Disaster Preparedness

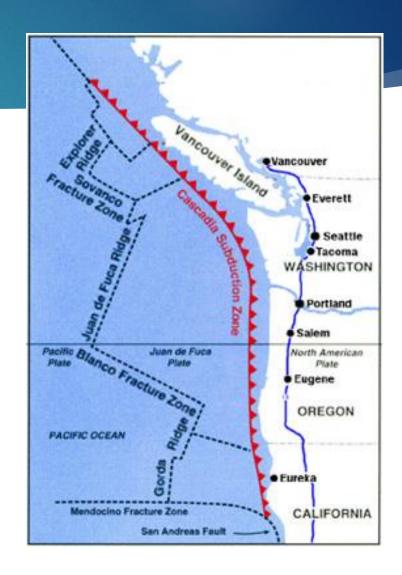
Lincoln County Schools





The Cascadia Subduction Zone

- Northern California to British Columbia
- Magnitude 8 to 9 or more
- Not just a Coastal event.
- Very survivable if we are prepared and take immediate action.



Damage to Homes & Businesses





Road Damage & Landslides





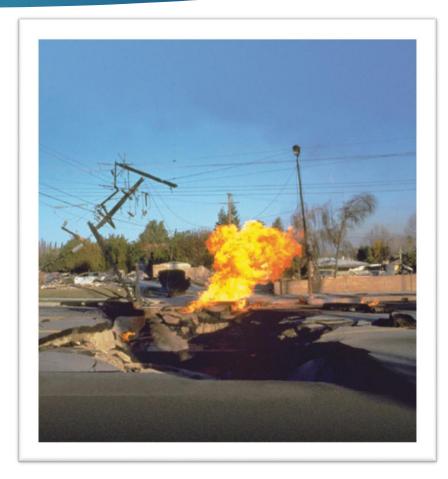
Liquefaction, Lateral Spreading, Buckling

Bridges will Collapse



Water Supply Damage & Gas Line Ruptures





Is this Realistic?



Damage to Schools & Aftershocks





Hypothermia Risk



During an Earthquake



Drop, Cover, & Hold-On

After an Earthquake









Evacuate

- -Account for Everyone
- -Supervise Students

Immediate Needs

- -Medical
- -Search & Rescue
- -Shelter from Weather
- -Restrooms

Reunification

-Reunite Students with Families

-Move Students to Shelter Location

Activate Disaster Cache

- -Shelter & Warmth
- -Water & Food
 - -Sanitation
- -Supervision

Disaster Cache Priorities

- Low Maintenance
- Locate Away from Structures
- Survival Supplies/Basic Needs
- Non-Perishable
- Sustainable A Gift for a Future Generation



Steel Shipping Container





20' x 8' Steel Shipping Containers



Solid Floor, Wind & Water Tight







Shelter & Warmth







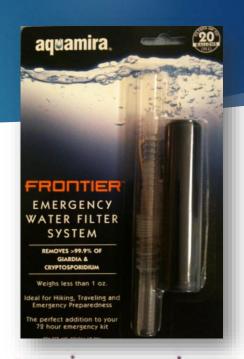
Shelter & Warmth





Water







Medical & Sanitation Supplies

- Medical Gloves
- Masks
- 4 x 4s (gauze)
- Medical Tape & Bandages
- Portable Toilets
- Hand Sanitizer & Tissues





Search & Rescue Supplies

- Protective Gear & Tools
- Teen CERT Supplies





Delivery





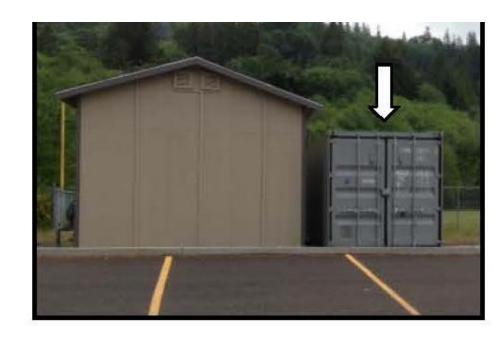
Same Fee to Deliver 1 or 2 Twenty-Footers

Example of Basic \$15,000 Cache

SAMPLE DISASTER CACHE for 600 PEOPLE

PROPOSED BUDGET

ltem	Qty	Cost	Total	Notes
CONTAINER				
Steel Storage Container (20' x 8')	1	\$ 3,600.00	\$ 3,600.00	New, wind & water tight, includes delivery
Locks & keys	2	\$ 100.00	\$ 200.00	
Ground prep		\$ 250.00	\$ 250.00	Gravel, leveling, etc.
SHELTER				
Rain Ponchos	600	\$ 0.70	\$ 420.00	
Mylar Blankets	600	\$ 0.65	\$ 390.00	
Tent Canopies (10x20, steel frame)	20	\$ 230.00	\$ 4,600.00	30 people per canopy
Tent Canopies (10x20, steel frame)	3	\$ 230.00	\$ 690.00	For Medical Treatment Area & EOC
Tarps (10 x 20)	23	\$ 10.00	\$ 230.00	Floors for tent canopies
Stakes & Rope		\$ 200.00	\$ 200.00	For tent canopies
WATER				
55-gallon Water Barrels (1100 gallons)	20	\$ 91.00	\$ 1,820.00	3 days/person
Water Filter Straws	600	\$ 4.00	\$ 2,400.00	1 per person, filters 20 gallons water
MEDICAL				
Medical Supplies		\$ 200.00	\$ 200.00	Gauze, tape, gloves, masks
TOTAL PROJECT COST			\$ 15,000.00	



Thank you!

Lincoln County Schools





Sue Graves, Safety Coordinator
Lincoln County School District
http://lincoln.k12.or.us/dept_programs/safety.php

A PRESENTATION FOR THE OREGON LEGISLATURE FEBRUARY 21, 2017