The public shall have an opportunity to comment on any action item as each item is considered by the Committee prior to action being taken as noted on the agenda and at the end of the meeting. This opportunity is non-transferrable, and speakers are limited to one two-minute (3) comment for each action item.

1. Welcome and Introductions – 2:00 – 2:15 PM
   Dan Belville, Director, San Mateo County OES and Rita Mancera, Executive Director, Puente: Co-Chairs of the Steering Committee
   Steering Committee Members are asked to introduce themselves in alphabetical order (see the attached Roster) and state their name, their title & organization, and share with the group the answer to “what does resilience mean to your community?”
   a. Steering Committee Roster (See Attachment A)
   b. Review Agenda

2. Project Overview – 2:15 – 2:30 PM
   Bart Spencer (see Attachment B)
   a. Discussion: Overview
      i. The Core Planning Team (CPT)
      ii. The Steering Committee (SC)
      iii. What is Mitigation Planning & Why is it Important?
   iv. Work plan
   v. Timeline

3. Steering Committee Ground Rules – 2:30 – 2:45 PM
   Dan Belville and Rita Mancera, Co-Chairs (see Attachment C)
   a. Discussion: Steering Committee Ground Rules
   b. Opportunity for Public Comment
   c. Action: Confirm Steering Committee Ground Rules

4. Goal Setting – 2:45 – 3:05 PM
   Bart Spencer, Tetra Tech, Inc. (see Attachment D)
   a. Discussion: Review Core Planning Team Recommendation - Guiding Principles, Goals and Objectives
   b. Opportunity for Public Comment
   c. Action: Confirm Guiding Principles, Goals and Objectives
5. **Hazards of Concern – 3:05 – 3:25 PM**

Rob Flaner, Tetra Tech, Inc. (see Attachment E)

a. Discussion: Review Core Planning Team Recommendation - Hazards of Concern, State Plan
b. *Opportunity for Public Comment*
c. Action: Confirm the Hazards of Concern


Jeana Wiser, Tetra Tech, Inc.

a. Discussion: Outreach & Engagement Plan (See Attachment F)
b. Discussion: Draft Survey #1 Review (See Attachment G)

7. **Addressing Equity in the Local Hazard Mitigation Plan – 3:45 – 3:55 PM**

Hilary Papendick, San Mateo County Office of Sustainability

a. Discussion (See Attachment H)

8. **Public Comment and Adjournment – 3:55 – 4:00 PM**

*Opportunity for Public Comment*

*Note that the public shall have an opportunity to comment on any action item as each item is considered by the Committee prior to action being taken.*

*This opportunity is non-transferrable, and speakers are limited to one three-minute (3) comment each.*

9. **Adjourn** – Dan Belville and Rita Mancera, Co-Chairs

**Next Meeting will be on March 22, 2021 from 2 pm – 4 pm**

**Agenda Items for Next Steering Committee Meeting include:**

a. Action: Confirm Definition of Critical Facilities and Infrastructure
b. Discussion: Status Report on Phase 1 of the Jurisdictional Annex Process
c. Discussion: Public Outreach Strategy: Phase 1 Public Meeting

**Zoom Meeting Information**

Join Zoom Meeting
https://smcgov.zoom.us/j/96551239872?pwd=T3h1RUNkU3dCRW9YbDZtVGtieTh2QT09

Meeting ID: 965 5123 9872
Passcode: 120978
One tap mobile
+16699006833,,96551239872#,,,,*120978# US (San Jose)
+12532158782,,96551239872#,,,,*120978# US (Tacoma)
ATTACHMENT A
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<th>Last</th>
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<th>Organization Type</th>
<th>Geographic Representation</th>
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<td>San Mateo County Office of Emergency Services</td>
<td>Belville</td>
<td>Dan</td>
<td>Director</td>
<td><a href="mailto:dbelville@smcgov.org">dbelville@smcgov.org</a></td>
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<td>Countywide</td>
<td>Public Safety / Emergency Mgt.</td>
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<tr>
<td>MidPen Housing Corporation</td>
<td>Bielak</td>
<td>Andrew</td>
<td>Associate Director of Housing</td>
<td><a href="mailto:abielak@midpen-housing.org">abielak@midpen-housing.org</a></td>
<td>650.830.1360</td>
<td>Non-Profit</td>
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<td>Housing</td>
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<tr>
<td>CAL Fire San Mateo Division</td>
<td>Cosgrave</td>
<td>David</td>
<td>Division Chief</td>
<td><a href="mailto:David.Cosgrave@fire.ca.gov">David.Cosgrave@fire.ca.gov</a></td>
<td>650.740.7247</td>
<td>County</td>
<td>Countywide</td>
<td>Public Safety / Fire</td>
</tr>
<tr>
<td>City of Daly City</td>
<td>Gamez</td>
<td>John</td>
<td>Captain (Police Department)</td>
<td><a href="mailto:jgamez@dalycity.org">jgamez@dalycity.org</a></td>
<td>650.991.8180</td>
<td>City</td>
<td>North County</td>
<td>Public Safety / Police</td>
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<tr>
<td>San Mateo County Health System, Commission on Disabilities</td>
<td>Hall</td>
<td>Robert</td>
<td>President</td>
<td><a href="mailto:rghall4@icloud.com">rghall4@icloud.com</a>,</td>
<td>650.867.5256</td>
<td>County Commission</td>
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<td>Disabled Community</td>
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<tr>
<td>City of Redwood City</td>
<td>Kyaw</td>
<td>Terence</td>
<td>Director Public Works Services Department</td>
<td><a href="mailto:tkyaw@redwoodcity.org">tkyaw@redwoodcity.org</a></td>
<td>650.780.7466</td>
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<td>South County</td>
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<td>Puente</td>
<td>Mancera</td>
<td>Rita</td>
<td>Executive Director</td>
<td><a href="mailto:RMancera@mypuente.org">RMancera@mypuente.org</a></td>
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<td>South Coast (Pescadero/La Honda)</td>
<td>Vulnerable Communities</td>
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<td>San Mateo County Community College District</td>
<td>Minkin</td>
<td>Ben’Zara</td>
<td>Emergency Manager</td>
<td><a href="mailto:minkinb@smccd.edu">minkinb@smccd.edu</a></td>
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<td>Education</td>
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<td>Education / Emergency Mgt.</td>
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<td>North Fair Oaks Community Alliance</td>
<td>Rodriguez</td>
<td>Ever</td>
<td>President</td>
<td><a href="mailto:erodriguez@northfoca.org">erodriguez@northfoca.org</a></td>
<td>650.996.3796</td>
<td>Non-Profit</td>
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<tr>
<td>Climate Resilient Communities</td>
<td>Saena</td>
<td>Violet</td>
<td>Director</td>
<td><a href="mailto:violet.saena@crc.acterra.org">violet.saena@crc.acterra.org</a></td>
<td>408.990.6447</td>
<td>Non-Profit</td>
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<tr>
<td>San Mateo County Public Health (*)</td>
<td>Seara</td>
<td>Belen</td>
<td>Sr. Community Health Planner</td>
<td><a href="mailto:bseara@smcgov.org">bseara@smcgov.org</a></td>
<td>650-573-2319</td>
<td>County</td>
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<td>SamTrans</td>
<td>Timbers</td>
<td>Amelia</td>
<td>Principal Planner Sustainability</td>
<td><a href="mailto:TimbersA@samtrans.com">TimbersA@samtrans.com</a></td>
<td>650-508-7713</td>
<td>Public Agency</td>
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<td>Transportation</td>
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<tr>
<td>Senior Coastsiders</td>
<td>Winter</td>
<td>Sandra</td>
<td>PhD, MHA, Executive Director</td>
<td><a href="mailto:swinter@seniorcoastsiders.org">swinter@seniorcoastsiders.org</a></td>
<td>650.726.9056</td>
<td>Non-Profit</td>
<td>Coast</td>
<td>Senior Citizens</td>
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</table>

* Danielle Lee, Assistant Director, County of San Mateo, Office of Sustainability will serve as an alternate for the meeting on February 22, 2021
Today’s Speakers

**Rob Flaner, CFM - Tetra Tech, Inc.**
- Hazard Mitigation Program Manager
- Facilitated development of the last plan and the update
- Former FEMA Contractor
- Facilitated over 70 successful mitigation planning efforts since 2003

**Bart Spencer, Tetra Tech, Inc**
- Lead Project Planner
- Past project lead for SMC on 2016 Plan
- As preparedness practice lead for Tetra Tech, brings cross-functionality aspect to the team
This process will be funded by a grant from FEMA awarded to the County.

Tetra Tech, Inc. has been awarded the contract to facilitate this plan update process.

Core Planning Team (CPT) will coordinate this plan update process and will convene bi-weekly over the course of the update.

The Core Planning Team Includes:

- Dan Belville, SMC OES
- Ann Ludwig, SMC OES
- Joe LaClair, SMC Planning & Building
- Rumika Chaudry, SMC Information Services
- Marcus Griswold, SMC Sustainability
- Hilary Papendick, SMC Sustainability
- David Cosgrave, Coastside FPD
- Carolyn Bloede, SMC Sustainability
- Rob Flaner, Tetra Tech
- Bart Spencer, Tetra Tech
- Jeana Wiser, Tetra Tech
- Carol Baumann, Tetra tech
- Des Alexander, Tetra Tech
As was done with the prior planning efforts, this update will be facilitated through a stakeholder Steering Committee.

Steering Committee will have Multi-Disciplined representation – very important:

- Planning partners representative(s)
- Citizens
- Stakeholders (Business, academia, government)
- Emergency Management

The CPT has identified candidates to serve on the SC. For more information on that makeup, please reach out to Ann Ludwig.
What is Mitigation?

Five Phases of Emergency Management

- Prevention
- Preparedness
- Mitigation
- Recovery
- Response

“Sustained action taken to reduce or eliminate long-term risk to life and property”
Examples of Mitigation Strategies

- Seismic retrofit of buildings and bridges
- Redundancy of water systems and fuel systems
- Tree planting to reduce heat in urban cores
- Education programs to be better informed of risks
- Policies – building codes and zoning
- Incentives – grants or financial assistance for risk reduction at business and household level
What is the Disaster Mitigation Act (DMA)?

Federal legislation that establishes a pre-disaster hazard mitigation program and new requirements for the national post-disaster Hazard Mitigation Grant Program (HMGP).

=  

Federal $$$ for pre-disaster and post-disaster hazard mitigation projects in San Mateo County.

No Plan, No Money!
Provisions of the Disaster Mitigation Act (DMA)

- Encourages and rewards local and state pre-disaster planning ($$ for projects)
- Integrates state and local planning
- Results in faster more efficient allocation of funding and more effective risk reduction projects
- Specifies required plan components:
  - risk assessment
  - public outreach and participation
  - process for update
  - formal review State and FEMA review
  - documentation of acceptance by the community
Benefits of Hazard Mitigation Plans

• Establish eligibility for grant funds ($$$ for projects)
• Improve understanding of risks and vulnerabilities
• Reduce negative impact of natural hazards – actions save lives, reduce displacement, and speed recovery
• Encourage sustainable actions – builds strong, resilient, and self-sufficient communities
• Foster collaboration between local jurisdictions and residents
Other Benefits to Hazard Mitigation Planning

• Hazard Mitigation Plans contribute to a community’s Community Rating System (CRS) score

• What is Community Rating System?
  ▪ A FEMA/National Flood Insurance voluntary incentive program that encourages floodplain management activities
  ▪ Reduces potential flood damages and can decrease flood insurance rates $$

• The Following Communities within SMC participate in the CRS program
  ▪ Burlingame
  ▪ East Palo Alto
  ▪ Pacifica
  ▪ San Carlos
  ▪ San Mateo County
The 2016 Plan

✓ 29 Planning Partners
✓ Was an update to prior plans led by ABAG
✓ Identified and prioritized over 590 actions
✓ Plan approved by FEMA on September 14, 2016
✓ Plan expires on September 14, 2021
**Schedule projects an 8-month time frame, with 6 months for plan development**

**Target for submittal to CalOES would be End of August 2021**

*This schedule all depends on you!*
ATTACHMENT C
Steering Committee Ground Rules
For Discussion on February 22, 2021

Purpose

As the title suggests, the role of the Steering Committee is to guide the San Mateo County Planning Partners through the process of drafting a Multijurisdictional Hazard Mitigation Plan. This process will result in a plan that can be embraced both politically and by the constituency within the planning area.

The Committee will provide guidance and leadership, oversee the planning process, and act as the point of contact for all partners and the various interest groups in the planning area. The makeup of this committee was selected to provide the best possible cross section of views to enhance the planning effort and to help build support for hazard mitigation.

Co-Chairs

The Co-Chairs will be San Mateo County OES Director, Dan Belville and Puente, Executive Director, Rita Mancera. The role of a co-chair is to:

1. lead meetings so that agendas are followed, and meetings adjourn on-time,
2. allow all members to be heard during discussions,
3. moderate discussions between members with differing points of view,
4. be a sounding board for staff in the preparation of agendas and how to best involve the full Committee in work plan tasks,
5. to act as spokesperson during public involvement processes and public interchanges

At least one co-chair will be present at any given meeting.

Attendance

Participation of all Committee members in meetings is important and members should make every effort to attend each meeting. If Committee members cannot attend, they should inform the San Mateo County Project Manager, Ann Ludwig, before the meeting. If a member misses two meetings without an explanation, the Committee may choose to write an email to the member to confirm interest and may ultimately seek to replace the member.
Quorum

A minimum attendance at each meeting often is needed to ensure that the different viewpoints of Committee members are adequately represented.

Courtesy

Committee members should treat one another with respect, listen to each other, work collegially, and allow all members to voice their opinions.

Decision-Making

As the Committee provides advice and guidance on the Plan, it will reach its recommendations through 1) consensus or 2) voting. Consensus is defined as a recommendation that may not be ideal for each Committee member, but that every member can live with (using the consensus continuum as a gauge). Voting is defined as “majority rules,” and the majority will be based on the number of Steering Committee members in attendance.

Consensus will be the preferred method of decision making. However, if consensus cannot be reached on a given issue, then voting will be used to determine the Committee’s recommendation. In either case, minority dissent will be recorded in the meeting summaries, and the Committee will note such opinions in their final recommendations.

Recommendations

The Committee's recommendations will be recorded in the meeting summaries and reflected in the plan as appropriate. The Committee may also assist in the presentation of the Plan to the elected bodies of participating organizations.

Spokespersons

Ideally, the Committee will present a united recommendation after considering the different viewpoints of its members, recognizing that each member might have made a somewhat different recommendation as an individual.

To consistently represent the Committee’s united recommendations to participating organizations, the public, and the media, the Committee spokespersons will be the same as the Committee Co-Chairs. In addition, each member should have a responsibility to represent the Committee’s recommendation when speaking on Plan-related issues as a Committee member. Any differing personal or organizational viewpoints should be clearly distinguished from the
Committee’s work. Finally, Committee members will need to help with presentations to outside organizations, especially the type of organizations that a Committee member represents.

**Public Involvement**

As they conduct Committee work, members will seek to keep the public and the groups to which they are affiliated informed about the Plan. Committee meetings will be open to the public, and agendas and minutes will be posted on the project web-page.

The preferred method of public input will be via emailed documents to the County Project Manager, Ann Ludwig (c.aludwig@smcgov.org) or to the County’s Project email address (MJLHMP@smcgov.org).

Comments will also be taken at the beginning and end of meetings with a 3 minute limit per person and will be taken prior to any action taken by the Committee.

Public Outreach strategies will include media releases, social media, such as Next Door, Facebook and Twitter, and a website for the Plan Update with a link to Steering Committee and other public meetings.

**Staffing**

The Core Planning Team for this project includes appropriate personnel from San Mateo County along with contract consultant assistance provided by Tetra Tech, Inc. The Core Planning Team will schedule meetings, distribute agendas, prepare information/presentations for Committee meetings, send out meeting summaries, and generally seek to facilitate the Committee’s activities.

**Meetings**

Meetings will be held on the 4th Monday of each month from 2:00 – 4:00 pm between February 2021 and July 2021.

- February 22, 2021 from 2:00 – 4:00 pm
- March 22, 2021 from 2:00 – 4:00 pm
- April 26, 2021 from 2:00 – 4:00 pm
- May 24, 2021 from 2:00 – 4:00 pm
- June 28, 2021 from 2:00 – 4:00 pm
- July 26, 2021 from 2:00 – 4:00 pm
Draft 2021 LHMP Guiding Principles, Goals, and Objectives
As reviewed and recommended by CPT on 2/2/2021

1.1 Guiding Principles

A guiding principle focuses the range of objectives and actions to be considered. A guiding principle is not a goal because it does not describe a hazard mitigation outcome and it is broader than a hazard-specific objective. The guiding principles for the San Mateo County Hazard Mitigation Plan are as follows:

1. Provide a dynamic, actionable approach to hazard planning that integrates with other planning mechanisms to enhance or support hazard mitigation.
2. Invite and enhance the public’s awareness and understanding of hazards and their input on hazard prioritization and mitigation.
3. Create a decision-making tool for policy and decision makers.
4. Prioritize multi-benefit actions that reduce risk to vulnerable communities, protect those most at risk, and advance equity, including across racial, ethnic and rural/urban lines.
5. Promote compliance with State and Federal Program requirements.
6. Assure inter-jurisdictional coordination on hazard mitigation activities.
7. Integrate the concepts of climate change into the mitigation planning process.
8. Support economic viability, including for those who are most economically vulnerable, after a hazard event.
9. Assure a safe, respectful, non-discriminatory, and inclusive response to hazard events.

1.2 Goals

The following are the mitigation goals for this plan:

1. Protect life and property including, protecting the health and safety of communities;
2. Provide information to residents to better understand the hazards of the region and ways to reduce their personal vulnerability to those hazards;
3. Promote hazard mitigation as an integrated public policy and as a standard business practice;
4. Integrate climate change strategies to increase resiliency of community lifelines (infrastructure and critical facilities) from the impact of climate change;
5. Protect and preserve the environment;
6. Develop and implement hazard mitigation strategies that use public funds in an efficient and cost-effective way;
7. Develop hazard mitigation strategies that eliminate disparities and provide access to quality services for all unserved, underserved, under-resourced, and ineffectively serviced Individuals and families; and,
8. Improve community emergency management capability.

The effectiveness of a mitigation strategy is determined by how well these goals are achieved.
1.3 Objectives

Each selected objective meets multiple goals, serving as a stand-alone measurement of the effectiveness of a mitigation action, rather than as a subset of a goal. The objectives also are used to help establish priorities. The objectives are as follows:

1. Improve understanding of the locations, potential impacts, and linkages among threats, hazards, vulnerability, and measures needed to protect life, safety and health.
2. Establish and maintain partnerships among all levels of government, the private sector, community groups, and institutions of higher learning that improve and implement methods to protect life and property.
3. Conduct community outreach activities that increase stakeholder awareness and understanding of hazard risk, mitigation options, and preparedness strategies and which include community input into risks, prioritization and measures.
4. Prevent or reduce mitigation-related disparities affecting under-served and under-represented communities through plans, investments and engagement.
5. Ensure an inclusive process by considering equity throughout the process, providing opportunities for community involvement throughout planning and implementation, and endeavoring to incorporate input to the extent possible.
6. Ensure a transparent planning process which regularly reports back on how input was used.
7. Develop and provide updated information about threats, hazards, vulnerabilities, climate change, and mitigation strategies to state, regional, and local agencies, as well as private-sector and community groups.
8. Encourage incorporation of hazard mitigation measures into repairs, major alterations, new development, and redevelopment practices, especially in areas subject to substantial hazard risk and/or repetitive loss.
9. Promote and implement hazard mitigation plans and projects based on best available data and science that are consistent with state, regional, and local climate action and adaptation goals, policies, and programs.
10. Advance community resilience through preparation, adoption, and implementation of state, regional, and local hazard mitigation plans and projects.
11. Encourage life and property protection measures for all communities, structures, and community lifelines (infrastructure and critical facilities) located in hazard areas.
12. Actively promote effective coordination of regional and local hazard mitigation planning and action among state agencies, cities, counties, special districts, tribal organizations, councils of governments, community-led planning efforts, metropolitan planning organizations, and regional transportation organizations to create resilient and sustainable communities.
13. Improve systems that provide warning and emergency communications including evaluation of their inclusiveness and accessibility.
15. Build County and Annex Partners staff and community-based organization staff capacity to ensure effective implementation and equitable outcomes of hazard mitigation action efforts.

16. Retrofit, purchase, or relocate structures in high hazard areas, especially those known to be repetitively damaged.

17. Where feasible, identify and implement strategies that utilize nature-based solutions.
## 2021 Hazards to Include in 2021 MJLHMP

As reviewed and recommended by the CPT on 2/2/2021

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<td>Drought</td>
<td>Wildfire, Poor Air Quality, Power Failures, Heat, Groundwater Contamination in Shallow and Deep Aquifers</td>
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<td>Earthquake</td>
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<td>Landslide/Mass Movements</td>
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<td>Power Failures, Pandemic</td>
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ATTACHMENT F
San Mateo County, CA
Multijurisdictional Local Hazard
Mitigation Plan Update

Outreach & Engagement Plan
February 2021
Overview

• Provide an accessible website to provide regular updates during all phases of the MJLHMP update.

• Utilize conventional and social media to announce the project and supplement survey and public workshop activities by engaging a wide range of community partners.

• Leverage multiple and on-going opportunities for public input to reach San Mateo County’s diverse residents and stakeholders and to satisfy FEMA’s public outreach requirements.

Priorities

• Digital outreach strategy that includes an accessible website and ArcGIS Story-Map

• Surveys available in 6 languages: English, Spanish, Simple Chinese, Tagalog, Tongan, and Arabic

• Public Workshops

• Cross-promotions with similar engagement efforts in the County, partner jurisdictions, and community partners
## Timeline: February - August 2021

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<thead>
<tr>
<th>Month</th>
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<tr>
<td>February</td>
<td>Project Website Live</td>
<td>Feb. 12</td>
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<tr>
<td>March</td>
<td>Survey #1: Risks</td>
<td>March 15 – April 30</td>
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<td>Public Workshop #1: Planning Process and Hazards/Risks</td>
<td>March 25, 4 pm</td>
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<td>April</td>
<td>Publish ArcGIS StoryMap with initial risk analysis results</td>
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<td>May/June</td>
<td>Survey #2: Mitigations</td>
<td>Early May - June</td>
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<tr>
<td>July</td>
<td>Public Workshop #2: Mitigation Strategies</td>
<td>Week of July 19</td>
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<td>August</td>
<td>Draft Plan released for Comment</td>
<td>August 2 - 13</td>
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<tr>
<td></td>
<td>Plan submitted to CalOES/FEMA</td>
<td>August 31</td>
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Website

- https://cmo.smcgov.org/multijurisditional-local-hazard-mitigation-plan

Multijurisdictional Local Hazard Mitigation Plan
• The ArcGIS Story-Map platform will serve as a visual tool to display risk analysis data and Plan elements.

• The County will use in the future to communicate hazard risk in an engaging way.

• The initial Story-Map is anticipated to be available to the public via the website in April 2021.
Surveys Overview

• Survey #1 – March 15 – April 30
  ▪ Questions to Assess how Residents Perceive Risks
    – Survey logic built-in to route participants based on housing status: homeowner, renter, or currently unhoused/temporary housing

• Survey #2 – May – June
  ▪ Questions to Assess Residents’ Ideas for Mitigations
Public Workshops

• Public Workshop #1 – March 25 at 4 pm
  ▪ Focus on the Planning Process and Community Input on Hazards/Risk

• Public Workshop #Survey #2 – Week of July 19, date TBD
  ▪ Focus on Community’s Ideas for Mitigations
ATTACHMENT G
San Mateo County is vulnerable to many natural hazards - including earthquakes, wildfire, flooding, coastal erosion, and heat events. The County is in the process of developing an update to its current plan to reduce risks from hazards countywide, and we want to hear from you about your experiences with all types of hazards. The plan being updated is known as the 2016 San Mateo County Local Hazard Mitigation Plan. An update is required by the Federal Emergency Management Agency (FEMA) every 5 years and ensures the County is eligible to receive funding to prepare and respond to disasters.

The safety of San Mateo County residents, businesses and organizational members, especially during a disaster, is one of the County's greatest priorities. This survey is designed to help the County gauge the level of knowledge community members have about the region's top hazards. The information you provide will directly support the development of strategies and actions to reduce the risk of death, injuries and property damage caused by disasters.

The survey consists of 31 questions and provides an opportunity for you to write comments at the end. It will take approximately 10 minutes to complete. When you have finished the survey, please select [Done] on the final page.

San Mateo County thanks you for taking the time to participate in this information-gathering process. For more information on the LHMP and to get involved, please visit: https://cmo.smccgov.org/multijurisdictions-local-hazard-mitigation-plan.
Experience

1. Have you ever experienced, or been impacted, physically or financially, by a natural disaster in San Mateo County?

- [ ] Yes
- [ ] No
2. What type of hazard was the cause of the disaster you experienced? What happened? (Check all that apply and please explain what happened in the “Comments”)

- Dam failure
- Earthquake
- Wildfire
- Street flooding from storm
- Public health - epidemic or pandemic
- Extreme heat
- Extreme cold
- Landslides
- Coastal erosion
- Coastal or bay flooding
- Riverine flooding
- Drought
- Poor air quality
- Terrorism
- Cyberthreats
- Power failures
- High winds
- Climate change

Comments

3

422/26

2/22/21
* 3. How prepared is your household to deal with a hazard event?  

<table>
<thead>
<tr>
<th>Not at all prepared</th>
<th>Somewhat prepared</th>
<th>Adequately prepared</th>
<th>Well prepared</th>
<th>Very well prepared</th>
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Check one:

4. Please select any of the means listed below that have helped you become more prepared for emergencies and disasters. (Check all that apply)

- [ ] Emergency preparedness information from a government source (e.g., federal, state, or local emergency management)
- [ ] Experience from involvement in one or more hazards or disasters
- [ ] Locally provided news or other media information
- [ ] Schools and other academic institutions
- [ ] Other (please specify)
5. How concerned are you about the following hazards in San Mateo County? (Check one response for each hazard)

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Not Concerned</th>
<th>Somewhat Concerned</th>
<th>Concerned</th>
<th>Very Concerned</th>
<th>Extremely Concerned</th>
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<td>Dam failure</td>
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<td>Riverine flooding</td>
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<td>Climate change</td>
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(Please specify other hazard)
* 6. Which of the following steps has your household taken to prepare for a disaster? (Provide a response for all)

<table>
<thead>
<tr>
<th>Have done</th>
<th>Plan to do in the near future</th>
<th>Have not done</th>
<th>Unable to do</th>
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<tbody>
<tr>
<td>Received First Aid/CPR training</td>
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<td>Created a fire escape plan</td>
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<td>Designated an evacuation meeting place</td>
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<td>Identified the utility shutoff</td>
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<td>Prepared a disaster supply kit</td>
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<td>Installed smoke and carbon monoxide detectors on each level of your house</td>
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<td>Written and practiced your family disaster plan</td>
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<td>Stored food and water (2-week supply)</td>
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<td>Participated in neighborhood disaster preparedness and planning</td>
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<td>Stored flashlights and batteries</td>
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<tr>
<td>Purchased an air filter</td>
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<td>Stored battery-powered radio</td>
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<tr>
<td>Stored fire extinguisher</td>
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<tr>
<td>Purchased a generator</td>
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<tr>
<td>Stored medical supplies, including necessary medications</td>
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(Please specify other action)
### *7. Are hazard events in San Mateo County becoming more or less common over the past 5 years? (Check one response for each hazard)*

<table>
<thead>
<tr>
<th>Hazard Event</th>
<th>Less Common</th>
<th>Stayed About the Same</th>
<th>Much More Common</th>
<th>Don't Know</th>
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<tbody>
<tr>
<td>Dam failure</td>
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<tr>
<td>Other</td>
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(Please add any extra information here)
8. What is the best way for you to receive information about hazards and emergency preparedness? (Check all that apply)

- Email
- Home phone (landline)
- Cellphone call
- City Newsletters
- Social Media (i.e. Facebook, Nextdoor, Twitter, etc.)
- Public Meetings
- County or City website

- Other (please specify)

9. Does your street flood during rain events?

- Yes (If yes, please specify your home's intersection or street name below)
- No

(please specify your home's intersection or street name, if you experience street flooding during rain events)

10. Is your current home or housing located in or near a FEMA designated floodplain? If you're not sure, input your address into this FEMA flood zone tool: https://msc.fema.gov/portal/search

- Yes
- No

11. Is your current home or housing located near an earthquake fault? If you're not sure, type your address into this earthquake fault tool: https://maps.conservation.ca.gov/cgs/EQZApp/app/

- Yes
- No

12. Is your current home or housing located in an area at-risk for wildfire? If you're not sure, type your address into this wildfire risk tool: https://www.buzzfeednews.com/article/peteraldhous/wildfire-risk-maps-search-your-home

- Yes
- No
* 13. What is your current housing status?

- Homeowner, owner-occupied
- Renter
- Currently unhoused or in temporary housing
- Other (please specify)
14. Which of the following incentives would encourage you to spend money to retrofit your home to protect against disasters? (Check all that apply)

- Building permit fee waiver
- Insurance premium discount
- Mortgage discount
- Property tax break or incentive
- Low interest rate loan
- Grant funding
- None
- Other (please specify)

[ ] Other (please specify)
15. To the best of your knowledge, does the home in which you live have an active flood insurance policy?
   - Yes
   - No
   - Not Sure

16. To the best of your knowledge, does the home in which you live have an active earthquake insurance policy?
   - Yes
   - No
   - Not Sure

17. Have you ever had problems getting homeowners or renters insurance due to risks from hazards?
   - Yes
   - No

   If yes, what hazard was the cause of the problem?

18. Was the presence of a hazard risk zone (e.g., earthquake fault zone, dam failure zone, flood zone, landslide hazard area, or high fire risk area) disclosed to you by a real estate agent, seller, or landlord before you purchased or moved into your home?
   - Yes
   - No

19. Would the disclosure of this type of information influence your decision to purchase or move into a home in the future?
   - Yes
   - No
20. Please indicate how you feel about the following statement:

"I believe it is the responsibility of government (local, state and federal) to provide education and programs that promote its residents to take action to reduce their exposure and risk to natural hazards."

Choose one:

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Somewhat Disagree</th>
<th>Neither Agree nor Disagree</th>
<th>Somewhat Agree</th>
<th>Strongly Agree</th>
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21. Please indicate how you feel about the following statement:

"I believe it is my responsibility to educate myself about programs that reduce my exposure to natural hazards."

Choose one:

<table>
<thead>
<tr>
<th>Strongly Disagree</th>
<th>Somewhat Disagree</th>
<th>Neither Agree or Disagree</th>
<th>Somewhat Agree</th>
<th>Strongly Agree</th>
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22. If a natural disaster such as a large earthquake were to strike tomorrow, how would you feel regarding your personal safety?

- [ ] I live in a home that is structurally safe, I feel confident I would be safe
- [ ] I don't know about the structural integrity of my home but know that I have alternative safe places I could go
- [ ] I don't know about the structural integrity of my home, and I do not know where else I could go to feel safe
- [ ] I don't currently live in a home that would keep me safe during a large earthquake, and I don't know where else I would go to feel safe
- [ ] I do not currently live in a home that would be structurally safe during a large earthquake, but I have friends or family nearby where I could feel safe
- [ ] Other (please explain)

Please explain: __________________________
The following demographic information will aid in evaluating the responses to this survey. The answers will be used only for the preparation of this plan and will not be provided to any other group or interest.

* 23. Please indicate your age range:
   - under 18
   - 18 to 30
   - 31 to 40
   - 41 to 50
   - 51 to 60
   - 61 or older

24. Please indicate the primary language spoken in your household.
   - English
   - Spanish
   - Chinese
   - Tagalog
   - Arabic
   - Tongan
   - Other (please specify)

25. Are you of Hispanic, Latino, or Spanish origin?
   - No, not of Hispanic, Latino, or Spanish origin
   - Yes, Mexican, Mexican-American, Chicano
   - Yes, Puerto Rican
   - Yes, Cuban
   - Yes, another Hispanic, Latino, or Spanish origin -- ie. Salvadoran, Dominican, Colombian, Guatemalan, Spaniard, etc.
   - Other (please specify)
26. What is your race?
   - American Indian or Alaska Native
   - Chinese
   - Filipino
   - Asian Indian
   - Vietnamese
   - Korean
   - Japanese
   - Native Hawaiian
   - Samoan
   - Chamorro
   - Other Pacific Islander
   - Black or African American (ie. African American, Jamaican, Haitian, Nigerian, Somali, etc.)
   - Two or more races (if selected, please explain below)
   - White (ie. German, Irish, English, Lebanese, Egyptian, etc.)
   - Other (please specify) [ ]

27. What is your household income?
   - <$10,000
   - $10,000 - $30,000
   - $30,001 - $50,000
   - $50,001 - $70,000
   - $70,001 - $90,000
   - $90,001 - $110,000
   - $110,001 - $130,000
   - $130,001 - $150,000
   - $150,001 - $170,000
   - $170,001 - $190,000
   - $190,001 - $210,000
   - $210,000 - $230,000
   - >$230,001
   - Other (please specify) [ ]
* 28. What is your zip code?

29. Do you have internet access at your home?
   ○ Yes  ○ No
If you have any questions or additional information you would like to share regarding local hazards and disasters, we invite you to provide your information on this page. This survey and your comments are completely confidential.

30. Comments
Addressing Equity in the Local Hazard Mitigation Plan
Presentation Outline

• Disaster Response Inequities
• Populations Vulnerable to Hazards
• San Mateo County Demographics
• Framework for Addressing Equity
Disaster Response Inequities

Many of the dead in Camp Fire were disabled, elderly. Could they have been saved?

By Tony Bizjak, Alexandra Yoon-Hendricks, Phillip Reese, and Molly Sullivan
December 04, 2018 12:00 AM, Updated August 16, 2019 07:06 AM

The unequal vulnerability of communities of color to wildfire

Ian P. Davies, Ryan D. Haugo, James C. Robertson, Phillip S. Levin
Published: November 2, 2018 • https://doi.org/10.1371/journal.pone.0206825

Oppressed By Wildfire: Language Barriers, Unwelcoming Attitudes Discourage Latinos From Seeking Help

April Ehrlich, September 18, 2019
Populations Vulnerable to Hazards

FEMA recognizes certain groups may be disproportionately impacted by disasters:

- Renters
- Women
- LGBTQ+ community
- People of color (60% of SMC)
- Tribal and First Nation communities
- Homelessness population
- Underserved communities with a low socioeconomic status
- Rural communities
- People with disabilities
- Elderly and youth populations

- Service workers and migrant laborers
- Institutionalized populations, in prisons and nursing homes
- People with limited English proficiency (20% of SMC)

Source: FEMA Guide to Expanding Mitigation
60% of SMC Residents are People of Color

Source: Get Healthy SMC
Framework for Addressing Equity

Decision Making
- Adopt equity goals and objectives
- Ensure diverse representation

Outreach and Engagement
- Promote diverse community participation
- Use trusted messengers
- Translate materials
- Meet people where they are
- Transparent process

Hazards Analysis
- Analyze social vulnerability indicators
- Identify historic injustices
- Overlay hazards and key indicators to find hot spots

Mitigation Actions
- Develop actions that mitigate disparities
e.g. language and evacuation barriers

Implementation
- Build community partnerships for implementation of actions
- Track outcomes to ensure accountability

Community and Stakeholder Engagement
Thank you

Hilary Papendick
Climate Change Program Manager
hpapendick@smcgov.org