

HATFIELD RESIDENT FELLOWSHIP PROJECT BRIEF

Portland Bureau of Emergency Management

Fellowship Dates: August 8, 2023 – March 22, 2024

Emergency Activations

During my tenure at PBEM, I staffed the Emergency Coordination Center during two emergency activations:

- Camp Creek Fire (August – September 2023)
- Winter Weather (January 2024)

The Camp Creek Fire was my first experience staffing the Emergency Coordination Center.



Source: KOIN 6

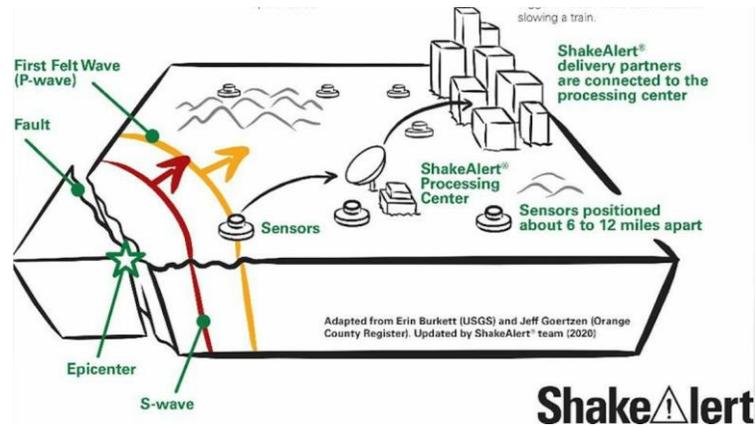
The snow and ice storm the city experienced in January 2024 was another opportunity for me to aide in the City’s response and recovery. The City is still engaged in the recovery effort to clear up debris from the storm. I am conducting a comprehensive review of the City’s emergency protocols and regulatory frameworks concerning debris management, aiming to discern and recommend necessary updates.



Source: Oregonian

ShakeAlert

ShakeAlert is an Earthquake Early Warning (EEW) system from the U.S. Geological Survey. It uses a network of ground-motion sensors and sophisticated algorithms to detect an earthquake seconds after it begins, calculate its location and magnitude, and estimate the resulting intensity of shaking. Alerts can then be sent to people and systems, allowing them to take automated protective actions.



The city was awarded a grant to assess facilities and infrastructure for installation of ShakeAlert. I am the project manager overseeing this project. This has involved researching the EEW technology to understand how it works and potential uses, reaching out to other City bureaus to compile data on facilities to consider, assembling and leading a steering committee, and spearheading the procurement process to find a contractor to perform the assessment.