

Date: February 13, 2021

Subject: Oregon SB 1567

Dear Policy Maker,

The Oregon Section of the American Society of Civil Engineers (ASCE) thanks you for your interest in helping Oregon be more resilient against our many natural hazards, including the expected Cascadia Subduction Zone earthquake and tsunami. Upgrading infrastructure and using the latest codes are two ways to help harden our infrastructure and help make Oregon ready. We have reviewed Senate Bill 1567 that is proposed as a bill this session.

As you likely know, 95% of Oregon and SW Washington's fuel is imported into and stored at the Critical Energy Hub (CEI Hub) in northwest Portland. It is well known that the infrastructure in this area is outdated and most was constructed prior to when current seismic design codes were enacted. Recent DOGAMI studies have indicated that this area is prone to liquefaction and lateral spread and thus significant damage is likely in this area and to our fuel supply.

Emergency response for any disaster, but especially a CSZ event will require large amounts of fuel to power generators, equipment, and vehicles needed for rescue, response, and emergency functions. A seismic resilience fuel supply is critical. Further, ASCE encourages all agencies to consider infrastructure mitigation to support rapid recovery of communities and economies. A resilience fuel supply is also critical for our state and economy to recover after a large earthquake.

SB 1567 requires owners to complete seismic vulnerability studies much like what is recommended for all lifelines by the Oregon Resilience Plan. Understanding our vulnerabilities is the first critical step to increasing our seismic resilience. We encourage you to vote yes on this important bill.

Please feel free to contact our volunteer resilience advisor, Allison Pynch (allison.pynch@hartcrowser.com) to discuss the contents of this letter or other relevant topics. Thank you so much for your time.

Sincerely,

A handwritten signature in blue ink that reads "Jamestaun B. Kraupp".

Jamestaun Kraupp, PE
ASCE OR Section President
<https://www.asceor.org/>

A handwritten signature in blue ink that reads "Allison Pynch".

Allison Pynch, PE, GE
Past President – Resilience Advisor