

# Clark Regional Natural Hazard Mitigation Plan

City of La Center

March 22, 2017  
La Center City Council Presentation



Speaker

## ***NAME***

- Anthony Vendetti, CRESA, Emergency Management Coordinator



# Today's Discussion

- What is Hazard Mitigation?
- Why Prepare a Hazard Mitigation Plan (HMP)?
- What was the Planning Process?
- What were the Results of this Process?



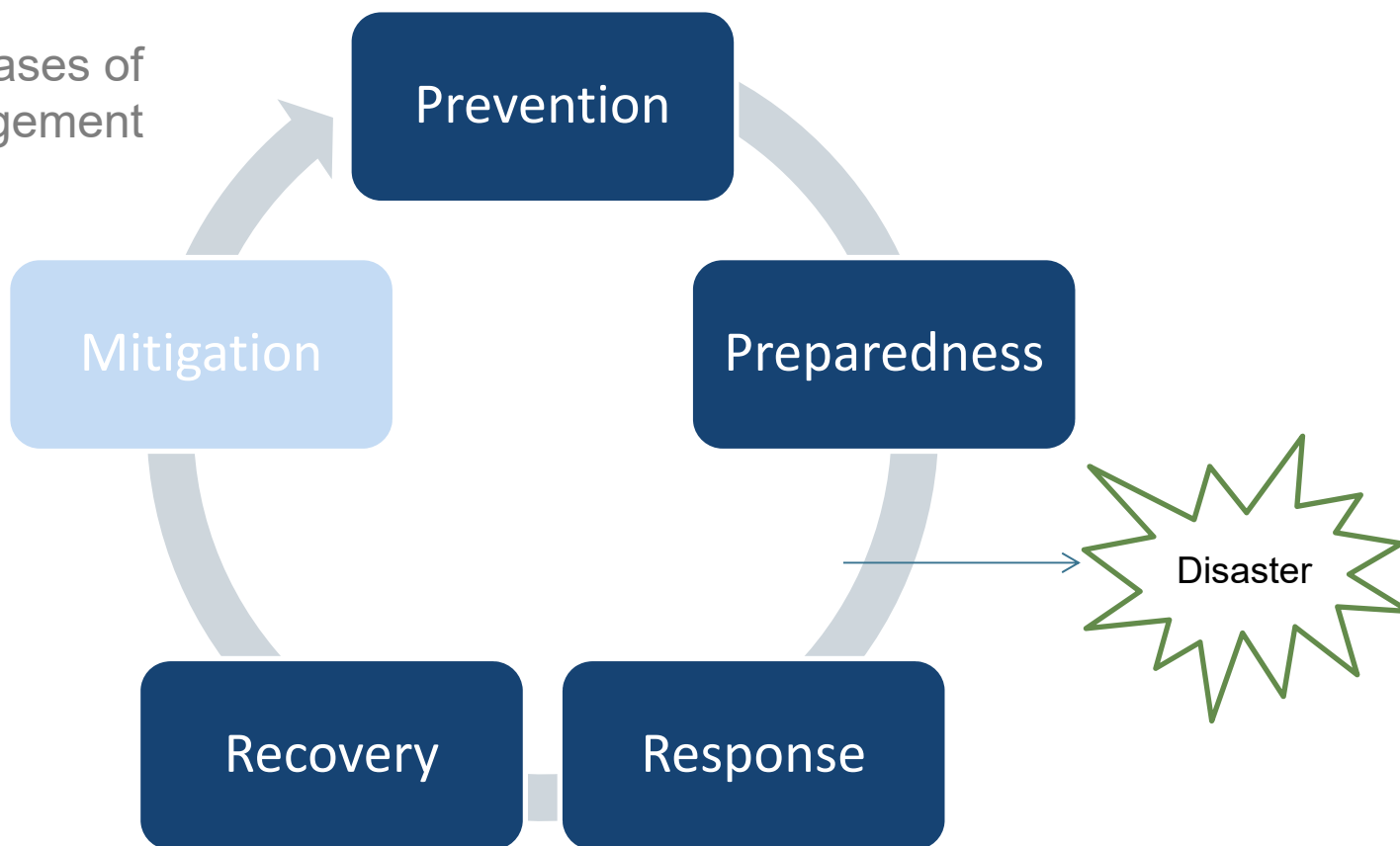
## The Problem

- All communities experience losses from natural hazard events
- Local, State, and Federal resources are often spent on recovery costs related to hazard events in the same areas
- Communities are not sustainable and resilient if they do not take proactive action to reduce the impacts from these inevitable hazard events



# What is Mitigation?

Five Phases of  
Emergency Management



*“Sustained action taken to reduce or eliminate long-term risk to life and property”*

## Why Did We Prepare the Plan?

- Identify natural hazard risks and vulnerabilities for the people, property and economy of Clark County
- Develop specific strategies to reduce disaster risk and improve resilience
- Promote the wise use of resources and increase coordination among Clark County jurisdictions
- Restore eligibility for federal mitigation grant funding



# The Plan Update Process



# Organize Resources

## Who Participated?

CRESA led a planning partnership of 9 municipalities and 8 special purpose districts:

- Clark County
- City of Battle Ground
- City of Camas
- City of La Center
- City of Ridgefield
- City of Vancouver
- City of Washougal
- City of Woodland
- Town of Yacolt
- Clark Public Utilities
- Port of Vancouver
- C-TRAN
- Clark Regional Wastewater District
- Battle ground Public Schools
- Camas School District
- Ridgefield School District
- Clark County Fire District 3





# Organize Resources

## Who Participated?

- A 15 member Steering Committee oversaw the plan development process:
  - Comprised of non-governmental and governmental stakeholders
  - Met 9 times between August 2015 and May 2016
  - All meetings were open to the public and had frequent non-committee attendees
- Steering committee is currently transitioning to a Hazard Mitigation Working Group that will meet quarterly during plan implementation



## *Purpose, Goals, Objectives and Actions*

Purpose: Define natural hazard risk and, through collaboration and partnerships, establish strategies and actions for reducing the impacts of disasters in Clark County.



# Risk Assessment

## *Hazards of Concern*

The Steering Committee identified 8 hazards of concern that were assessed for the plan:

- Dam Failure
- Drought
- Earthquake
- Flood
- Landslide
- Severe Weather
- Volcano
- Wildfire



# Risk Assessment

## *Hazards of Concern*

- Each Hazard of Concern was assessed and profiled:
  - General Background
  - Hazard Profile (Location, Severity, Frequency, Warning Time)
  - Secondary Hazards
  - Exposure (People, property, economy, and environment)
  - Vulnerability (People, property, economy, and environment)
- Results of this assessment were used to rank relative risk county-wide and for each jurisdiction



# Risk Assessment

## *Hazards of Concern*

### 4.7 HAZARD RISK RANKING

Table 4-8 presents the ranking of the hazards of concern.

**Table 4-8. Hazard Risk Ranking**

Rank	Hazard Type	Risk Rating Score (Probability x Impact)	Category
1	Severe weather	33	High
2	Earthquake	32	High
3	Flood	18	Medium
3	Landslide	18	Medium
4	Dam failure	8	Low
5	Drought	1	Low
5	Volcano	1	Low
5	Wildfire	1	Low



## *Purpose, Goals, Objectives and Actions*

- The Steering Committee identified 6 goals and 12 objectives to address issues identified in the risk assessment
- These were used by the planning partners to develop mitigation actions designed to support these goals and objectives:
  - 14 county-wide actions were identified
  - 272 actions were identified by planning partners
  - 19 actions were identified by La Center



## *Purpose, Goals, Objectives and Actions*

- A few notable actions for La Center include:
  - LC 9 - Determine critical gov't functions and establish redundancy for these functions (short term 1 – 3 years)
  - LC 10 - Seek compliance with the NFIP and once compliant maintain program (short term 0 -1 years)
  - LC 19 – Ensure emergency vehicle access to all residents to allow effective response and recovery (short term 0 – 5 years)

Section 4-10



# Plan Implementation

- The long term success of this planning effort will be determined by plan implementation!
  - A plan implementation and maintenance strategy was developed by the steering committee
  - The Hazard Mitigation Working Group will meet quarterly
  - Annual progress reporting on action implementation will be facilitated by CRESA





# Outcomes of This Process

- Improved understanding of risks and vulnerabilities for residents, local businesses and local governments
- Reduce negative impact of natural hazards – through the implementation of actions that save lives, reduce displacement, and speed recovery
- Encourage sustainable actions – builds strong, resilient, and self-sufficient communities
- Enhanced collaboration between local jurisdictions and residents
- Establish eligibility for grant funds (\$\$\$ for projects)



# *The Clark Regional Natural Hazard Mitigation Plan*

Was submitted to Washington State Emergency Management Division on September 16, 2016. The plan must be formally adopted in order to receive final approval from FEMA.

## **Volume 1: County-Wide Information**

Planning process information

Hazard profiles

County-wide risk ranking

County-wide mitigation strategy

## **Volume 2: Planning Partner Annexes**

Jurisdiction profiles

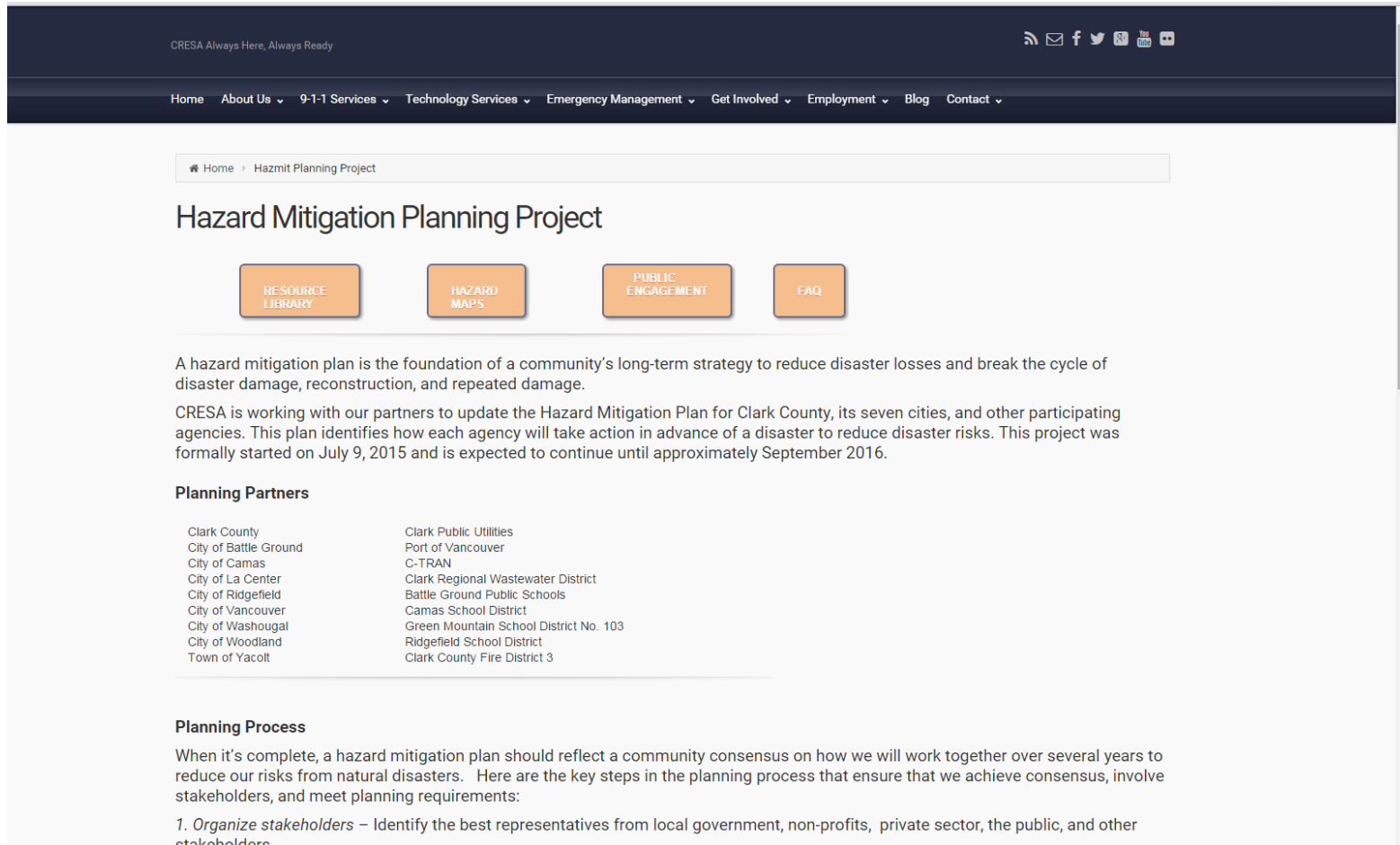
Capability assessments

Jurisdiction specific risk ranking

Jurisdiction specific action plans



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## Hazard Mitigation Planning Project

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A hazard mitigation plan is the foundation of a community's long-term strategy to reduce disaster losses and break the cycle of disaster damage, reconstruction, and repeated damage.

CRESA is working with our partners to update the Hazard Mitigation Plan for Clark County, its seven cities, and other participating agencies. This plan identifies how each agency will take action in advance of a disaster to reduce disaster risks. This project was formally started on July 9, 2015 and is expected to continue until approximately September 2016.

### Planning Partners

Clark County	Clark Public Utilities
City of Battle Ground	Port of Vancouver
City of Camas	C-TRAN
City of La Center	Clark Regional Wastewater District
City of Ridgefield	Battle Ground Public Schools
City of Vancouver	Camas School District
City of Washougal	Green Mountain School District No. 103
City of Woodland	Ridgefield School District
Town of Yacolt	Clark County Fire District 3

### Planning Process

When it's complete, a hazard mitigation plan should reflect a community consensus on how we will work together over several years to reduce our risks from natural disasters. Here are the key steps in the planning process that ensure that we achieve consensus, involve stakeholders, and meet planning requirements:

1. *Organize stakeholders* – Identify the best representatives from local government, non-profits, private sector, the public, and other stakeholders



<http://cresa911.org/emergency-management/mitigation/>