

CRITICAL AREAS ORDINANCE UPDATE- Best Available Science Review**Geologically Hazardous Areas**

- Map of Washington State fault lines and types was updated in 2014. (**Faults and Earthquakes in Washington State, DNR**)
Recommendation: This data was incorporated into the following update.
- **Kitsap County Geologically Hazardous Areas Map Update** was drafted in 2014 to incorporate the latest information and mapping techniques for geohazards, and to more explicitly identify the types of hazards as specified in WAC 365-190-120 (landslide, erosion, and seismic).
Recommendation: Revise this chapter to be organized by hazard type and provide updated maps.
- In 2015, the Department of Natural Resources also developed a web tool, the **Washington State Seismic Hazards Catalog**. The interactive tool allows the user to assess the possible effects to critical infrastructure, and other vulnerabilities and projected losses for 20 different earthquake scenarios, 11 of which could impact Kitsap County.
(<https://fortress.wa.gov/dnr/seismicscenarios/index.html?config=seattle.xml>)
Recommendation: The resource was reviewed and considered. The tool may be useful for other planning efforts, but does not warrant any changes to the CAO at this time.
- **Washington State Natural Hazards Catalog**, also a new web-based tool in 2015 from the Washington Department of Natural Resources, combines multiple sources to allow the user to map a variety of known hazards, including landslides and seismic features.
(https://fortress.wa.gov/dnr/geology/?Theme=natural_hazards)
Recommendation: The resource was reviewed and considered. The tool may be useful for other planning efforts, but does not warrant any changes to the CAO at this time.

Legislative Changes

- In the 2010 update, WAC 365-190-120 was added to address and amend prior regulations on geologically hazardous areas.
Recommendation: The only change that necessitates a change in the CAO is to add channel migration zones for consideration as a landslide hazard.