The Washington State Earthquake & Tsunami Hazard Mitigation Programs: Collaborating with our Partners to Build a more Resilient Washington State

From Education → To Application

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Project Safe Haven: 
Tsunami Vertical Evacuation in Washington State
Hotspots of Evacuation Challenges

Community members

Community plan

Community strategy
Voters OK ambulance service in McCleary, school measures in Ocosta and Satsop.

The Vidette & The Daily World

**MONTE SANO** — People living in the McCleary area will still get an ambulance when they call one, Ocosta School District will get a renovated grade school and Satsop School District voters approved a property tax levy during a special election Tuesday.

In initial vote counting, McCleary area voters in Fire District 12 were approving a property tax increase for ambulance service, with an approval rate of 85.47 percent.

Fire District 12 voters turned down several earlier attempts and without this approval there is a question as to what would happen if someone called 911 in a medical emergency.
Tsunami Hazard Assessment: School Berm Site in Long Beach, WA

2 Sources: Near & Distant

Site and Topo Model

Max Flood Depth

Max Current Speed

Huge Credit to: Gonzalez, LeVeque, Adams
Some Early Lessons Learned...

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• Be prepared, it can be iterative process... and this isn’t a bad thing!
  – Integrating artificial high-ground into the DEM
  – Testing different designs and elevations in the models to validate heights and flow characteristics
• Get project design team engaged early.
• Trying to account for uncertainties and all of the “what if’s” from designers
• Public support is crucial...and has been readily forthcoming in Washington
• FEMA funding might be an option...and the cost-benefit ratios can be out of this world! Still pending a decision in Long Beach...
Risk = Hazard + Outrage
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