



**[JURISDICTION] CATASTROPHIC
EARTHQUAKE MASS TRANSPORTATION/
EVACUATION PLAN
WORKSHOP**

[DATE]

[Jurisdiction
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OPENING, INTRODUCTIONS, & OVERVIEW

[Jurisdiction
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WELCOME AND HOUSEKEEPING

- Sign In, Workshop Materials
- Restrooms
- Silence cell phones
- Emergencies
- Breaks



INTRODUCTIONS

- Facilitators
- Participants



WORKSHOP SCHEDULE

[Date]

8:30 – 9:00	Registration
9:00 – 9:15	Opening and Introductions
9:15 – 9:45	Module 1: Plan Overview
9:45 – 11:00	Module 2: Objective 1 – Roles and Responsibilities
11:00 – 12:15	Module 3: Objective 2 – Coordination and Communication
12:15 – 12:45	Working Lunch
12:45 – 1:45	Module 4: Objective 3 - Operations
1:45 – 2:15	Module 5: Review and Findings
2:15 – 2:30	Participant Feedback



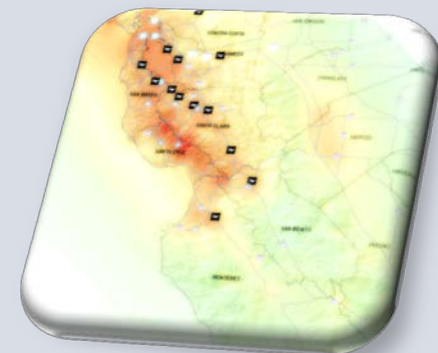
WORKSHOP MANUAL

[insert image of Workshop Manual
Cover]



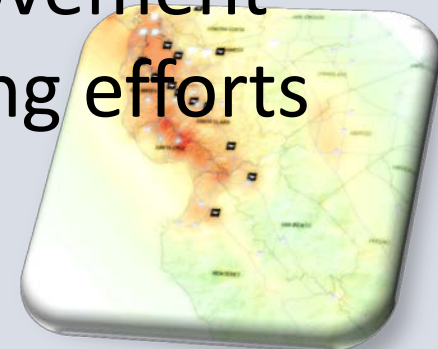
WORKSHOP PURPOSE

- Conduct a systematic review of the [Jurisdiction] Catastrophic Earthquake Mass Transportation/Evacuation Plan .



WORKSHOP PURPOSE (CONT.)

- To familiarize workshop participants with critical elements discussed in the [Jurisdiction] Mass Transportation/ Evacuation Plan
- To review and/or evaluate critical elements and concepts presented in the Plan
- To identify gaps and areas for improvement for Plan revisions and future planning efforts



WORKSHOP OBJECTIVES

1. Evaluate the roles and responsibilities identified in the Plan and verify that the list is accurate and inclusive of all agencies relevant to the Plan.
2. Evaluate the methods described for coordination and communication among local, State, and Federal government agencies.
3. Evaluate that the operations section of the Plan is effective at accurately describing all the critical issues relevant to the Plan.



WORKSHOP STRUCTURE

- Workshop will be an interactive, facilitated discussion, organized by modules
- Modules will not be presented chronologically to mirror the scenario event; rather, they will support objectives formulated to verify accuracy and consistency of the Plan and the operational elements necessary to carry out mass transportation/evacuation operations
- Participants will be introduced to Objectives and Discussion Points that support those objectives and will be asked to respond to facilitated questions



WORKSHOP GUIDELINES

- Primary goal of the workshop forum is to ensure that the coordination, resource-requesting and decision-making processes are accurately described
- Emphasis is on identifying potential inaccuracies or gaps and resolving them through discussion
- Developing solutions should be the focus
- Participation based on knowledge of existing plans and capabilities, and insights is encouraged



WORKSHOP GUIDELINES (CONT.)

- Decisions are not precedent-setting; the workshop is an opportunity to present and discuss multiple options and possible solutions
- Support from other responders and agencies is assumed
- Scenario, objectives, and assumptions serve as the basis for discussion
- Goal is to review elements of the plans, not to validate the scenario or the HAZUS estimates





MODULE 1: OVERVIEW OF THE [**JURISDICTION**] CATASTROPHIC EARTHQUAKE MASS TRANSPORTATION/EVACUATION PLAN

[Jurisdiction
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PLAN OVERVIEW

- The objectives of the plan are to:
 - Project the catastrophic impacts of the earthquake
 - Define planning assumptions
 - Identify overarching priorities
 - Identify time-based objectives to guide response operations
 - Identify the appropriate authority to declare a coordinated evacuation
 - Identify agencies with a role and define their role
 - Establish a clear system of coordination
 - Describe resources required
 - Establish a response timeline

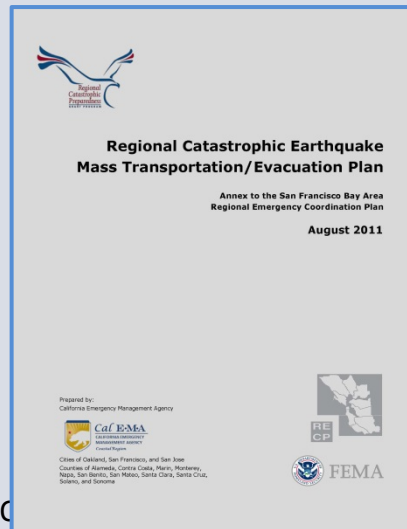
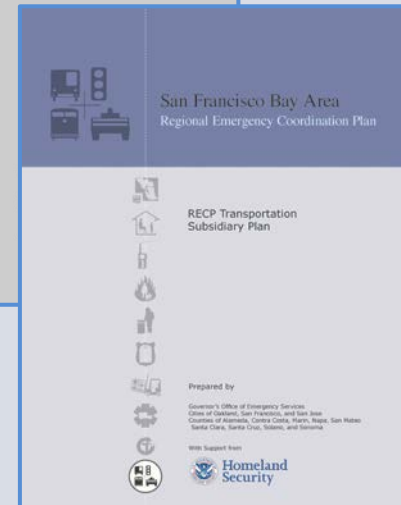
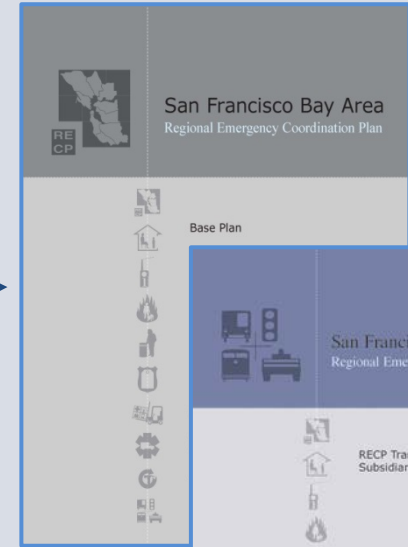
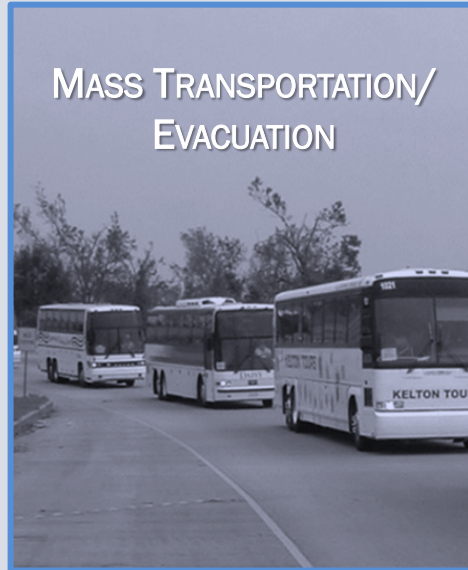


PLAN STRUCTURE

- **Main Body:** Presents the core planning principles and operational elements for mass transportation/evacuation operations in the response to the earthquake.
- **Appendix A:** Acronyms and Glossary
- **Appendix B:** Maps referenced in the Plan
- **Appendix C:** Critical Information Collection Plan
- **Appendix D:** Guidance for the Dissemination of Public Information
- **Appendix E:** Additional Relevant Information
- **Appendix F:** Assumptions related to infrastructure damage from and earthquake on the Hayward fault



PLAN RELATIONSHIPS



CATASTROPHIC EARTHQUAKE SCENARIO

- The plan is based on a catastrophic earthquake scenario
- The scenario used for planning purposes is a recurrence of the 1906 moment magnitude (**M**) 7.9 earthquake on the northern segment of the San Andreas fault.



EARTHQUAKE CHARACTERISTICS

- Main shock lasts 45 to 60 seconds
- Epicenter is just outside the entrance to the San Francisco Bay, west of the Golden Gate Bridge
- Earthquake ruptures approximately 300 miles of the northern segment of the San Andreas Fault
- Threats and hazards resulting from the main shock are aggravated or recur during aftershocks, which continue for months after the main shock



REGIONAL IMPACTS

- 300,000 people seeking shelter
- 500,000 households without electricity
- 1.8 million households without potable water
- 7,000 fatalities
- 50 million tons of debris
- More than 1 million people requiring transportation assistance because of hazardous conditions or dislocation



REGIONAL IMPACTS (CONT.)

- Threats and hazards resulting from shaking, surface fault rupture, and liquefaction include:
 - Structural and nonstructural damage to buildings and infrastructure
 - Widespread fires
 - Subsidence and loss of soil-bearing capacity
 - Displacement along the San Andreas Fault
 - Widespread landslides
 - Hazardous materials spills and incidents
 - Dam/levee failure, resulting in flooding
 - Civil disorder



MASS TRANSPORTATION/EVACUATION ASSUMPTIONS

[Enter the assumptions identified in your Mass Transportation/Evacuation Plan. The assumptions are used to enhance the scenario description and provide a basis for the discussion]





MODULE 2: OBJECTIVE 1

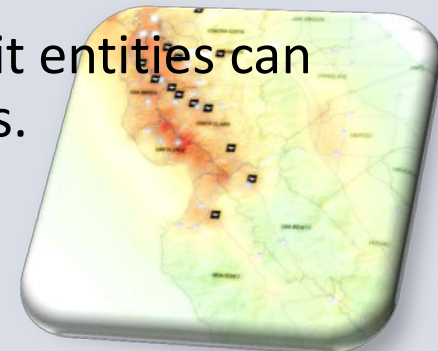
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OBJECTIVE 1: ROLES AND RESPONSIBILITIES

Discussion Time: Approximately 1 Hours and 15 Minutes

Evaluate the roles and responsibilities identified in the Plan and verify that the list is accurate and inclusive of all agencies relevant to the Plan.

- **Discussion Point 1:** Consider the Plan's consistency with the overarching emergency management plans (e.g., Emergency Operations Plan)
- **Discussion Point 2:** Consider the needs and challenges specific to mass transportation and evacuation operations.
- **Discussion Point 3:** Ensure effective integration across the multiple levels of government.
- **Discussion Point 4:** Consider which private/nonprofit entities can be incorporated into mass transportation operations.





MODULE 2: OBJECTIVE 2

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OBJECTIVE 2: COORDINATION AND COMMUNICATION

Discussion Time: Approximately 1 Hours and 15 Minutes

Evaluate the methods described for coordination and communication among local, State, and Federal government agencies.

- **Discussion Point 1:** Address the mechanisms for coordinating with neighboring jurisdictions regarding the movement of people.
- **Discussion Point 2:** Address the potential for technological challenges that would need to be addressed to improve coordination.
- **Discussion Point 3:** Consider the Critical Information List





BEGIN WORKING LUNCH 30 MINUTES

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MODULE 4: OBJECTIVE 3

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OBJECTIVE 3: OPERATIONS

Discussion Time: Approximately 60 Minutes

Evaluate that the operations section of the Plan is effective at accurately describing all the critical issues relevant to the Plan.

- **Discussion Point 1:** Evaluate the pickup points identified in the Plan.
- **Discussion Point 2:** Evaluate the transportation routes identified in the Plan.
- **Discussion Point 3:** Consider the proposed timing of planned tasks and activities.
- **Discussion Point 4:** Evaluate the Plan's approach to addressing access and functional needs populations.





MODULE 5: REVIEW AND FINDINGS

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REVIEW AND FINDINGS

- Reviewed Concepts
- Strengths
- Identified Gaps or Areas for Improvement



NEXT STEPS

- Complete Participant Feedback Forms
- [Next steps may include: the development of an After Action Report, an After Action Meeting, additional workshops or working groups, and revisions to the Plan]





THANK YOU!

Please leave your completed Participant Feedback Forms on the tables.

PROJECT POINTS OF CONTACT

[Agency Name]

[Name of Contact]

[Title/Position]

[Phone Number]

[Email]

[Agency Name]

[Name of Contact]

[Title/Position]

[Phone Number]

[Email]

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