

To: Board of Supervisors, County of Sonoma
Department or Agency Name(s): County Administrator/Department of Emergency Management
Staff Name and Phone Number: Christopher Godley/565-1152
Vote Requirement: Informational Only
Supervisory District(s): All Districts

Title:

Quarterly Disaster Preparedness Workshop – Earthquake Hazard Overview

Recommended Actions:

Enhance the ability of County Supervisors and staff to respond to a major emergency or disaster. Key objectives include:

- A) Provide an overview of the County's earthquake hazard and potential impacts.
- B) Review the County's earthquake mitigation, preparedness and response capabilities.
- C) Discuss how the County government, local jurisdictions and allied stakeholders would respond and initiate recovery for a major earthquake event.

Executive Summary:

The disaster workshop is one in a series of learning and discussion opportunities designed to enhance the ability of County Supervisors and County staff to respond to a major emergency or disaster. During the workshop, staff will provide information and engage in discussion regarding the hazards posed by an earthquake in Sonoma County. Discussion points include geology and earthquake science, potential impacts, earthquake-related mitigation and preparedness efforts, as well as response and recovery.

Discussion:

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Prior Board Actions:

On January 15, 2019, the Board conducted its first disaster workshop addressing the hazards posed by winter storms and flooding. The After Action Report developed following the October 2017 Complex Fires recommended the Board consider conducting quarterly disaster preparedness updates at its meetings.

FISCAL SUMMARY

	FY 18-19 Adopted	FY19-20 Projected	FY 20-21 Projected
Expenditures			
Budgeted Expenses			
Additional Appropriation Requested			
Total Expenditures			
Funding Sources			
General Fund/WA GF			

State/Federal			
Fees/Other			
Use of Fund Balance			
Contingencies			
Total Sources			

Narrative Explanation of Fiscal Impacts:

Staffing Impacts:			
Position Title (Payroll Classification)	Monthly Salary Range (A – I Step)	Additions (number)	Deletions (number)

Narrative Explanation of Staffing Impacts (If Required):

Attachments:

April 16, 2019 Earthquake Workshop Agenda; Workshop Presentation

Related Items “On File” with the Clerk of the Board:



Board of Supervisors Disaster Preparedness Workshop

April 16, 2019

Objectives

The overall goal of this workshop is to enhance the ability of County Supervisors and staff to respond to a major emergency or disaster. Key objectives include:

1. Provide an overview of the County's earthquake hazard and potential impacts.
2. Review the County's earthquake mitigation, preparedness and response capabilities.
3. Discuss how the County government, local jurisdictions and allied stakeholders would respond and initiate recovery for a major earthquake event.

Agenda

Welcome, Introductions and Workshop Objectives

Earthquake Hazard Overview

- History of earthquakes in Sonoma County
- Geology and earthquake science
- Current earthquake science in Sonoma County
- Potential impacts/losses
- Mitigation efforts
- Preparedness activities
- Earthquake Response & Short-term Recovery
- Summary Discussion and Next Steps

Presenters

Christopher Godley, Director	Emergency Management
Robert Pennington, Geologist	PRMD
Tim Dawson, Senior Engineering Consultant	CA Geological Survey
Nathan Quarles, Deputy Director, Engineering	PRMD

References

Sonoma County Operational Area Hazard Mitigation Plan (2016),
<https://sonomacounty.ca.gov/PRMD/Long-Range-Plans/Hazard-Mitigation/Approved-Update/>

Earthquake Outlook for the San Francisco Bay Region 2014-2043, United States Geological Survey (2016), <https://pubs.usgs.gov/fs/2016/3020/fs20163020.pdf>

Earthquake Zones of Required Investigation, California Geological Survey,
<https://maps.conservation.ca.gov/cgs/EQZApp/app/>