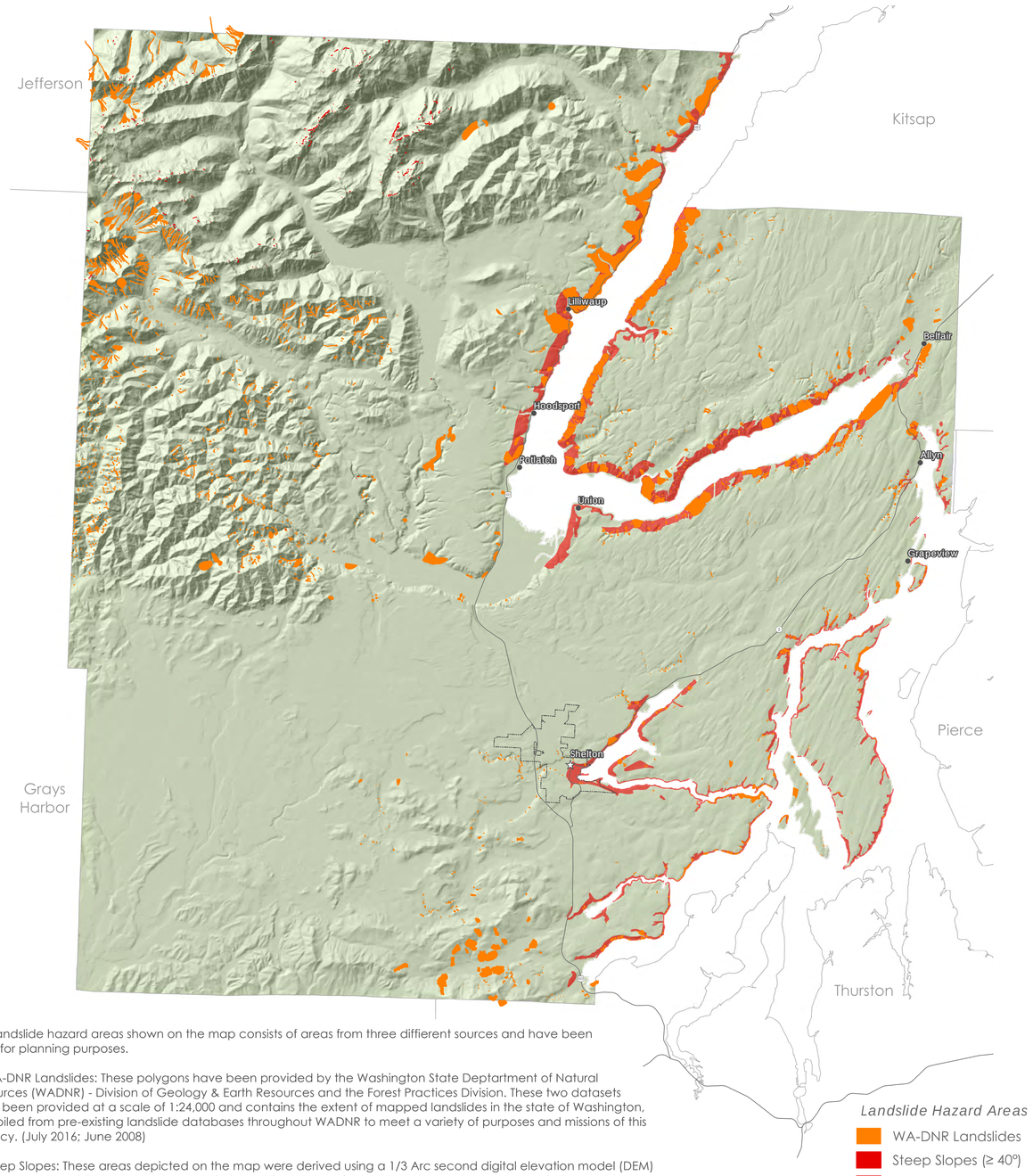
Mason County

Landslide & Erosion Risk

Landslide Hazard Areas



The landslide hazard areas shown on the map consists of areas from three diffierent sources and have been used for planning purposes.

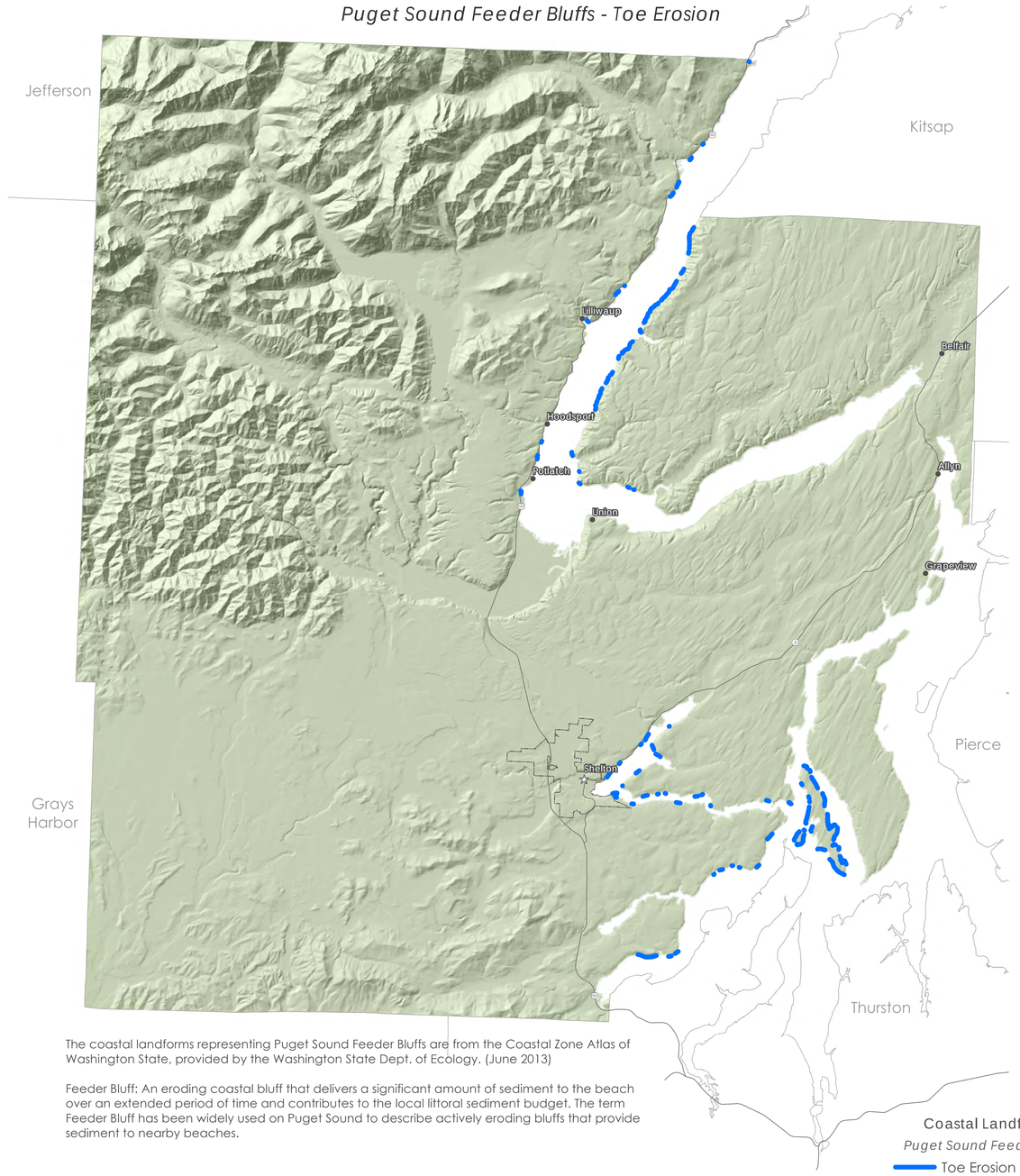
1. WA-DNR Landslides: These polygons have been provided by the Washington State Deptartment of Natural Resources (WADNR) - Division of Geology & Earth Resources and the Forest Practices Division. These two datasets have been provided at a scale of 1:24,000 and contains the extent of mapped landslides in the state of Washington, compiled from pre-existing landslide databases throughout WADNR to meet a variety of purposes and missions of this agency. (July 2016; June 2008)

2. Steep Slopes: These areas depicted on the map were derived using a 1/3 Arc second digital elevation model (DEM) provided by the USGS and downloaded via the National Map Viewer. These areas represent areas in the county at a slope of 40 degrees or larger, which are considered at higher risk for landslides to occur.

3. Slope Stability: These areas are derived from the Washington State Dept. of Ecology's Coastal Zone Atlas and are at a scale of 1:100,000. (2006)

Coastal Landforms

Puget Sound Feeder Bluffs - Toe Erosion



The coastal landforms representing Puget Sound Feeder Bluffs are from the Coastal Zone Atlas of Washington State, provided by the Washington State Dept. of Ecology. (June 2013)

Feeder Bluff: An eroding coastal bluff that delivers a significant amount of sediment to the beach over an extended period of time and contributes to the local littoral sediment budget. The term Feeder Bluff has been widely used on Puget Sound to describe actively eroding bluffs that provide sediment to nearby beaches.

***15.83** Miles of Beach Erosion within Mason County, WA*

BRIDGEVIEW CONSULTING

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Sources: Mason County GIS; WADNR; WADOE