

Mountains to Sea: Exploring Volcanic Landscapes Through Geology, Culture, and History

The *Mountains to Sea* Story Map showcases the field investigations, scientific observations, and interdisciplinary discoveries conducted during TGEOS 319, an immersive geoscience course focused on volcanic landscapes of the Pacific Northwest. Through comparative studies of Mount St. Helens, Mount Rainier, and the volcanic terrains of central Oregon's Lava Lands, students examined how geologic processes shape landforms, ecosystems, human history, and cultural identity.

Combining field-based research, geologic mapping, journal observations, photographs, and multimedia resources, this Story Map documents the dynamic interactions between Earth's internal forces and the communities that live within volcanic environments. Students applied the scientific method to investigate volcanic features, glacial landscapes, eruptive histories, and geologic hazards.