

RGMS Prepares: A Community Project



TODAY'S AGENDA

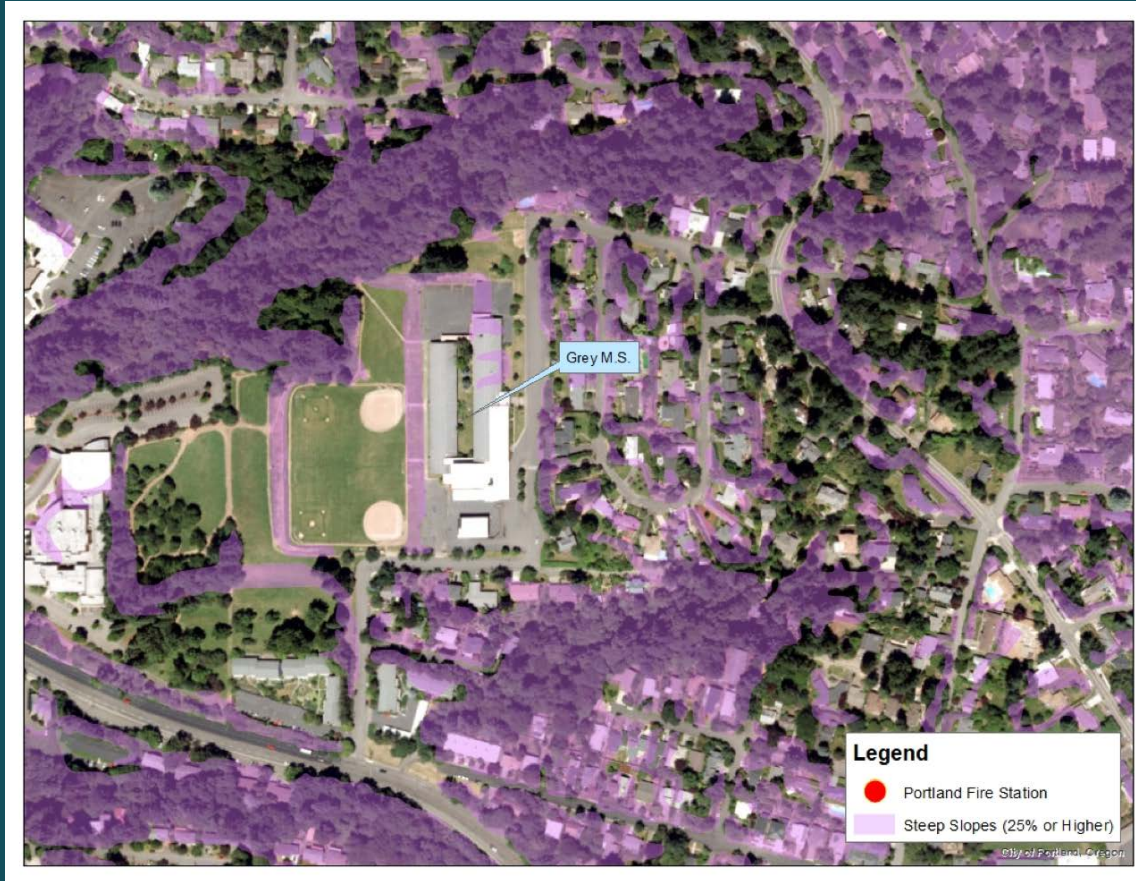
1. Project Overview: Earthquake & Security
2. Hazard Maps
3. Community Challenge
4. What is the Timeline
5. What Support is Needed?

HAZARD MAPS: Wildland Fire



- Wildland Fire Hazard – Robert Gray M.S.
- Shaded areas represent elevated risk for wildland fires

HAZARD MAPS: Steep Slopes



- Steep Slope Hazard – Robert Gray M.S.
- Shaded areas represent slopes greater than or equal to 25%

HAZARD MAPS: Security



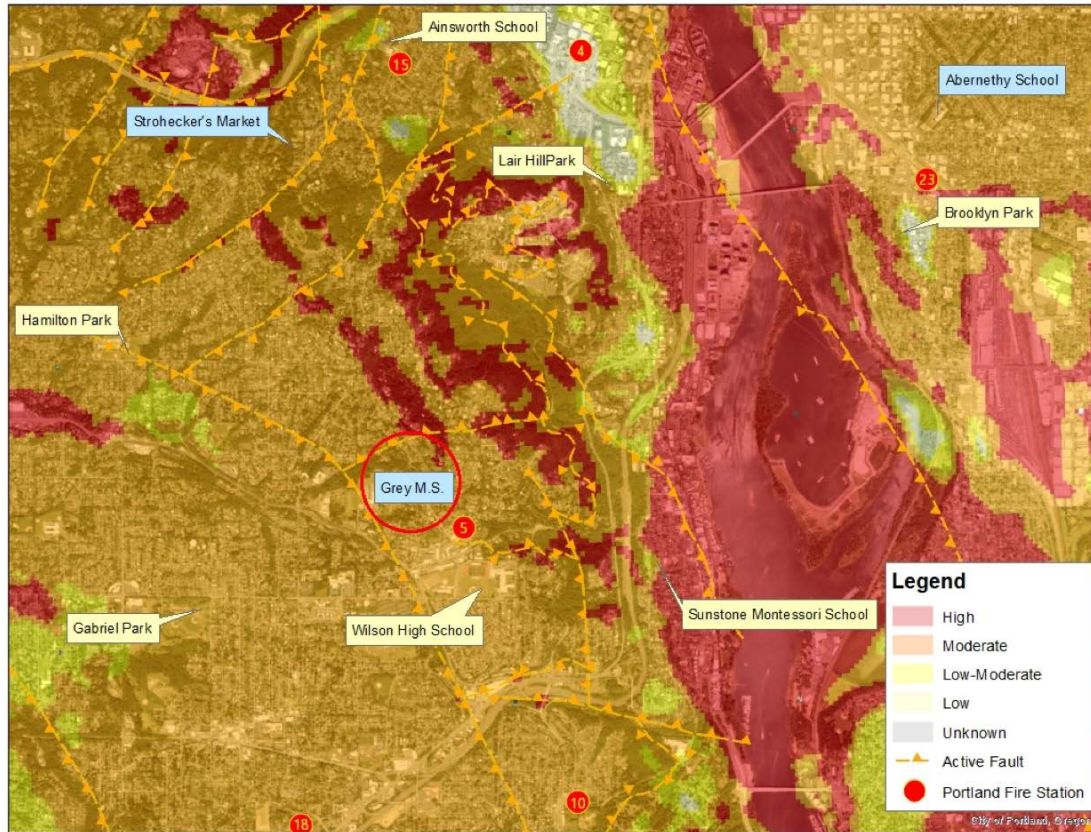
- Unsecured perimeter
- Request PPS help for fence to block access from the wooded Trillium Creek Gorge

HAZARD MAPS: Earthquakes



- Earthquake Hazards – Robert Gray M.S.
- Shaded areas represent elevated risk for earthquakes

HAZARD MAPS: Earthquakes



- Earthquake Hazards – SW Portland
- Shaded areas represent elevated risk for earthquakes

**WHY PREPARE
FOR AN
EARTHQUAKE?**



ANNALS OF SEISMOLOGY | JULY 20, 2015 ISSUE

THE REALLY BIG ONE

An earthquake will destroy a sizable portion of the coastal Northwest. The question is when.

BY KATHRYN SCHULZ



When the 2011 earthquake and tsunami struck Tohoku, Japan, Chris Goldfinger was two hundred miles away, in the city of Kashiwa, at an international meeting on seismology. As the shaking started, everyone in the room began to laugh. Earthquakes are common in Japan—that one was the third of the week—and the participants were, after all, at a seismology conference. Then everyone in the room checked the time.

Seismologists know that how long an earthquake lasts is a decent proxy for its magnitude. The 1989 earthquake in Loma Prieta, California, which killed sixty-three people and caused six billion dollars' worth of damage, lasted about fifteen seconds and had a magnitude of 6.9. A thirty-second earthquake generally

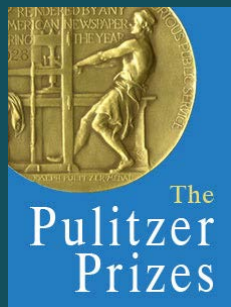


The next full-margin rupture of the Cascadia subduction zone will spell the worst natural disaster in the history of the continent.

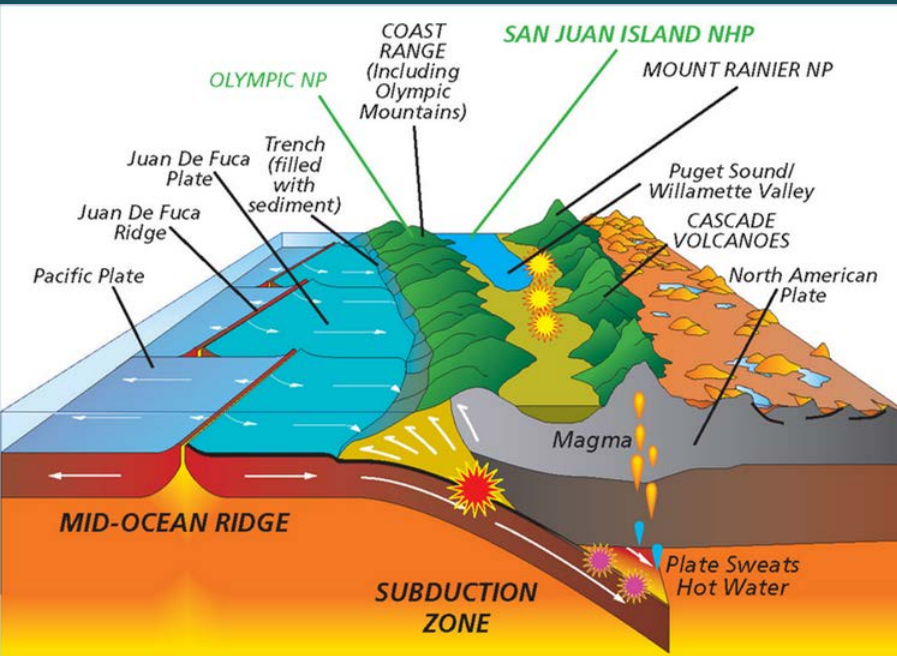
ILLUSTRATION BY CHRISTOPH NIEMANN, MAP BY ZIGGYMAJ / GETTY

MOST POPULAR

1. How "The End of the Tour" Nails an Entire Profession
BY REBECCA MEAD
2. Daily Cartoon: Thursday, August 20th
BY KAAMRAN HAFEEZ
3. The Married Kama Sutra
BY SIMON RICH
4. Planned Parenthood Means Fewer Abortions
BY MICHAEL SPECTER

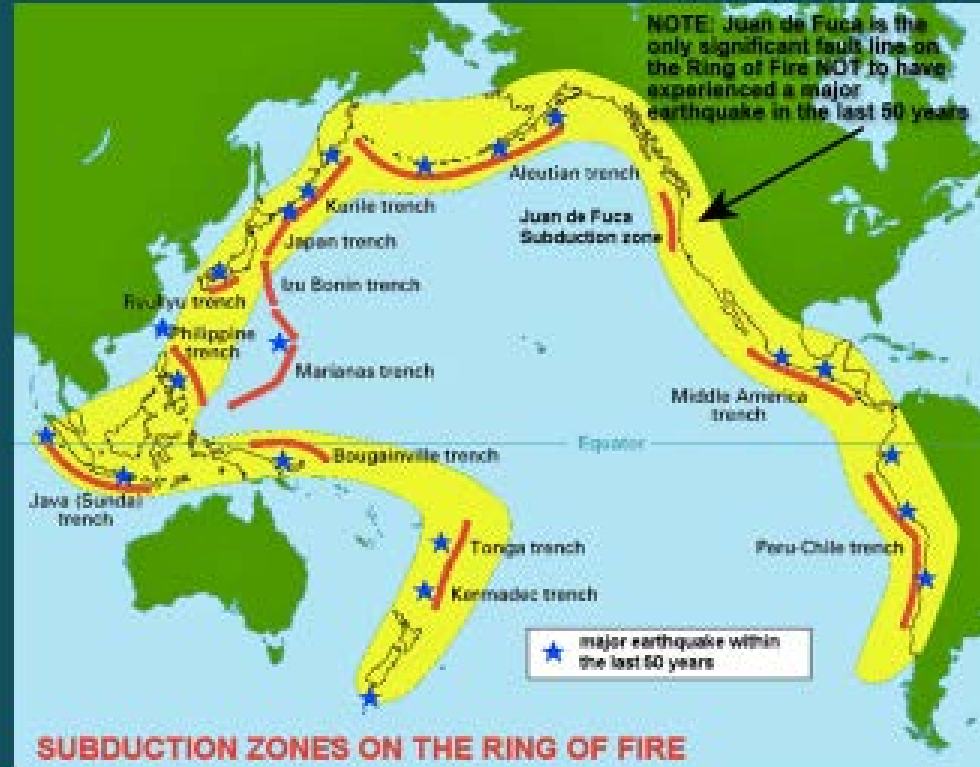


Cascadia Subduction Zone



Cascadia earthquake sources

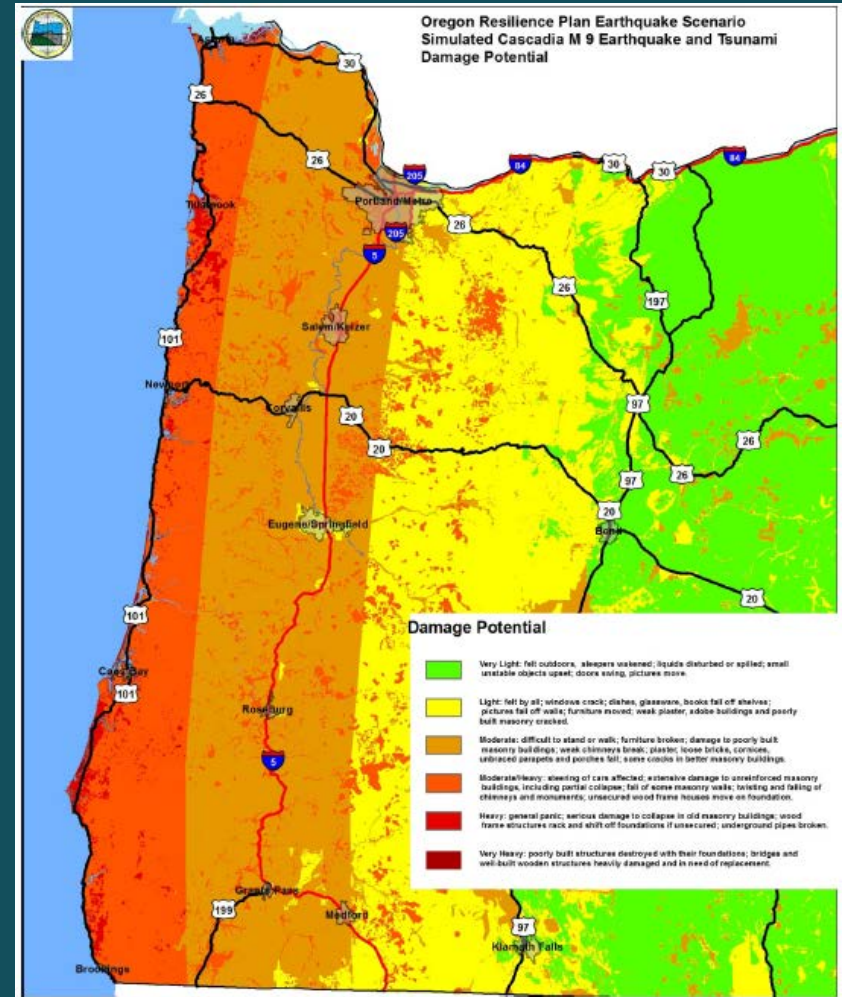
Source	Affected area	Max. size	Recurrence
Subduction Zone	West. WA, OR, CA	M 9	500-600 years (1700)
Deep Juan De Fuca Plate	West. WA, OR	M 7+	30-50 years (1949, 1965, 2001)
Crustal faults	WA, OR, CA	M 7+	hundreds of years? (CE 900, 1872)



SUBDUCTION ZONES ON THE RING OF FIRE

DAMAGE POTENTIAL

- Magnitude 9.0 + just off the coast
- Very strong shaking
- 2-9 minutes
- Tsunami within 15-25 minutes





WHY DON'T PEOPLE PREPARE?

- I can only worry about so many things at a time.
- I don't have time to think about disaster preparedness now.
- I'm overwhelmed and don't know where to begin.
- We're all gonna die, so why bother?
- Someone else (family, neighbors, emergency responders, FEMA) will save me/take care of me.

RGMS Prepares: A Community Project



PORTLAND BUREAU OF EMERGENCY MANAGEMENT

Preparing for and responding to...

Earthquake, severe weather, volcanoes,
landslides, tsunami, fire, terrorism,
hazardous materials spills, weather,
cybersecurity threats, disease, etc.



EDUCATION:
Sharing resources

**RGMS
PREPARES**

At school
&
at home

**INCREASE CACHE &
CREATE OUTSIDE
CONTAINMENT for**
1. WARM < DRY <
INSULATED
2. FOOD < WATER

**COMMUNITY
INVOLVEMENT:**
Disaster-proofing home
& Neighborhood

**RGMS STUDENT CERT
OPPORTUNITIES:**
HAM Radio Class
NET Runners
School Engagement

Education

- Attend a preparedness event - RGMS late Spring Event
- Create an emergency plan with family
- Bring awareness to your other schools and your workplace
- Talk about earthquakes with your family

TONIGHT: Go home and DUCK, COVER & HOLD ON



Community Involvement

- Join RGMS Prepares activities: August orange bucket replenishing, collect cache goods
- Help organize emergency preparedness event
- Join Parents4Preparedness (P4P)



NEIGHBORHOOD EMERGENCY TEAM PROGRAM (NET)



MASS SHELTERING: Needs Cache



Increase Cache

- Start, replenish or add to yours today:
water, food, supplies, numbers
- Home, car, work
- 2018/19 goal for RGMS
to increase cache & install
outside storage



RGMS STUDENTS CERT

- Empower our kids to be prepared
- SUN Classes - HAM radio, First Aid
- Runners for Hillsdale NET
- What do they think will help make RGMS more prepared?

RADIO WILL SAVE THE DAY when the cell towers go down



2018/2019 RGMS Next Steps

1. Continue Monthly Hazard Drills
2. Formalize RGMS Prepares -landing page
3. Engage Parent Community: Spring Event
4. Increase Cache at School

NEXT STEPS - RGMS FAMILIES:

- Don't panic. Prioritize. Start small.
- Talk about this with your family, make plans, practice.
- Start building kits and learn to shut off your utilities
- Get training, attend NET meetings.
- Talk to your neighbors and “prepare out loud.”
- Join in RGMS Prepares so as a community, we are ready

Parents4Preparedness

- Non-structural hazard mitigation
 - Emergency supply storage
 - Reunification plans
 - Political advocacy
 - Public education

[PortlandPrepares.org](https://portlandprepares.org) > Get Ready > Parents & Schools

Turn 'n' Talk

1. What are a couple of simple things you could do at home in the near future to prepare?
2. What are a couple of things RGMS could do easily to prepare?
3. Are you interested in helping organize an education and preparation night at RGMS?

January 17: “Disaster Proof Your Home” at Maplewood Elementary School