Building Resilience in Oregon

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

Resiliency 2025: Improving Our Readiness for the Cascadia Earthquake and Tsunami

Kate Brown, Governor
Mike Harriman, State Resilience Officer

October 16, 2018
Building Resilience in Oregon

2013 – Oregon Resilience Plan – 50 Year View on the CSZ
2014 – Task Force SB 33
2016 – Confirmed as the State Resilience Officer
2018 – Oregon’s Regional Resiliency Assessment (R-RAP)
2018 – Governor Kate Brown’s Resiliency 2025 Vision
2019 – OSSPAC CEI Hub report
2020 – February 2020?
Building Resilience in Oregon

Oregon is a 2-Week Ready State
  • Individual & Family Preparedness

Critical Infrastructure Preparedness [GOAL: to be a resilience State]
  • 3-Day: to restore emergency services
  • 3-Weeks: to restore pre-disaster service levels
  • 3-Years: to improve infrastructure to a new norm

Reference
Matthew Cutts1; Yumei Wang, F.ASCE2; and Qisong “Kent” Yu, M.ASCE3, New Perspectives on Building Resilience into Infrastructure Systems, 2016
Connection to Oregon Resilience Plan

- Critical Infrastructure
  - Emergency Response Facilities
  - Hospitals/Schools
  - Water/Sewage
  - Communications (9-1-1)
  - State/Tribal/Local Governance

- Built Infrastructure
  - Multi-Use Facilities
  - Commercial Business
  - Homes
  - Wholesale Food Distribution Centers

- Transportation
  - Critical corridors
  - Airports
  - Roads
  - Bridges
  - Ports
  - Rails

- Energy
  - Short-term Response
  - Strategic Placement
  - Power Distribution System
  - Environment

- Business & Workforce
  - Private Sector: Goods and Services
  - Assessment: Public/Commercial
  - Financial Structure
  - Essential Staff
  - Food, Raw Material

- Vulnerable Populations
  - Individuals/Groups: seniors, children, homeless
  - Health Issues: Mobility, Medically dependent
  - Socioeconomic Status: Homeless, non-English
  - Minority Status: racial, ethnic
  - Mass Displacement

- Social Factors
  - Social Capital
  - Educations
  - Language
  - Culture

- Oregon Resilience System

ORP - Chapter 2, 4 & 8
ORP - Chapter 5
ORP - Chapter 6

SB 850

PENDING:
OSSPAC CEI Hub Report
OEM Risk Report

COOP/COG

September 2019
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