



**South
Orange
County**

**Community
College District**

Local Hazard Mitigation Plan Update

Public Meeting

February 26, 2026

Administrative Items

- Welcome – Davit Khachatryan (IVC) /Rod Garcia (SC)
- Safety Message – Sara Sperazza
- Lead Presenter – Andy Petrow

Agenda

- Purpose of the Meeting/Presentation
- Background
- Definition of Mitigation
- Overview of Local Hazard Mitigation Plans (LHMP)
- Introduction to the SOCCCD LHMP
- Proposed Public Outreach Effort
- Next Steps



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Purpose of Meeting/Presentation

- Introduce the Project
 - *What and Why we are doing it*
- Gain Understanding of:
 - *Mitigation*
 - *Local Hazard Mitigation Plans (LHMP)*
- Increase Awareness of the SOCCCD LHMP
 - *How the LHMP will be developed*
 - *What hazards are being addressed*
- Set Expectations Moving Forward
 - *How can you keep updated on progress*

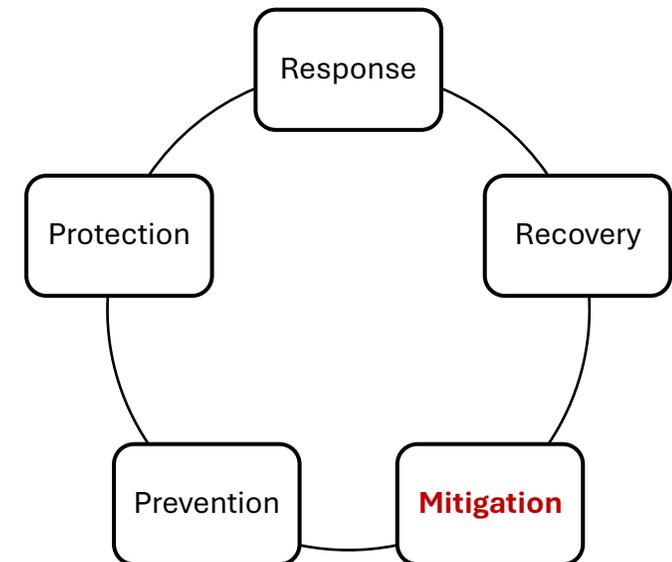


Background

- FEMA provides grants after disasters to mitigate future impacts for Threats and Hazards
- Historically difficult to identify eligible mitigation projects
 - *pressure to obligate funds quickly*
- In 2000, FEMA revised regulations to require a LHMP to received mitigation funds
- LHMP must be comprehensive and identify projects/actions
 - *Project must be in LHMP to be eligible for FEMA funding*

Mitigation

- FEMA defines Mitigation as the “*effort to reduce and/or eliminate loss of life and property by lessening the impacts from hazards*”
- Mission Area in the National Preparedness System
- Benefits of Mitigation include:
 - Saved lives
 - Reduced damage to property
 - Reduced economic losses
 - Minimized social disruption
 - Shorter recovery period for the community



Local Hazard Mitigation Plan

Goal- Develop strategy to reduce/eliminate impacts from threat/hazard

Objectives

- Apply a comprehensive planning approach
 - Involve the Whole Community (regional stakeholders)
 - Identify/Screen/Address Multi-hazards
 - Engage the Public
- Understand capabilities and vulnerabilities to hazards
 - Identify needed assets
- Identify projects and actions
- Integrated with other planning efforts



**Local
Hazard
Mitigation
Plan (cont.)**

Requirement

- Locals prepare, adopt, and maintain
 - must be update every 5 years
- Cal OES reviews
- FEMA approves

What are Cal OES/FEMA are looking for.....

- Proper documentation of planning process
- Current community, hazard, and impact information
- Validation/Identification of projects and actions
- Method for plan review (updating) and implementation
- Verification plan was adopted

SOC CCD LHMP

- Includes
 - Natural Threats/Hazards
 - Manmade Threats/Hazards
 - Technology Threats/Hazards
- Analyze All Campuses
 - Advanced Technology & Education Park (ATEP)
 - Irvine Valley College (IVC)
 - Saddleback College (SC)
- Plan Update
 - Required every five (5) years
 - Last approved/adopted 2022
- Two (2) Planning Teams *and the Public*

Planning Process

1- Prepare

2- Develop

2a- Existing Conditions

2b- Risk Assessment

2c- Mitigation Strategies

3- Finalize

4- Implement/Maintain



**SOCCCD
LHMP
(cont.)**

Core Planning Team (Steering Committee)

- Representatives from the District and College
- Consultant Team

Stakeholder Planning Team

- Representatives from the District and College
- Representatives from Regional Stakeholders
 - State
 - County
 - Cities (Irvine, Mission Viejo, Tustin)
 - Lifelines/Utilities (electric, water, gas, telecommunications)



Table of Content

SOCCCD LHMP (cont.)

Preface		
1. Introduction		Why We Are Doing This
2. Planning Process		How We Will Get It Done
3. District Profile		
4. Capability Assessment		Considerations
5. Hazard Assessment		
6. Vulnerability Assessment		Problem Statement
7. Mitigation Strategy		Solution
8. Plan Administration		How We Will We Maintain the Plan

Problem Statement +/- Considerations = Solutions

Current Status

- **Preface, 1-Introduction, 2-Planning Process, 3-District Profile**
 - *under Stakeholder Planning Team review*
- **4-Capability Assessment, 5-Hazard Assessment**
 - *75% drafted*



Threats / Hazards

**SOCCCD
LHMP
(cont.)**

- Aircraft Incident
- Civil Disturbance
- Dam Failure
- Drought
- Earthquake
- Energy Disruption
- Extreme Temperature
- Flooding
- Hazardous Materials Accident
- Infectious Disease
- Landslide
- Natural Gas Pipeline Accident
- Radiological Accident
- Technology Disruption
- Terrorism
- Wildfire
- Windstorm



Threat/Hazard Screening

**SOCCCD
LHMP
(cont.)**

PROBABILITY

- High- **Greater than 75% chance** of happening within the next 5 years
- Medium- **Between 30% and 75% chance** of happening within the next 5 years
- Low- **Less than 30% chance** of happening within the next 5 years

IMPACT

- Consequences will be **significant** (catastrophic/critical)
- Consequences are considered **limited**, but not insignificant
- Consequences are considered **negligible**



**SOCCCD
LHMP
(cont.)**

Aircraft Accident

Campus	Probability	Impact
ATEP	Low	High
IVC	Low	Medium
SC	Low	Medium

Civil Disturbance

Campus	Probability	Impact
ATEP	Medium	Medium
IVC	Medium	Medium
SC	Medium	Medium

Dam Failure

Campus	Probability	Impact
ATEP	Low	Low
IVC	Low	Low
SC	Low	Low

Drought

Campus	Probability	Impact
ATEP	Low	Low
IVC	Low	Low
SC	Low	Low

Earthquake

Campus	Probability	Impact
ATEP	High	High
IVC	High	High
SC	High	High

Energy Disruption

Campus	Probability	Impact
ATEP	Medium	Medium
IVC	Medium	Medium
SC	Medium	Medium



**SOCCCD
LHMP
(cont.)**

Extreme Temperature

Campus	Probability	Impact
<i>ATEP</i>	<i>Medium</i>	<i>Medium</i>
<i>IVC</i>	<i>Medium</i>	<i>Medium</i>
<i>SC</i>	<i>Medium</i>	<i>Medium</i>

Hazardous Materials Accident

Campus	Probability	Impact
<i>ATEP</i>	<i>Low</i>	<i>Low</i>
<i>IVC</i>	<i>Low</i>	<i>Medium</i>
<i>SC</i>	<i>Low</i>	<i>Low</i>

Landslide

Campus	Probability	Impact
<i>ATEP</i>	<i>Low</i>	<i>Low</i>
<i>IVC</i>	<i>Low</i>	<i>Low</i>
<i>SC</i>	<i>Medium</i>	<i>Low</i>

Flood

Campus	Probability	Impact
<i>ATEP</i>	<i>Low</i>	<i>Low</i>
<i>IVC</i>	<i>High</i>	<i>High</i>
<i>SC</i>	<i>Medium</i>	<i>Low</i>

Infectious Disease

Campus	Probability	Impact
<i>ATEP</i>	<i>Medium</i>	<i>High</i>
<i>IVC</i>	<i>Medium</i>	<i>High</i>
<i>SC</i>	<i>Medium</i>	<i>High</i>

Natural Gas Pipeline Accident

Campus	Probability	Impact
<i>ATEP</i>	<i>Low</i>	<i>Medium</i>
<i>IVC</i>	<i>Low</i>	<i>Medium</i>
<i>SC</i>	<i>Medium</i>	<i>Medium</i>



**SOCCCD
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(cont.)**

Radiological Accident

Campus	Probability	Impact
ATEP	Low	Low
IVC	Low	Medium
SC	Low	Medium

Technology Disruption

Campus	Probability	Impact
ATEP	High	High
IVC	High	High
SC	High	High

Terrorism

Campus	Probability	Impact
ATEP	Low	Medium
IVC	Low	Medium
SC	Low	Medium

Wildfire

Campus	Probability	Impact
ATEP	Medium	Low
IVC	Medium	Low
SC	High	High

Windstorm

Campus	Probability	Impact
ATEP	High	Medium
IVC	High	Medium
SC	High	Medium

Public Outreach Plan

- Outreach will be virtual
 - Historically, more attendance
- Will hold two (2) Public Meetings
 - 1) Project Kickoff/Initial Efforts
 - 2) Draft Plan Review
- LHMP Status Updates via
 - District/College Social Media (i.e., website, Facebook)
 - Board Meetings and other community meetings

Next Steps

- Hold additional Core and Stakeholder Planning Team meetings
- Prepare and Review Draft LHMP Sections
 - Capabilities Assessment
 - Risk Assessment
 - Mitigation Strategies
- Provide status updates to the public



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Contact Information

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