



CALIFORNIA RESILIENCY ALLIANCE

2023 STATE HAZARD MITIGATION PLAN (SHMP) UPDATE

MARCH 6, 2023

AGENDA

- Introduction
- SHMP Overview
 - Benefits
 - Process
- Stakeholders
- Methodology
- Focus for Update
 - Goals
 - Equity and Climate
- Public Comment Demo
- Q&A



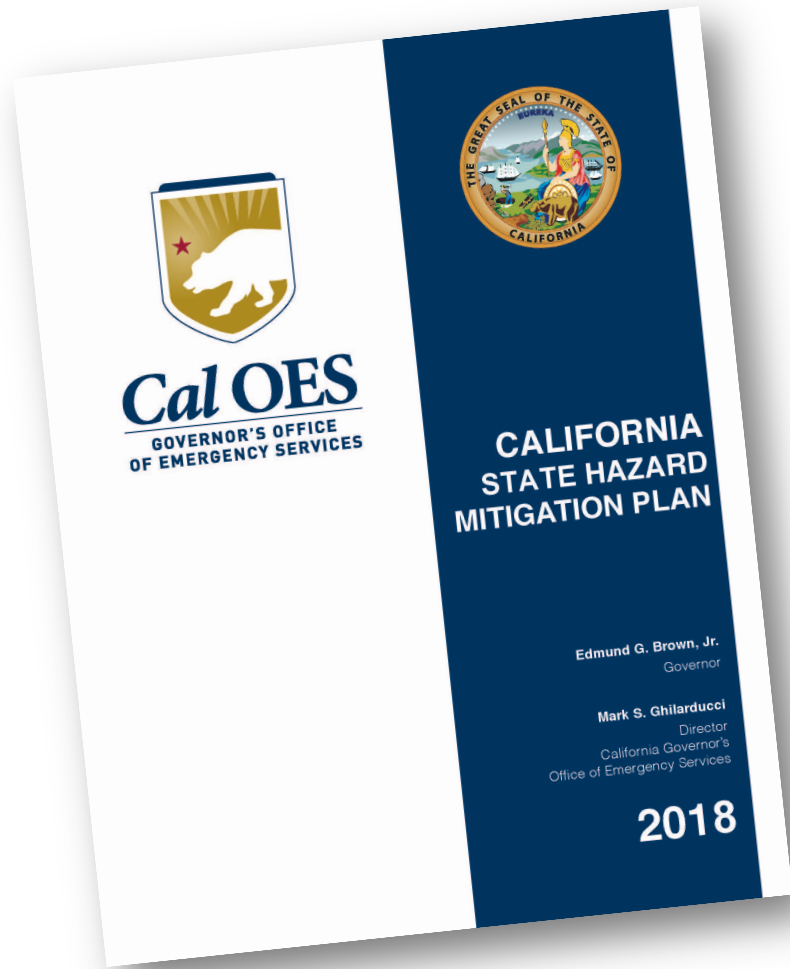
STATE HAZARD MITIGATION PLAN

JESSICA LONDON

PROGRAM MANAGER

CAL OES STATE MITIGATION PLANNING UNIT

WHAT IS THE STATE HAZARD MITIGATION PLAN (SHMP)?



- Primary hazard mitigation guidance document
- Describes California's:
 - Historical and current hazards
 - Mitigation strategies
 - Goals
 - Objectives
- Demonstrates State's commitment to resilience
- Guide for decision makers
- Integral with Local Hazard Mitigation Plans (LHMP)

WHO DOES A SHMP?

“A state must have a mitigation plan to receive certain kinds of non-emergency disaster assistance, including:

- FEMA’s Hazard Mitigation Assistance (HMA) programs,
- Public Assistance funds (non-emergency permanent work),
- Fire Management Assistance Grants, and
- Rehabilitation of High-Hazard Potential Dam grants.”

Citation: FEMA. “Fact Sheet: Hazard Mitigation Planning for States.” Mar 2021, https://www.fema.gov/sites/default/files/documents/fema_planning-state_factsheet.pdf

SHMP BENEFITS

Mitigation

Disaster
Funding

Resilience



SHMP PROCESS



5-Year Update



Planning Process

Engaging stakeholders

Identifying hazards and vulnerabilities

Developing a long-term strategy to reduce risk and future losses

Implementing the plan, taking advantage of a wide range of resources



Stakeholders

State agencies

State capabilities (GIS, technical expertise, etc.)

Regional, Local, and Tribal input

Other public, academic, and community-based stakeholders

Sampling of our Stakeholders



FEMA



CALIFORNIA
NATURAL
RESOURCES
AGENCY

DGS
GENERAL SERVICES



The Nature
Conservancy



HCA
Department of Health Care
Access and Information



CalRecycle



CSU The California State University
OFFICE OF THE CHANCELLOR



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



US Army Corps
of Engineers®



USGS
science for a changing world



CalEPA
California Environmental
Protection Agency

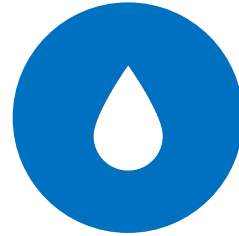
CEA CALIFORNIA
EARTHQUAKE
AUTHORITY™

HAZARD AND WORKING GROUPS

Hazard Groups



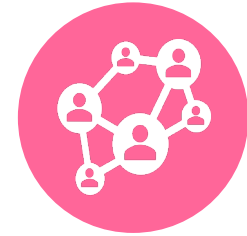
Seismic



Flood



Fire



Other

Working Groups



GIS TAWC



Goals and Objectives

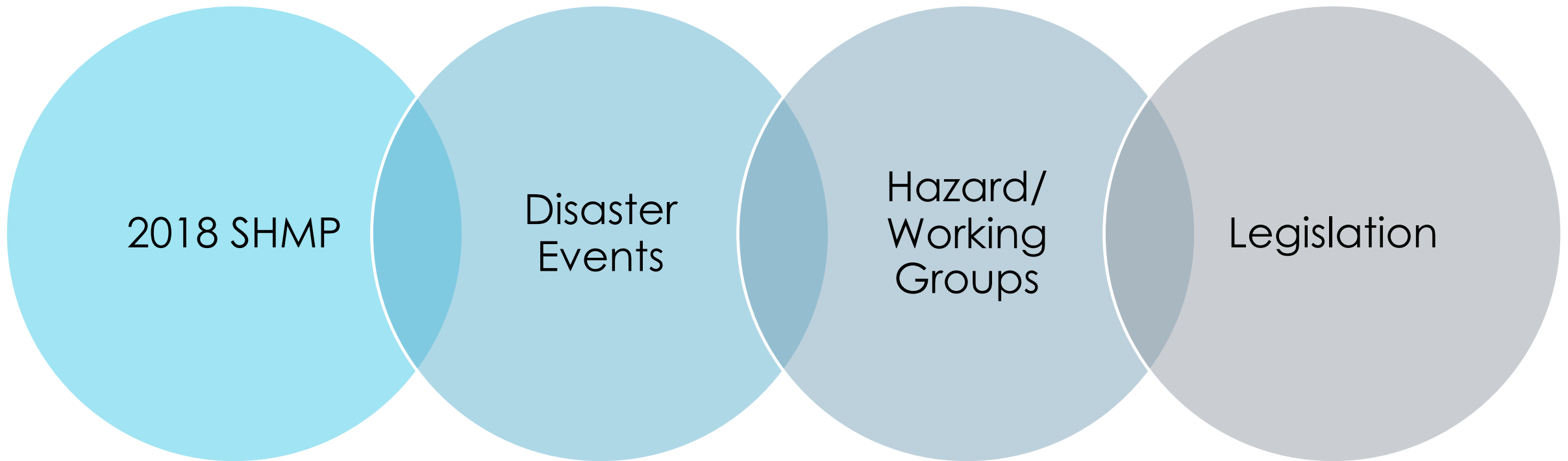


Equity



Climate Impacts

METHODOLOGY: SELECTING THE HAZARDS

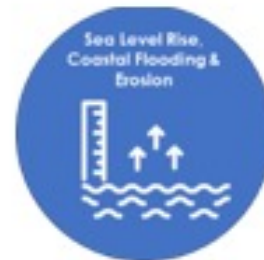


METHODOLOGY: SELECTING THE HAZARDS

Geological Hazards



Flood Hazards



Fire Hazards



METHODOLOGY: SELECTING THE HAZARDS

Meteorologic Hazards



Biological Hazards



Other Hazards



Human-Caused Hazards



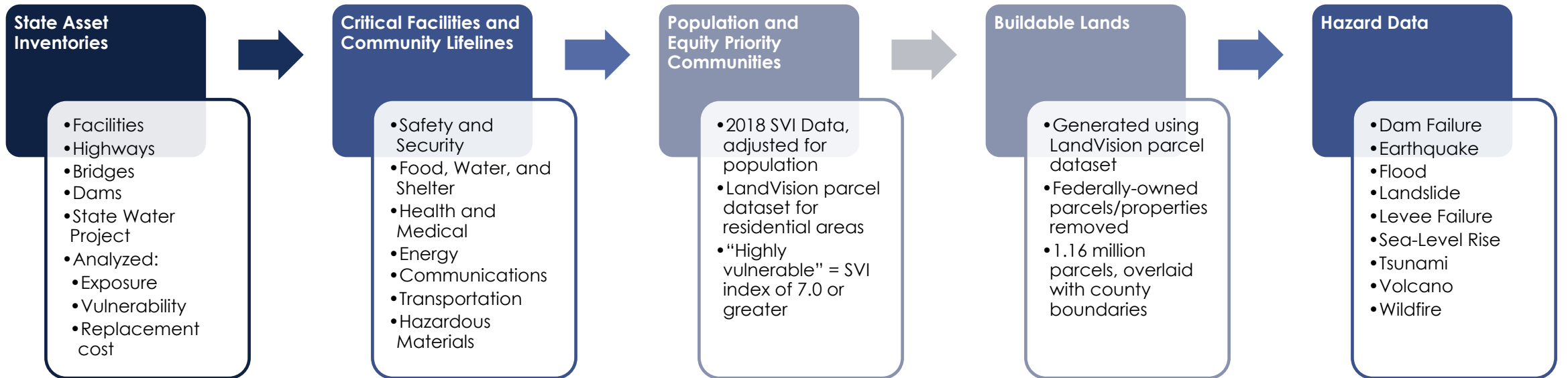
METHODOLOGY: HAZARD IMPACT



METHODOLOGY: HAZARD IMPACT



METHODOLOGY: RISK ASSESSMENTS





2023 SHMP UPDATE FOCUS

Meet FEMA Standard and Enhanced Elements

Actionable

Usability

- Readability – Glossary, Plain Language
- Engaging – Links, Visualizations
- Accessibility

Highlight on Emerging and Critical Issues

- Climate Impacts
- Equity

2023 SHMP GOALS

Goal 1	Significantly reduce risk to life, community lifelines, the environment, property, and infrastructure by planning and implementing whole-community risk reduction and resilience strategies.
Goal 2	Build capacity and capabilities to increase disaster resilience among historically underserved populations, individuals with access and functional needs, and communities disproportionately impacted by disasters and climate change.
Goal 3	Incorporate equity metrics, tools, and strategies into all mitigation planning, policy, funding, outreach, and implementation efforts.
Goal 4	Apply the best available science and authoritative data to design, implement, and prioritize projects that enhance resilience to natural hazards and climate change impacts.
Goal 5	Integrate mitigation principles into laws, regulations, policies, and guidance to support equitable outcomes to benefit the whole community.
Goal 6	Significantly reduce barriers to timely, efficient, and effective hazard mitigation planning and action.

EMERGING AND CRITICAL ISSUES



Equity



**Climate
Impacts**

HOW TO GET INVOLVED: PUBLIC COMMENT

- Public Comment Period now open!
- Open to all public and planning partners
- Available on the [Cal OES Hazard Mitigation Planning webpage](#)
- Closes Friday, March 24th, 2023
- Final draft published end of September 2023





Hazard Mitigation Planning

The Hazard Mitigation Planning Division develops and maintains the State Hazard Mitigation Plans (SHMP) and supports the development and state approval of Local Hazard Mitigation Plans (LHMP) to identify state and local risk to hazards, mitigation capabilities, and mitigation strategies. This Division is comprised of the State Mitigation Planning Unit and Local Mitigation Planning Unit. Our staff maintains and updates all comprehensive state and local mitigation planning programs.

2023 State Hazard Mitigation Plan (SHMP) – Public Review Draft

Cal OES is excited to release the draft 2023 State Hazard Mitigation Plan (SHMP or Plan) for public review and comment. The Plan will be available for comment until **Friday, March 24, 2023**. To submit comments, edits, and feedback, please complete this accompanying [Public Comment Survey](#). For any issues accessing the draft SHMP or the survey, please contact SHMP@CalOES.ca.gov.

The SHMP is California's primary hazard mitigation guidance document. It details California's historical and current hazards, identifies mitigation strategies and actions to address those hazards, and provides guidance to local jurisdictions developing their own hazard mitigation plans. The SHMP is updated every five years pursuant to U.S. Code of Federal Regulations (CFR) Title 44, Section 201.4. The current SHMP, released in 2018, is set to expire in September 2023. Once approved, the draft 2023 SHMP will become the State's current Plan. For more information on the draft 2023 SHMP, please refer to the Fact Sheet below.

The 2023 SHMP expands on previous SHMP discussions of hazard impacts on equity priority communities and climate change as an exacerbator to hazard events. The 2023 SHMP also organizes hazards according to an impact ranking score, rather than by hazard type as seen in previous Plans. Critically, the 2023 SHMP uses a clearer organization method and plain language to ensure accessibility and readability for State agency stakeholders, local jurisdictions, and the general public.

The 2023 SHMP materials for **Volume 1. Core Plan** are available by major section, referred to as "Parts," as well as in its entirety. **Volume 2. Appendices** is available in its entirety. Please submit all feedback via the [Public Comment Survey](#).

2023 SHMP Materials



Draft 2023 SHMP Volume 1



Draft 2023 SHMP Volume 2



CAL OES HAZARD MITIGATION PLANNING



2023 State Hazard Mitigation Plan Update *Fact Sheet and FAQs*

What is Hazard Mitigation?

Hazard mitigation is the sustained effort to reduce loss of life and property by lessening or eliminating the impacts of natural disasters, climate hazards, and human-caused threats. It creates safer communities and helps maintain quality of life. Effective hazard mitigation requires an understanding of all risks and a sustained investment in long-term community well-being through the implementation of short- and long-term strategies before the next disaster.

What is the State Hazard Mitigation Plan?

The State Hazard Mitigation Plan (SHMP or Plan) is California's primary hazard mitigation guidance document. It provides an analysis of the State's historical and current hazards, describes the State's hazard mitigation goals and objectives, and details the State's hazard mitigation strategies and actions. The Plan represents the State's commitment to a comprehensive mitigation strategy to reduce or eliminate potential risks and impacts of disasters, reducing loss of life and property, promoting faster disaster recovery, and creating a more resilient California.

2023 SHMP Update Fact Sheet and FAQs



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

California's 2023 State Hazard Mitigation Plan (SHMP) Update

Public Comment Survey

California's State Hazard Mitigation Plan (SHMP or Plan) is the State's primary hazard mitigation document outlining California's historical and current hazards, mitigation strategies, goals, and objectives. Most importantly, the SHMP reflects the State's commitment to reduce or eliminate potential risks and impacts of natural and human-caused disasters by making California's families, homes, and communities better prepared and more disaster-resilient. The SHMP is updated on a five-year cycle as required by the Robert T. Stafford Disaster Relief and Emergency Assistance Act.

2023 SHMP Update Public Comment Survey



State of California Hazard Mitigation Plan

Volume 1. Core Plan



January 2023

VOLUME 1.
CORE PLAN

VOLUME 2.
APPENDICES

Contact Information

State Mitigation Planning Unit

- Jessica London, Program Manager:
Jessica.London@CalOES.ca.gov
- Matt Muñoz, Senior Emergency Services
Coordinator: Matt.Munoz@caloes.ca.gov
- Aykanush Mikayelyan, AGPA:
Aykanush.Mikayelyan@caloes.ca.gov
- State Hazard Mitigation Plan Inbox:
SHMP@CalOES.ca.gov