

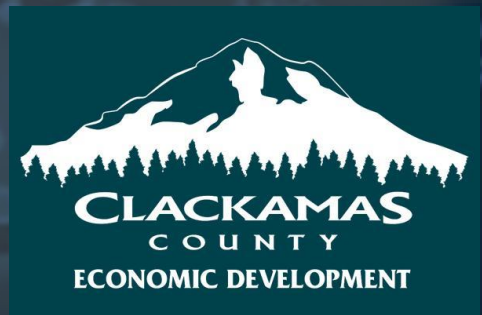
Pursuing Community Resilience: Challenges and Opportunities in the Age of Covid-19

Clackamas County Economic Development Commission
May 27, 2020



Jay Wilson
Resilience Coordinator

Molly Bradley
Community Planning Coordinator



Covid-19 Will Expose the Ghosts in the U.S. Economy

Even if they survive the lockdown, many U.S. businesses won't make it through the reopening.

By [Tyler Cowen](#)

May 19, 2020, 3:30 AM PDT



More ghost diners than real ones. *Photographer: Bryan Tarnowski/Bloomberg*

2,778 views | Apr 20, 2020, 11:34am EDT

From Response To Resilience: Economic Recovery Routes Beyond COVID-19



Kweilin Ellingrud Contributor ⓘ

Manufacturing

I cover transforming large-scale companies and workplace diversity.

f



in

As the world struggles to contain the spread of COVID-19, the immediate focus must be on saving lives—ensuring there is sufficient hospital capacity to treat patients, and enough accurate testing and contact-tracing capabilities to support thoughtful, data-driven policy decisions. Those will be critical as we also work toward safeguarding livelihoods and mitigating the economic impact.

Outline

1. EOC – Response to Reopening
2. Emergency Phases
3. Mitigation
 - Cost and Benefits
4. Transition – Recovery to Resilience
 - Oregon Resilience Plan
 - NIST Resilience
5. Recovery Planning

Hazards



DISEASE



DROUGHT



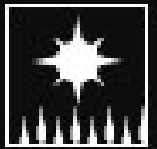
EARTHQUAKE



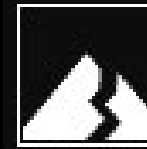
FIRE



FLOODING



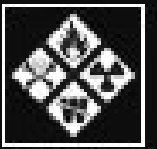
HEAT



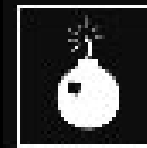
LANDSLIDE



LIGHTNING



HAZMAT -
POLLUTION



TERRORISM



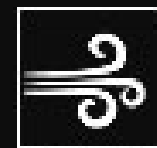
TORNADO



TSUNAMI



VOLCANO



WIND



WINTER
WEATHER



Covid-19 Response to Reopening

EOC Activated on February, 28, 2020

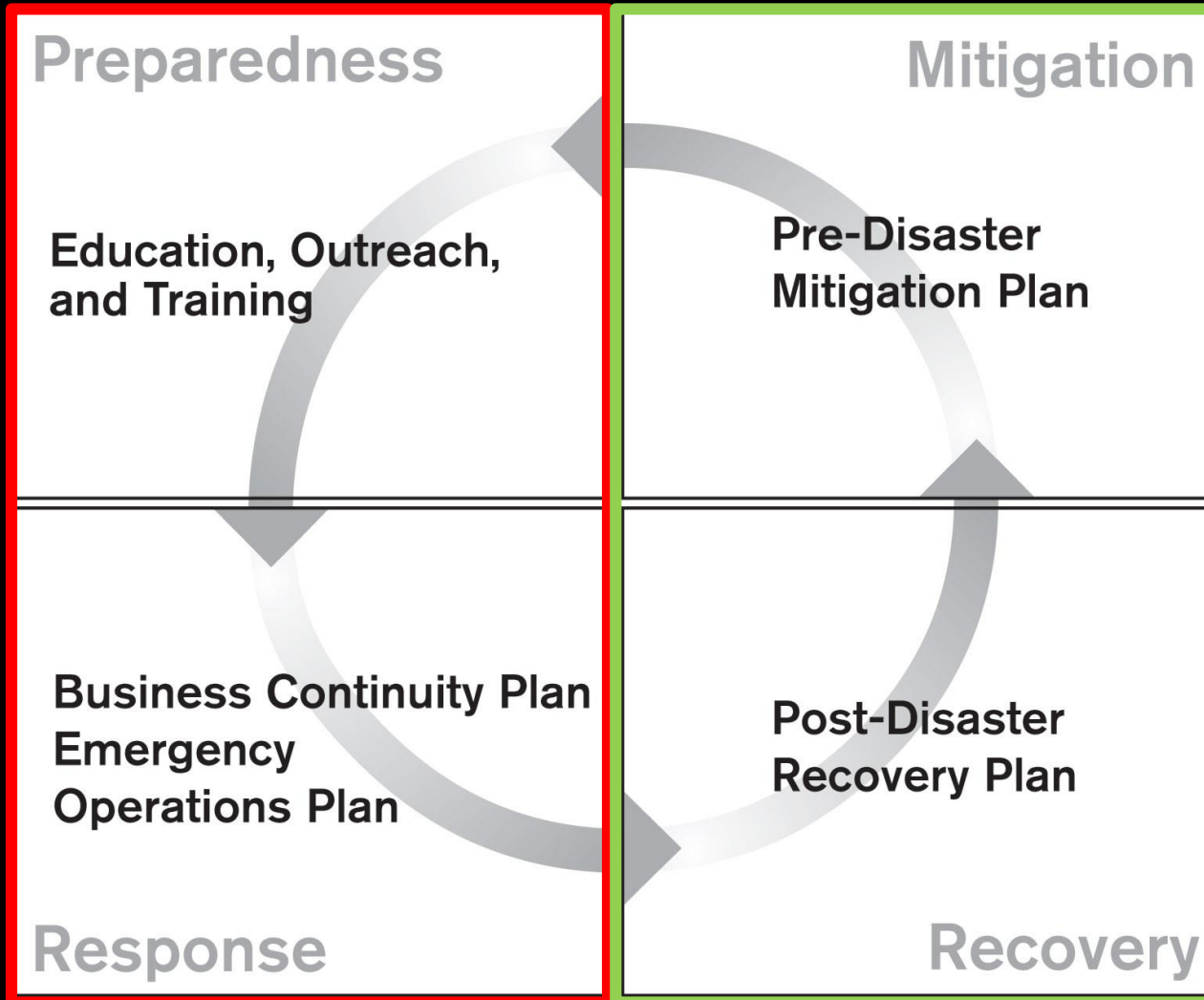
May 27 – Incident Period #69

Clackamas County
Phase I Reopening Application
May 2020



PHASE	DATE	UPDATES TO CURRENT STATE
0	May 1	Non-emergency procedures, medical & dental clinics – start at 50% (PPE dependent)
	May 5	Recreation where physical distancing can be followed (some state park day use areas and boat ramps, option for county/federal campgrounds)
	May 15	Open stand-alone retail – must follow OSHA guidelines: furniture stores, art galleries, jewelry shops, and boutiques. Open childcare, summer school, camps and youth programs (with limitations and specific guidelines)
I	May 19	Clackamas County will apply for Phase I Reopening, demonstrating the county's fulfillment of seven (7) pre-requisite criteria; Once approved, the County will open businesses, restaurants, bars, personal services, churches, theatres, health clubs while continuing to adhere to physical distancing restrictions on limiting capacity.
II	Phase II	After 21 days in Phase I, counties continuing to meet the prerequisites may be - able to enter Phase II; - Further expand gathering size, allow some office work, begin allowing visitation to congregate care.
III	Phase III	All large gatherings should be cancelled or significantly modified through at least September. Guidance on large gatherings scheduled for later in the fall will be provided this summer. - Concerts, conventions, festivals, live audiences sports will not be possible until a reliable treatment or prevention is available.

Planning for Disasters



➔ **Resilience**



MITIGATION

Pre-impact actions to reduce potential hazard effects or risk.

Protections are already in place at the time of impact.

PREPAREDNESS

Pre-impact actions that provide the resources needed at the time of impact.

Resources require post-impact action.



A new report from the National Institute of Building Sciences finds that for every dollar spent on federal grants aimed at improving disaster resilience, society saves six dollars. This return is higher than previously thought.

\$1:6

NADO Conference, March 19, 2018

Naomi Friedman, EDA

National Coordinator, Disaster Recovery and Resilience

Nfriedman@eda.gov

202-482-1978

➤ Opportunity to focus on Resilience through CEDS process

Responsibility for Disaster Safety

Personal —————> **Family** —————> **Community**

1. Awareness —————> Know Your Risk

2. Preparedness —————> What Will You Do?

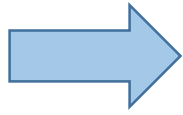
3. Risk Reduction —————> Minimize Losses

4. Recovery —————> Visioning
the Future



DRAFT Clackamas COVID-19 Recovery to Resilience (R2R) Timeline

Post-Reopening
June to December (optimistically)



Recovery Process
December through the dissemination of a vaccine and perhaps beyond (1 – 3 years).



Resilience Outcomes
Integration and implementation of resilience goals with existing plans, policies, and strategies (ongoing).

Response - EOC



Policy Committee



Recovery - DRM



Transition

Establishing a Resilience Trajectory



Aligning Recovery Goals with County Visioning and Strategic Priorities

Performance Clackamas 2020

Strategic Priorities



Build Public Trust through Good Government



Ensure Safe, Healthy, and Secure Communities



Honor, Utilize, Promote and Invest in our Natural Resources



Grow a Vibrant Economy



Build a Strong Infrastructure

Performance Clackamas 2020: Strategic Plan

Policy lenses that will enhance the strategic priorities:

- **Equity, Diversity, and Inclusion**
- **Carbon Neutrality**, including developing and implementing a Climate Action Plan
- **Healthy and Active Lifestyle**, guiding housing, transportation, and land use policies and decisions
- **Family Stability**, including an emphasis on issues of domestic violence, homelessness and workforce development

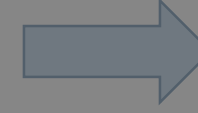


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The Oregon Resilience Plan

The Oregon Resilience Plan

Reducing Risk and Improving Recovery
for the Next Cascadia Earthquake and Tsunami

Report to the
77th Legislative Assembly

from
Oregon Seismic Safety Policy
Advisory Commission (OSSPAC)



Salem, Oregon
February 2013

50-year Comprehensive Plan

- ☐ Cascadia Earthquake Scenario
- ☐ Business/Workforce Continuity
- ☐ Coastal Communities
- ☐ Critical & Essential Buildings
- ☐ Transportation
- ☐ Energy
- ☐ Information and Communication
- ☐ Water & Wastewater

- ☐ Save Lives, protect our economy, and preserve our communities;
- ☐ 169 Expert Volunteers;
- ☐ \$ Millions in donation of professional services over a year

Current Resilience Gap

Business can only tolerate **two to four weeks** of disruption of essential services

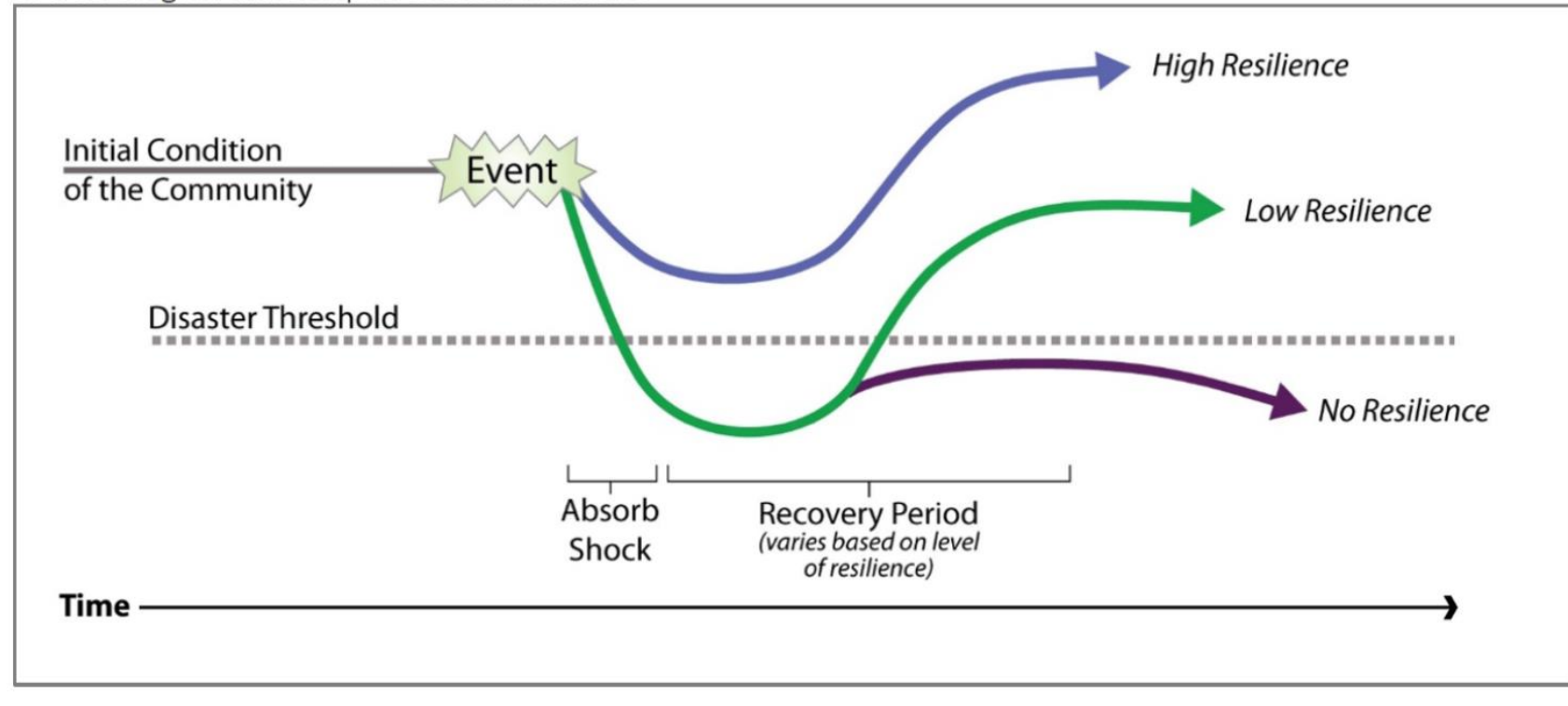
Critical Service	Zone	Estimated Time to Restore Service
Electricity	Valley	1 to 3 months
Electricity	Coast	3 to 6 months
Police and fire stations	Valley	2 to 4 months
Drinking water and sewer	Valley	1 month to 1 year
Drinking water and sewer	Coast	1 to 3 years
Top-priority highways (partial restoration)	Valley	6 to 12 months
Healthcare facilities	Valley	18 months
Healthcare facilities	Coast	3 years



ORP Definition of Resilience

Exhibit 2. Resilience and Recovery Trajectories

Source: Oregon Partnership for Disaster Resilience



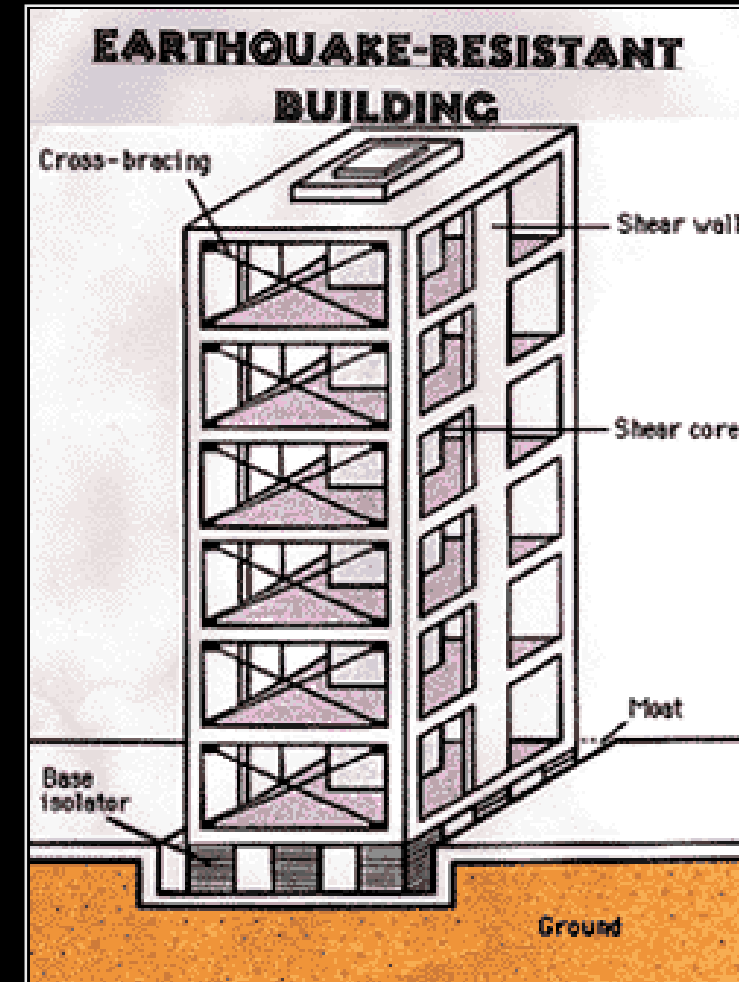
- **Resilience:** Save lives, Reduce Losses, Speed Recovery, & Rebuild Better
- Sustainability without **Resilience** is NOT sustainable!



Relationship Between Sustainability and Disaster Resilience



Source: Public Entity Research Institute



OSSPAC





NIST
**National Institute of
Standards and Technology**
U.S. Department of Commerce



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<https://www.nist.gov/topics/community-resilience>

Value Proposition of Resilience

Investing in resilience is a national imperative and increasingly considered a basic business practice.

Dane Egli and Jared McKinney | September 2, 2015



Envision Utah poll shows Utah residents want greater 'resiliency' to disasters

By Amy Joi O'Donoghue, Deseret News

[Follow @amyjoi16](#)

Published: Saturday, Sept. 5 2015 3:00 p.m. MDT

Updated: Saturday, Sept. 5 2015 8:15 p.m. MDT



[View 36 photos »](#)

Police and fire crews work Tuesday, Sept. 1, 2015, to put out a fire burning in Cottonwood Heights.

Scott G Winterton, Deseret News

Summary

Catastrophic wildfires, rampant flooding or the "big" earthquake — all are disasters that threaten not only lives and homes, but test residents' ability to bounce back and resume

SALT LAKE CITY — A significant majority of Utah residents are willing to pay more for their homes and utilities if it means they have a greater ability to bounce back and resume their normal lives after a flood, fire or earthquake strikes.

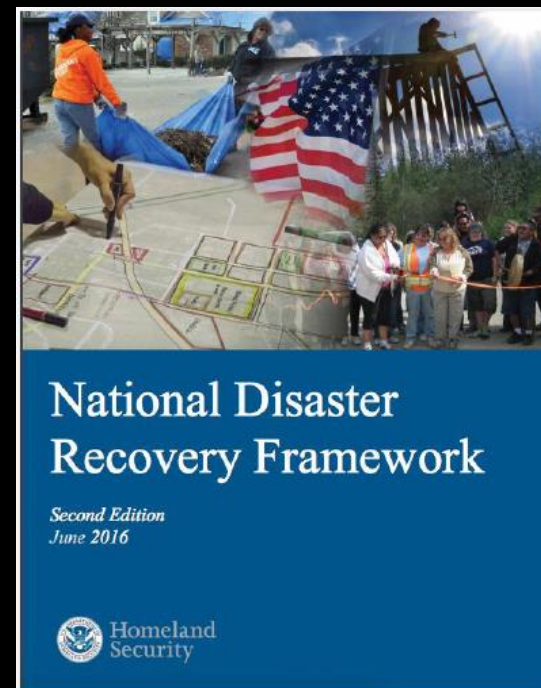
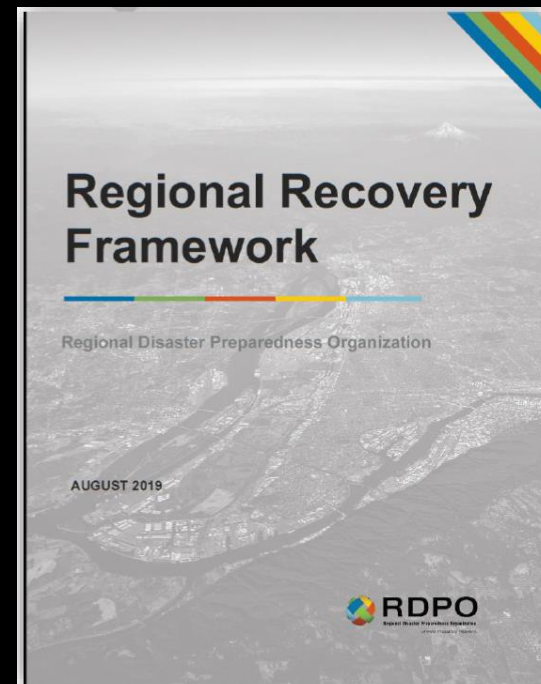
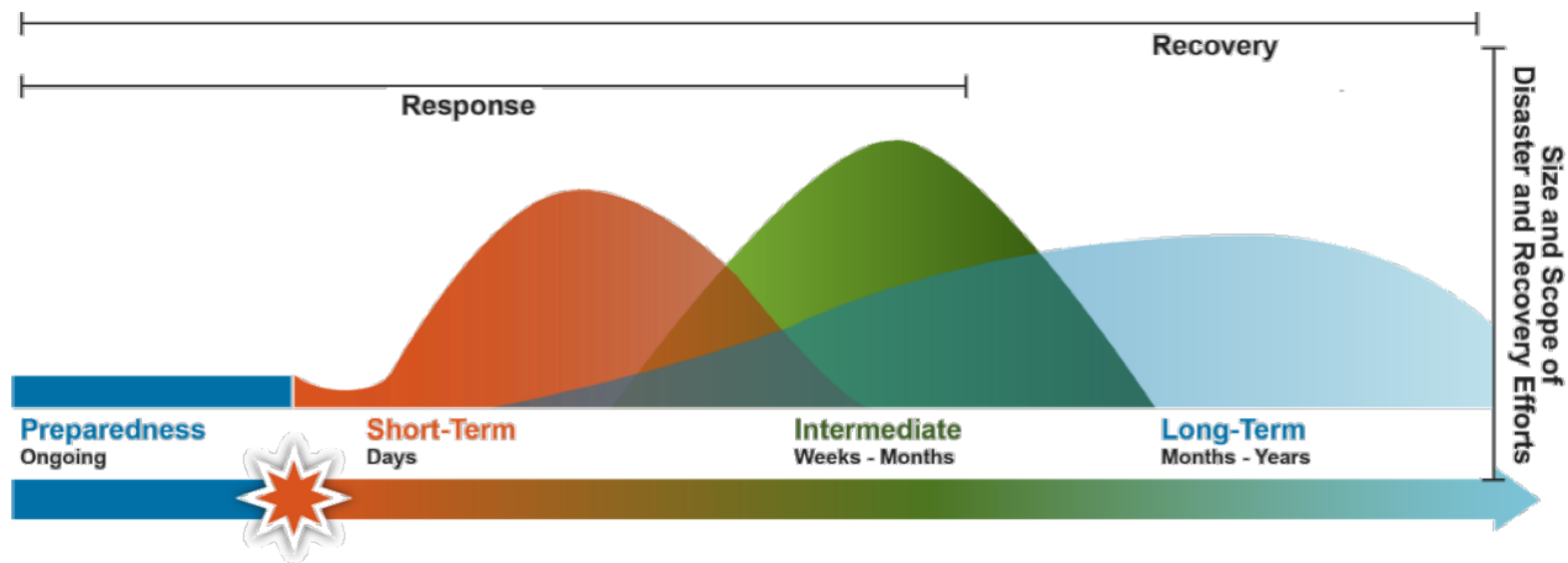


Regional Recovery Planning Framework

Recovery Process

Disaster operations vary based on the nature, scope, and complexity of the disaster. The timing of transitions between response, short-term, intermediate, and long-term recovery will vary based on the specific disaster. General depictions of the recovery phases and the recovery post-disaster planning process follow.

Recovery Phases



Planning for a 'new normal,' San Jose launches economic recovery council



by Janice Bitters

🕒 APRIL 17, 2020

Eventually, the council will include a total of 30 members, who will be announced in the next two weeks.

The members will be pulled from a variety of industries, including tech, auto dealers, financial institutions, manufacturing, airlines, hotels, developers, construction, higher education and health care.



Nicole Taylor, CEO for the Silicon Valley Community Foundation is one of five co-chairs for the new economic recovery council, announced Thursday. Photo by Janice Bitters

Muster the Will to Change - NOW



Onagawa, Japan, Photo: Jay Wilson, 2013

Thank You



Every person who lives or works in Clackamas County shares responsibility for minimizing the impact of disaster on our community.



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Breakout Session Questions

- How do you envision the Economic Development Commission's role in Covid-19 recovery?
- How do the 2020 Performance Clackamas Strategic Priorities apply to the EDC's recovery vision?
- How can the CEDS update become an opportunity to move towards resilience?

