mass notification systems and launched public outreach campaigns to increase the number of residents subscribing to these systems. Hosted a mass notification conference to discuss tools, techniques, and policies surrounding alerting the public to impending disasters.



## **Threat & Hazard Identification**

Conducted the annual Threat and Hazard Identification and Risk Assessment (THIRA) process to identify the threats and hazards facing our region and define our capability to handle such threats.



*“The Commodity Point of Distribution Field Operations Guides available on the UASI website were very useful tools during the North Bay fire response. The guides helped us set up distribution sites that provided personal protective equipment to residents.”*

**-Raymond Riordan**  
Emergency Services Director  
San Jose Office of Emergency Management



# Answering the Call

Building the capabilities necessary to **RESPOND** quickly, saves lives and protects property after a catastrophic incident.



*"Techniques learned in our maritime classes have allowed us to perform life-saving rescues in San Francisco Bay's treacherous waters and courses in technical high angle rope rescues recently allowed us to save a man clinging to a cliff at Marshall's Beach."*

**-Michael Cochrane**  
Assistant Deputy Chief  
San Francisco Fire Department



## **Mass Search & Rescue**

Funded Forward Looking Infrared Radar (FLIR) Systems and technical rescue extraction equipment. Provided open water and maritime rescue training and various rescue courses including: advanced rope rescue, confined space rescue, and trench rescue.



## **Operational Communications**

Invested in P25 compliant radios & infrastructure upgrades and conducted communications technician training to improve interoperability. Sustained funding for the BayRICS JPA which provides policy direction on interoperable communications.



## **On Scene Security, Protection & Law Enforcement**

Provided response equipment including: bomb robots, protective suits, night vision goggles, breathing apparatuses, rescue task force ballistic vests, and chemical detection equipment. Upgraded mobile command center and purchased special response unit vehicles. Provided training in K9 tactical emergency casualty care, night vision hostage rescue, and EOD hull search tactics for maritime bomb squads.



## **Operational Coordination**

Purchased towable emergency generators to provide on-scene power for first responders and provided training courses in critical incident response.



## **Public Health & Emergency Medical Services**

Funded first responder trauma kits and provided training in tactical lifesaving techniques. Purchased a centrifuge to provide bioterrorism response testing services.



## **Public Information & Warning**

Conducted advanced Public Information Officer training to facilitate regionally coordinated messaging in an all-hazards incident.



## **Situational Assessment**

Continued funding CalCOP, a situational awareness platform; hired Watch Center coordinators to assess incidents that may require an Emergency Operations Center activation. Conducted a workshop designed to provide senior level/elected officials with the tools necessary for the rapid assessment of critical incidents.

# Rebuilding Community

Stabilizing critical infrastructure functions and minimizing health and safety threats allows our region to more rapidly **RECOVER**.



## **Economic Recovery**

Hired emergency planners to develop plans and programs that facilitate business recovery after a disaster. Training classes in disaster cost recovery educated fiscal staff to ensure federal reimbursement after an event.



## **Planning**

Completed the regional care and shelter capability building project. Project deliverables included: a memorandum of understanding toolkit for shelter facility-use contracts; a public information community outreach toolkit; and a review of animal sheltering plans.



## **Housing**

Conducted a full-scale exercise to test local care and shelter operations. Over 2,500 volunteers and staff activated 55 Emergency Operations Centers and opened 18 shelter sites throughout the region. The exercise also tested joint information system capabilities to provide clear and consistent public messaging of shelter operations following a disaster.



## **Infrastructure Systems**

Purchased equipment to restore critical lifelines after an event including: emergency logistics trailers and GIS mapping equipment that assists in the assessment of damaged or degraded infrastructure.



## **Operational Coordination**

Utilized WebEOC to support resource request functions between county emergency operations centers and the CalOES State Operations Center during the fires and floods that occurred in the region. Conducted recovery training courses in: finance, logistics, and planning.



## **Natural & Cultural Resources**

Submitted 50 Environmental and Historic Preservation requests for approval to California Office of Emergency Services. These requests are designed to ensure that all UASI funded training & exercises comply with federal laws designed to protect and maintain environmentally sensitive areas and preserve culturally significant sites for future generations.



