



HB 4044: Study risks and issues relating to earthquake-induced toxic inhalation

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Multnomah County Study (Portland State University)

*A summertime release scenario could result in more than 330,000 irritation level exposures, 17,000 potential injuries, and more than **2,500 potential deaths...** a wintertime release scenario could result in more than 100,000 irritation level exposures, 18,000 potential injuries, and more than **1,100 potential deaths.***

*These casualties would occur when decontamination capabilities are hampered by earthquake damage to water infrastructure and **access to hospitals will be challenged.***



Institute for
Sustainable Solutions

PORTLAND STATE UNIVERSITY



Risk of Earthquake-Induced Hazardous Materials Releases
in Multnomah County, Oregon: Two Scenarios Examined

By: Luke Hanst

PSU, Institute for Sustainable Solutions

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Statewide Study

- Understand how toxic inhalation risks impact other parts of Oregon
- Identify facilities that pose greatest risks, based on location and design
- Provide data to support sensible policies





Questions?