



COUNTY OF SAN MATEO DEPARTMENT OF EMERGENCY MANAGEMENT

Emergency Services Council Meeting

*****IN-PERSON WITH REMOTE PUBLIC PARTICIPATION AVAILABLE****

January 18, 2024 5:30 PM – 7:00 PM

**Regional Operations Center
501 Winslow Redwood City, CA 94063**

Join Zoom Meeting

<https://smcgov.zoom.us/j/99869590056?pwd=WFBOSE5aUjZzdHpHZ0FJTCTYN0Nmdz09>

Meeting ID: 998 6959 0056

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AGENDA

- | | | |
|----|--------------------------------------------------------|----------|
| 1. | Roll Call | Chair |
| 2. | Approval of Agenda | Chair |
| 3. | Approval of minutes (June meeting) | Chair |
| 4. | Public Comments, Correspondence (Clerk), Announcements | Clerk |
| 5. | Director's Vision | Director |
| 6. | Alert and Warning Presentation | Staff |
| 7. | Evacuation Modeling Software Demonstration | Guest |

Consent Items:

All items on the consent agenda are approved by one action unless a request is made at the beginning of the meeting that an item be withdrawn or transferred to the regular agenda. Any item on the regular agenda may be transferred to the consent agenda.

- a. No Items

- | | | |
|-----|--------------------------------------------------------------------------|-------------------------------|
| 8. | Director's Report (Project Updates) | Director |
| 9. | Report Outs -Council members | Chair, Vice Chair,
Members |
| 10. | Adjournment | |
| 11. | Announcement of the next meeting: April 18 th , 2023 @ 5:30PM | Chair |

Meetings are accessible to people with disabilities. Individuals who need special assistance or a disability-related modification or accommodation (including auxiliary aids or services) to participate in this meeting, or who have a disability and wish to request an alternative format for the agenda, meeting notice, agenda packet or other writings that may be distributed at the meeting, should contact the Agenda Administrator of the Emergency Services Council at least 2 working days before the meeting at (650) 363-4790 and/or OESC@smcgov.org. Notification in advance of the meeting will enable the County to make reasonable arrangements to ensure accessibility to this meeting and the materials related to it. Attendees to this meeting are reminded that other attendees may be sensitive to various chemical based products.

June 15, 2023

Emergency Service Council

Meeting Minutes

Notes from 6/15/2023 Meeting of the San Mateo Operational Area Emergency Services Council

Meeting called to order at 5:30 PM on 6/15/2023

Present Were:

Atherton - Absent
Belmont – Tom McCune
Brisbane - Absent
Burlingame – Absent
Colma – Carrie Slaughter
Daly City – Glenn Sylvester
East Palo Alto – Lisa Gauthier
Foster City - Absent
Half Moon Bay – Deborah Penrose
Hillsborough – Marie Chuang
Menlo Park -Absent
Millbrae - Absent
Pacifica – Sue Vaterlauss
Portola Valley – Craig Taylor
Redwood City – Kaia Eakin
San Bruno – Rico Medina
San Carlos – John Dugan
San Mateo – Robert Newsome
South San Francisco – Eddie Flores
Woodside - Absent
County of San Mateo – Warren Slocum

Public Comments, Correspondence, Announcements

Christina Dimas-Kahn: resident of El Granada. Expressed concerns about infrastructure weaknesses including lack of urgent care on the coastside. She supports a CRISP strategic plan and hope the ESC will support it.

Carlisle Ann Young: Supports CRISP strategic plan as well. Discussed permitting challenges and requested that BOS extend permit waivers. Encourages awarding of CRISP contract to be awarded to a coastside resident or someone very familiar with coast.

Action to Set Agenda and To Approve Any Consent Agenda Items

This item is to set the consent and regular agenda, and to approve any items on the consent agenda.

- 1. Approve Minutes of the May 4, 2023, Emergency Services Council Meeting** – Approved (San Bruno moved and Half Moon Bay seconded. No comments noted. This item passed without objection nor abstention.
- 2. Approve 2023-2025 Emergency Services Joint Powers Authority Budget** – No comments noted. This item passed without objection nor abstention.

3. **Approve 2023-2024 Emergency Services Council and Finance Committee Meeting Schedules –**
No comments or objections. This item passed without objection nor abstention.
4. **4. Approve setting a JPA Budgetary Reserves Minimum of \$500,000 and Maximum of \$1,500,000 –** No comments noted. This item passed without objection nor abstention.

Regular Agenda

5. Approve allocation of \$200,000 in JPA Budgetary Reserves for Coastside Resilient Infrastructure Strategic Plan (CRISP) (*San Mateo County Supervisor Ray Mueller*) –

Supervisor Mueller presented the CRISP strategic plan. Recent storms highlighted infrastructure vulnerabilities that have exposed lifelines to failure. More Monsoon Winters are coming and will worsen followed by prolonged dry periods. The coast can become isolated from healthcare and other critical services. Access routes in and out are impacted. Power & telecommunications were unreliable. Downed trees had wide-reaching affects. Proposed planning will look at the entire coast involving a couple of cities and a lot of districts.

This makes things difficult when trying to take a wholistic approach to planning, prioritizing, and funding projects in a wholistic manner. The second part of the CRSIP will focus on vulnerable populations.

Public Comments:

Harvey Rarback, Half Moon Bay commented: CRISP has been a long time coming. It's a rational approach. He agrees that there's a need for an urgent care facility for the coast. Broadband infrastructure is a health and safety problem that must be addressed.

Greg Dieguez supports the proposal but says things are missing from the plan: Evacuation planning, inadequate stormwater drainage & sewer systems, and a regional wildfire management plan. Any plan must be fiscally sustainable. Please include a member of the mid-coast council on any committees.

Sue Beckmeyer supports the project – she thinks it will be a collaborative project that will include all communities. She thinks the health and transportation issues noted are critical.

Carlyle Ann Young thanked the Supervisor for taking action quickly after his election. Evacuation shelters are lacking on the coast. When will the first meeting be?

Lisa Petersen supports the CRISP plan which will support vulnerable coastal populations. The study is a great start.

Tygarjas Bigstyck noted that CRISP connects many formerly disconnected projects and allows for a wholistic approach for the entire coast. He agrees that Urgent Care is a priority and needs a wholistic approach. He's grateful to the Supervisor for the CRISP plan. Ann fully supports the plan and thanks the Supervisor. She agrees with all of the previous comments. A written comment was also received and is included with these notes.

Matthew Chidester is appreciative of the work the Supervisor has done.

Emergency Services Council Member Comments:

John Dugan/San Carlos supports the plan and asked if the number of hours cited in the plan will be adequate. The Supervisor thinks it will.

Sue Vaterlaus/Pacifica also supports the plan. She thinks it's just a start that takes a wholistic approach that can be prioritized. She thinks that the county as a whole could use this type of plan.

Kaia Eakin/Redwood City asked about the evacuation portion and wanted to know whether the plan will duplicate existing on-going planning efforts. Don Mattei said that there will be cross-checking and integration to ensure no duplication. Supervisor Mueller agreed with Don Mattei.

Lisa Gauthier/East Palo Alto asked how long the plan will take. Don Mattei thinks it will take about a year and a half. Supervisor Mueller noted that some portions of the plan will move faster than others.

Rico Medina/San Bruno appreciates and supports CRISP.

Eddie Flores/South San Francisco says CRISP is a model for language and cultural sensitivity. He appreciates the Supervisors approach. Sue Valerlaus/Pacifica supports the plan. Glen Sylvester/Daly City thinks that CRISP is a equitable plan that could serve as a model for cities.

Marie Chuang/Hillsborough asked a question (that note taker couldn't hear – very low volume). Supervisor Mueller said CRISP will harmonize multiple projects that will get parties on the same page to make the most effective use of resources. Motion was made and seconded.

No further comments noted. This item passed without objection nor abstention.

6. Allocation of \$200,000 in JPA Budgetary Reserves for Purchase of 2 Department of Emergency Management Emergency Response Vehicles.

County DEM Director Don Mattei made the case to replace the used vehicles DEM currently uses. This is a one-time ask from the ESC. DEM will handle all maintenance and operations costs. This ask will also begin an on-going funding path that will allow for future replacement.

Glen Sylvester/Daly City encouraged considering electric vehicles for future purchases and he supports the current request.

Deborah Penrose/Half Moon Bay asked for clarification about when more vehicles will be requested. Director Mattei noted that these are the only two vehicles being requested from the ESC. Two more vehicles will be acquired through a state contract later in the year.

Adam Ely/San Mateo County mentioned that there are questions as to the appropriate use of electric vehicles for emergency response. Another ESC (unidentified because Zoom didn't shift to his screen) member discussed the need to be able to refuel vehicles in the field. Kaia Eakin/Redwood City asked about the availability of electric vehicles.

County DEM Director Mattei noted that they are not very available. Councilmember Eakin encourages DEM to consider electric vehicles in the future. Sue from Pacifica supported the request.

Supervisor Slocum recommended against buying basic units. Item was moved and seconded. Motion carried.

No further comments or objections – this item passed without objection

7. Presentation: San Mateo County Fire Readiness (CalFire Deputy Chief Jonathan Cox) Director and Member Reports – Chief Jonathan Cox presented the PowerPoint included in these notes.

Public Comment:

Janet Borgens asked if any recent evacuations included any special need evacuees and what help is available to those requiring help getting to an evacuation shelter. Chief Cox noted that fire makes evacuation recommendations to DEM and local law enforcement. He added that helping evacuees with special needs is a challenge.

Carlyle Ann Young thanked Chief Cox and asked how many people are signed up for Zonehaven. Chief Cox referred her to County DEM and added that SMCAAlert now has capability to send Zonehaven maps along with the alerts.

Emergency Services Council Member Comments:

Craig Taylor/Portola Valley asked when Fire Hazard Severity Zone maps will be ready. Chief Cox said that he couldn't provide a due date for the LRA maps. SRA maps are under review before LRA maps will be released.

Lisa Gauthier/East Palo Alto recommended that SMC Alerts include direction to check on your neighbors.

No further comments noted. No vote was required on this agenda item.

8. **Director Report** – DEM Director Mattei thanked the ESC and reminded them that this will be his final ESC meeting. Supervisor Slocum thanked Director Mattei for doing a great job for 45 years in public safety.
9. **Members Report** – Several members thanked Director Mattei for his service and leadership.

Meeting adjourned at 7:17 PM on 6/15/2023

**Director's Vision:County of San Mateo
Department of Emergency Management**

PowerPoint Slides



Director's Vision: County of San Mateo Department of Emergency Management

Aligning with the National Preparedness
Goal (NPG)

Dr. Shruti Dhapodkar

Introduction



This presentation provides an insight into

- The efforts and key initiatives DEM is undertaking to align itself with the National Preparedness Goal.
- Demonstrating our commitment to the community's safety and resilience before, during, and after disasters.

About Us and Our Mission



Our mission is to advance community resilience through a proactive and comprehensive approach to emergency management, involving the whole community in every phase of disaster preparedness, mitigation, response and recovery.

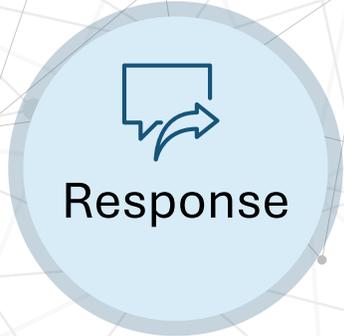
National Preparedness Goal (NPG)



A secure and resilient Nation with the capabilities required across the whole community.

It establishes Core Capabilities for executing

The Mission Areas



Preparedness Goal

Establishes

Core Capabilities

For Executing

Prevention



The capabilities necessary to avoid, prevent, or stop a threatened or actual act of terrorism.

Protection



The capabilities necessary to secure the homeland against acts of terrorism and manmade or natural disasters.

Mitigation



The capabilities necessary to reduce loss of life and property by lessening the impact of disasters.

Response



The capabilities necessary to save lives, protect property and the environment, and meet basic human needs after an incident has occurred.

Recovery



The capabilities necessary to assist communities affected by an incident to recover effectively.

Mission Areas

Benefits of Preparedness (Short Term)



Benefits of Preparedness (Long Term)



Decades of mitigation and preparedness efforts aimed at preventing wildfires



Lower insurance costs



Increase in housing affordability



Stronger sense of safety, security, and community



Higher quality of life



Decrease in overall stress/anxiety

DEM Goals and Priorities



1 Enhance Community Resilience by Fostering a Culture of Preparedness

2 Optimize Integrated Emergency Management by Strengthening Partnerships

3 Advance Technological Integration in Emergency Management to Make Data Driven Decisions

4 Ensure Rapid and Effective Response and Recovery

5 Promote Continuous Improvement and Innovation

1 Enhance Community Resilience



**Public
Education**



**Public
Information**



**Disaster
Preparedness
Day**



**Community
Outreach
Events**



**All-Hazards
Evacuation
Plan (AHEP)**



**Alert and
Warning**



2 Optimize Integrated Emergency Management



**Cities, Towns
and Special
Districts**



Fire



Law



Equity Work

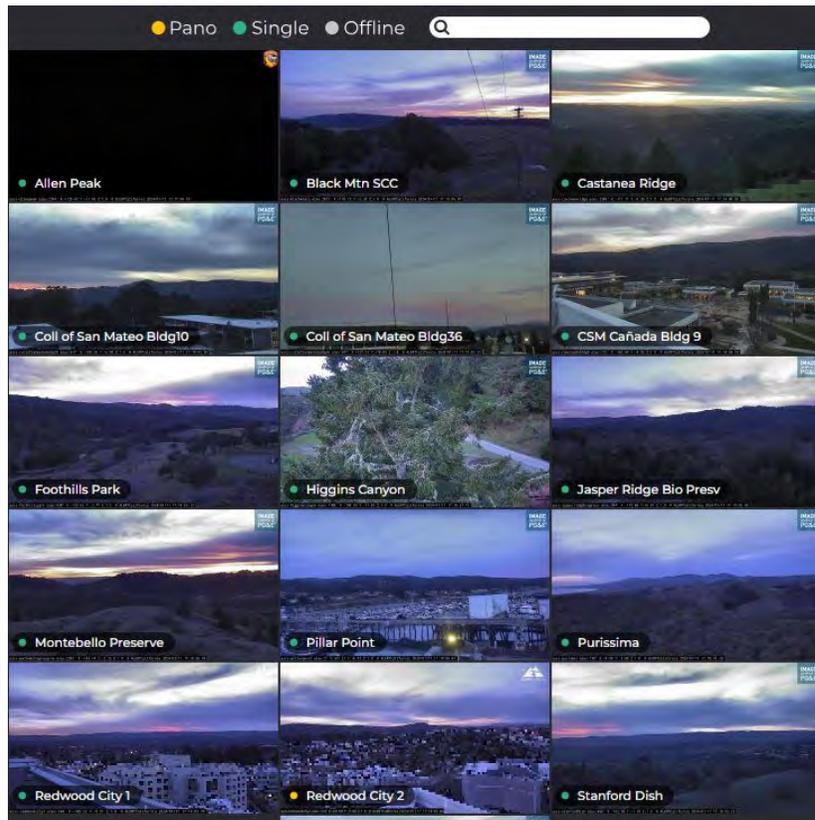


Grants



**DEM Brand
Promise**

Advance Technological Integration in Emergency Management



A.I. Integration

VEOCI Implementation

GIS Dashboard Development

Real Time Situational Awareness

Ensure Rapid and Effective Response and Recovery



Training



Exercises



Emergency Plans



Coordination

Promote Continuous Improvement and Innovation



**Strategic
Planning**



**EOC
Operations**



**Improvement
Plans**

Conclusion



San Mateo County DEM remains dedicated to enhancing the safety and resilience of our community through strategic initiatives across all phases of emergency management.



Q&A

Alert & Warning

PowerPoint Slides



Alert and Warning

Ryan Reynolds

Purpose



Understanding tools that will be used by Department of Emergency Management for Alert and Warning



Understanding how and when Alert and Warning tools will be utilized



SMC Alert (Subscription) vs IPAWS (Opt-out)



SMC Alert

- Subscription-based platform
- Used to send alerts during critical or urgent situations
- Can alert the public via text, call, or email



IPAWS

- Used during life safety emergencies to alert the public
- Wireless Emergency Alerts (WEA)
- Emergency Alerts System (EAS)
- Non-Weather Emergency Message (NWEM)



What is IPAWS?



The Integrated Public Alert & Warning System (IPAWS) is FEMA's national system that federal, state, territorial, tribal, and local authorities may use to issue critical public alerts and warnings



IPAWS allows for the delivery of authenticated emergency information through a variety of platforms



History of IPAWS



Prior to IPAWS, the Emergency Alert System (EAS) was the nation's primary alert and warning system



IPAWS was established under Executive Order 13407 in 2006



IPAWS saw major improvements under the IPAWS Modernization Act of 2015



1951 - 1963
CONELRAD



1963 - 1997
EBS



1997 - 2006
EAS



2006
IPAWS



IPAWS Communication Pathways

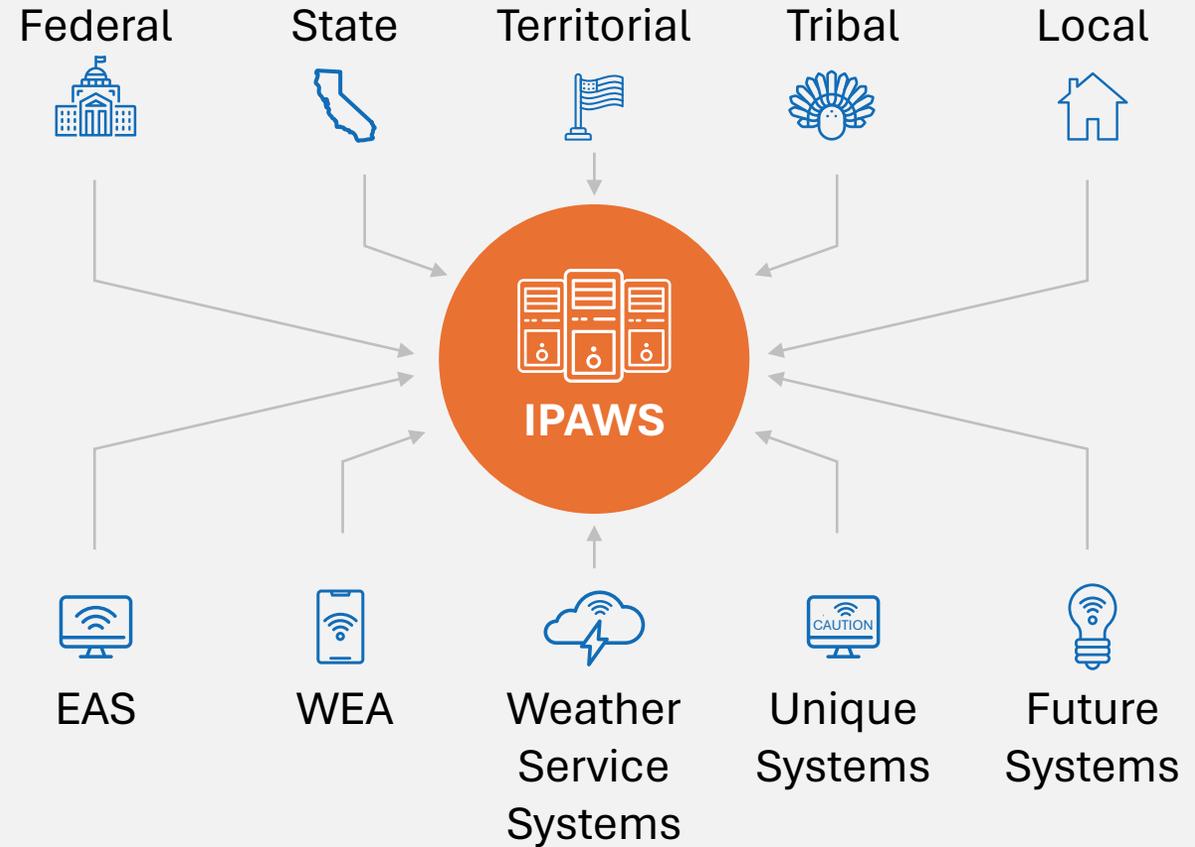


Emergency Alert System (EAS)

- Designed to be targeted to whole states or by county
- Broadcast to television and radio

Non-Weather Emergency Messages (NWEM)

- Broadcast distribution is county-wide
- Broadcast by NOAA Weather Radio

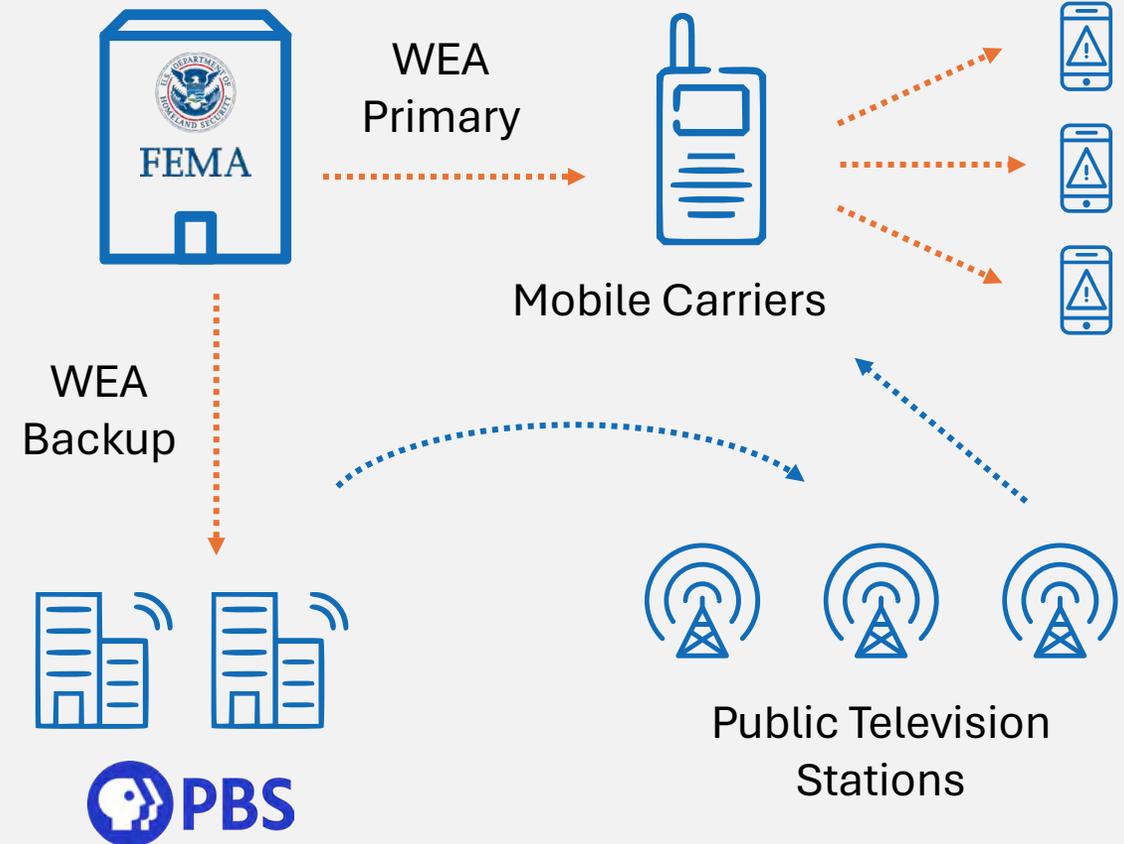


IPAWS Communication Pathways (Cont.)



Wireless Emergency Alerts (WEA)

- WEAs look like text messages, but have a unique sound and vibration pattern
- WEAs are not affected by network congestion and will not disrupt your texts or calls
- WEAs require no subscription and are free of charge
- Polygon shapes can be utilized to send messages to geo-targeted areas within a county
- PBS WARN acts as a redundant, backup system for transmitting alerts



Recent Examples of WEAs



October 2021

Immediate evacuation due to heavy rains, winds, and flash flooding in Pescadero

March 2022

Shelter in place for a railroad track fire in San Bruno

October 2023

National Test of the EAS and WEA

PBS | WARN
Warning, Alert & Response Network

Alert List

All alerts | All Types

California x

San Mateo, California x

Start date → End date

Search by Text

Include Alert Versions

[Reset filters](#)

EXPIRED REQUIRED WEEKLY TEST

Testing using code RWT. This is not being sent to the public. No action is required.

SENDER: CA-SanMateo-County | EXPIRES: 11/30/2023 13:04:59

EXPIRED EARTHQUAKE WARNING

USGS Earthquake Warning

SENDER: US GEOLOGICAL SURVEY, Pasadena, CA | EXPIRES: 10/18/2023 09:34:20

Upcoming Enhancements for WEAs



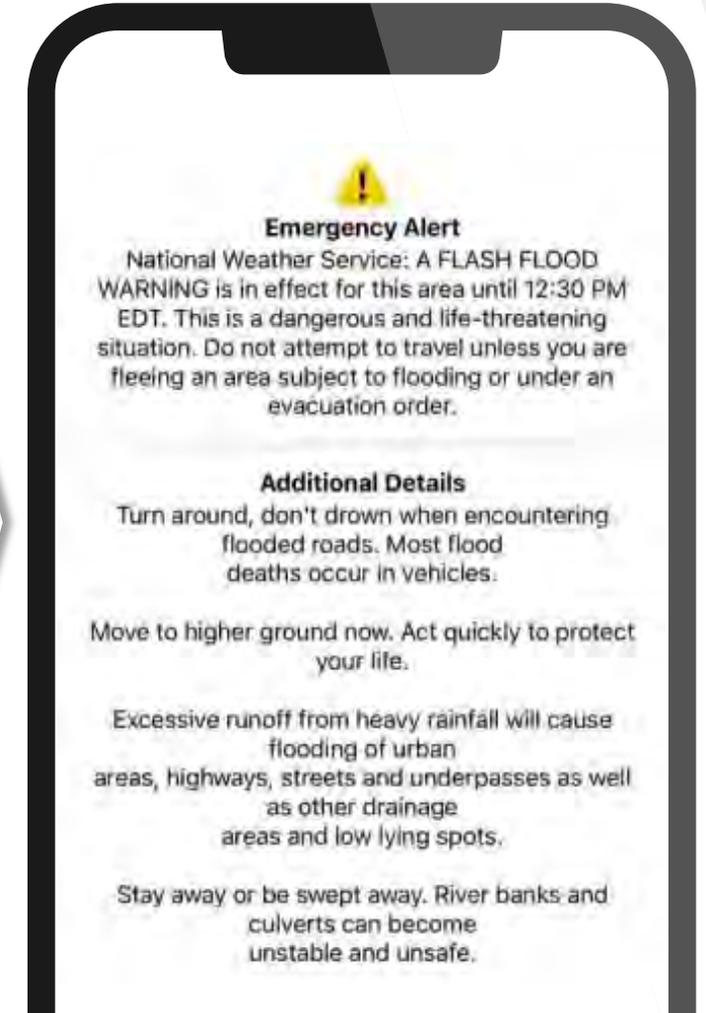
Cell phone networks will be required to send WEAs in over a dozen languages



WEA alerts will include maps to show people their proximity to the threat



iPhones with iOS 17 will be able to receive expanded WEA messages



Other Forms of Alert and Warning



Coastal Tsunami Sirens



MyShake App



Local Radio Stations



Genasys Protect App





Questions?



Director's Report



Date: January 18, 2024
To: Members of the Emergency Services Council (ESC)
From: Dr. Shruti Dhapodkar, Director
Subject: Director's Report

This memo provides an overview of the accomplishments and developments undertaken by the Department of Emergency Management (DEM) in the last quarter of 2023. Our efforts during this period have been focused on enhancing community resilience and preparedness.

1. Activation of the Emergency Operations Center for APEC Event

The San Mateo County Emergency Operations Center (EOC) was activated at Level 2 to support the Asia-Pacific Economic Cooperation (APEC) summit. In collaboration with the Sheriff's Office, we provided situational awareness and coordination for dignitary arrivals and departures at SFO, including high-profile events involving the Vice President, First Lady, and Presidents Xi and Biden. Additionally, DEM provided logistical support for field units and sent Coordinators to the SFO and SF EOCs as liaisons.

We partnered with numerous agencies, including local police departments and county departments, to ensure a seamless operation. This event was a valuable opportunity to test our EOC capabilities, particularly in technology usage such as live-streaming body cam, live drone footage and radio communication interoperability. The APEC summit also enabled DEM to strengthen relationships with external stakeholders around the Bay Area.

2. Storm Preparedness and Community Engagement

Alongside the Office of Community Affairs (OCA), we have increased our community outreach efforts in storm-prone areas such as North Fair Oaks, Pescadero, and Belmont Trailer Park.

Our initiatives included:

- Conducting community outreach events.
- Encouraging people to sign up for SMC Alerts.
- Distributing emergency supplies to over 450 vulnerable families.

Further, we have prepared response and recovery materials for post-storm events for



towns and cities. We also procured additional sandbags to mitigate the impact of potential flooding.

3. Virtual Emergency Operation Platform - VEOCI

The virtual EOC platform has been successfully integrated into all participating cities and towns, a significant leap from just the one city build-out in August. We are now focused on training city officials in the effective use of VEOCI and providing technical assistance where needed.

4. Coastal Resiliency Infrastructure Strategic Plan (CRISP)

In our efforts to enhance coastal resiliency, we have begun scoping the CRISP project with Supervisor Mueller. The project charter is currently in development, outlining the strategic phases of this initiative.

5. DEM Website Update

Our new website has been launched, offering a more user-friendly interface with comprehensive emergency preparedness information, ensuring greater public accessibility and awareness.



6. Measure K Evaluation Process

County departments are reviewing 315 applications for Measure K sales tax funds focused on children, families, seniors, emergency preparedness, housing, and homelessness.

- A Notice of Funding Opportunity was released in November 2023, with the application window closing on January 5.
- The total funding request is \$750 million over three years, with first-year requests alone exceeding \$251 million. This surpasses the annual availability of \$35 million to \$37 million, indicating a highly competitive selection process.

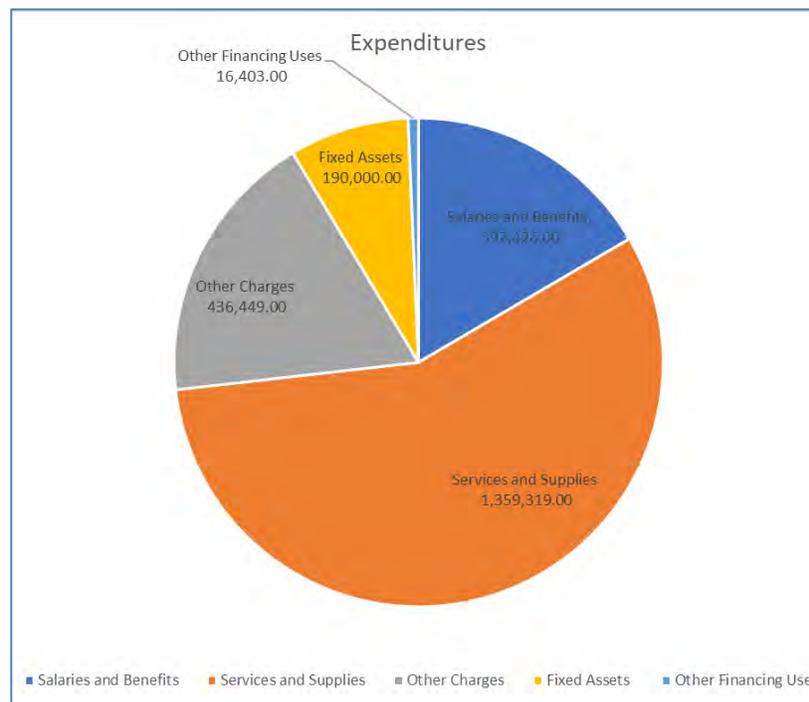
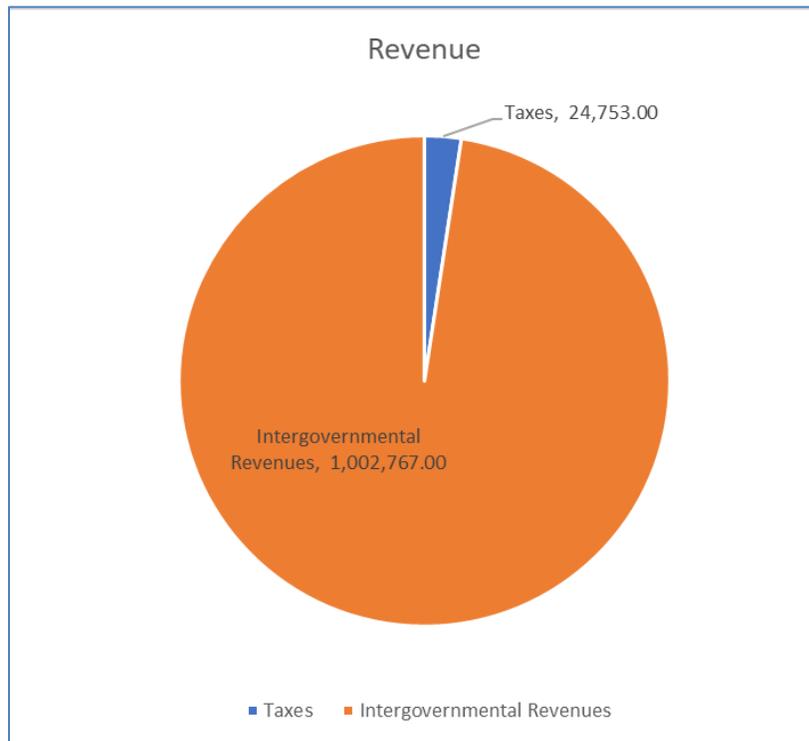
7. Vehicle Procurement

The Request for Information (RFI) for 2 DEM vehicles has been reissued due to a lack of bids in the previous solicitation, reflecting our ongoing efforts to enhance our operational capabilities.

8. Personnel Recruitment

We are expanding our team with 4 openings for emergency coordinator positions, with plans to post 3 additional positions, strengthening our department's response and management capabilities.

9. Fiscal Updates



10. Attachments

- APEC Report
- 2024 DEM Org Chart

COUNTY OF SAN MATEO



Asia - Pacific Economic Cooperation (APEC) Economic Leaders' Week November 11-17, 2023

Emergency Operations Center (EOC)

- Improved decision-making capabilities through first time use of technology:
 - Livestreaming body cam and drone video to EOC
 - Radio Communication interoperability between SF, SFO, and SMC
- Use of Virtual EOC Management Platform Veoci to provide situational awareness and resource management
- Enhanced coordination and information sharing with SFO, SF EOC, and SF MACC.



Sheriff's Field Units

#of personnel

- SFO Airport Ops - HQ Element
- Motors
- Transit
- SFIA Dignitary Protection
- Mobile Field Force
- SWAT
- Marine Unit
- Bomb Squad
- Multi-Agency Communication Center
- Communications Unit

- 3 Atherton PD
- 32 Belmont PD
- 8 Brisbane PD
- 3 Broadmoor PD
- up to 270 Burlingame PD
- 15 California Highway Patrol
- 4 Colma PD
- 2 Daly City PD
- 2 East Palo Alto PD
- 4 Foster City PD
- Hillsborough PD
- Menlo Park PD

Partner Agencies

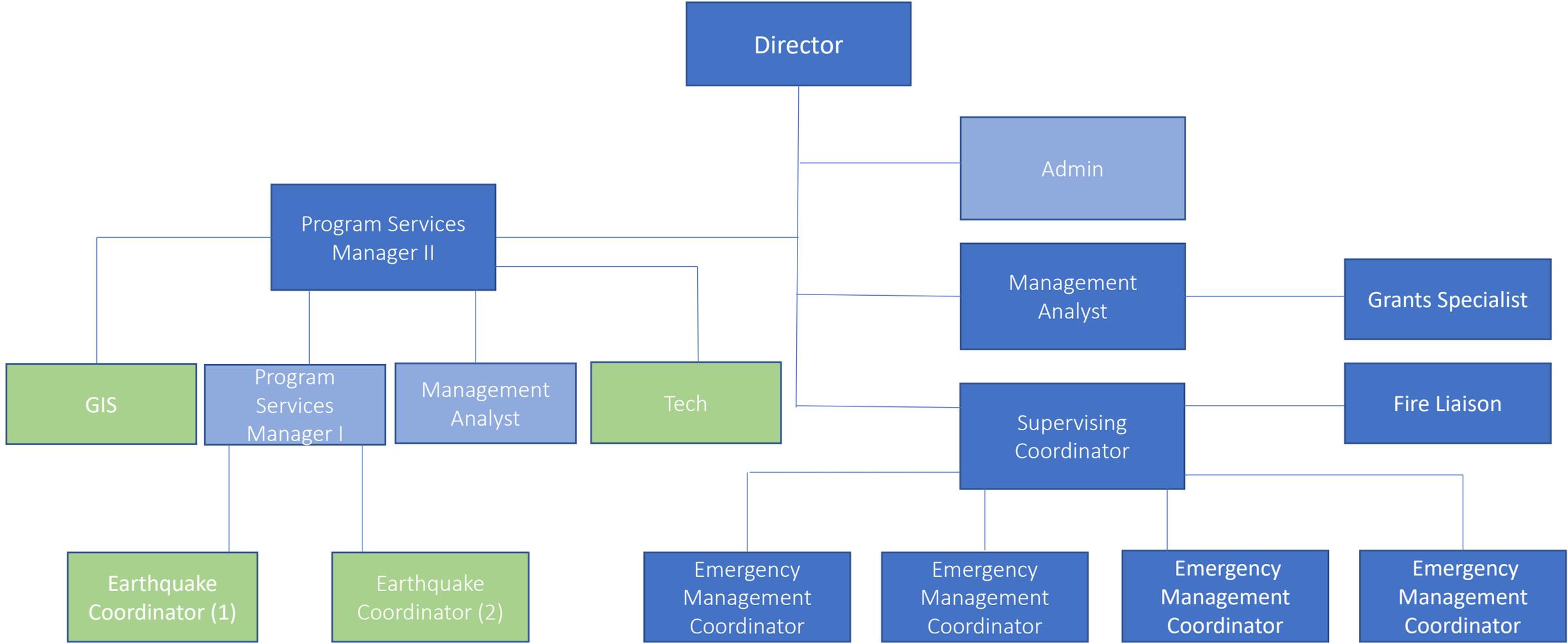
- Pacifica PD
- Redwood City PD
- San Bruno PD
- San Mateo PD
- South San Francisco PD
- San Francisco PD
- San Mateo County Departments
- Sheriff's Office
- Public Safety Communications
- Emergency Medical Services
- Public Works
- Emergency Management

EOC Supported Major Field Operations

- USA and China Meeting - Woodside
- Vice President and First Lady Fundraiser - Atherton
- Philippines President Event - South San Francisco
- First Amendment Activity
 - SFO
 - Atherton
 - South San Francisco
 - Woodside
- Multiple Motorcades for several dignitaries
- Provided support and protection for all dignitary arrivals at SFO



Department of Emergency Management (DEM) 2024 Org Chart



	Current positions
	Recruitment pending
	Recruitment in progress