

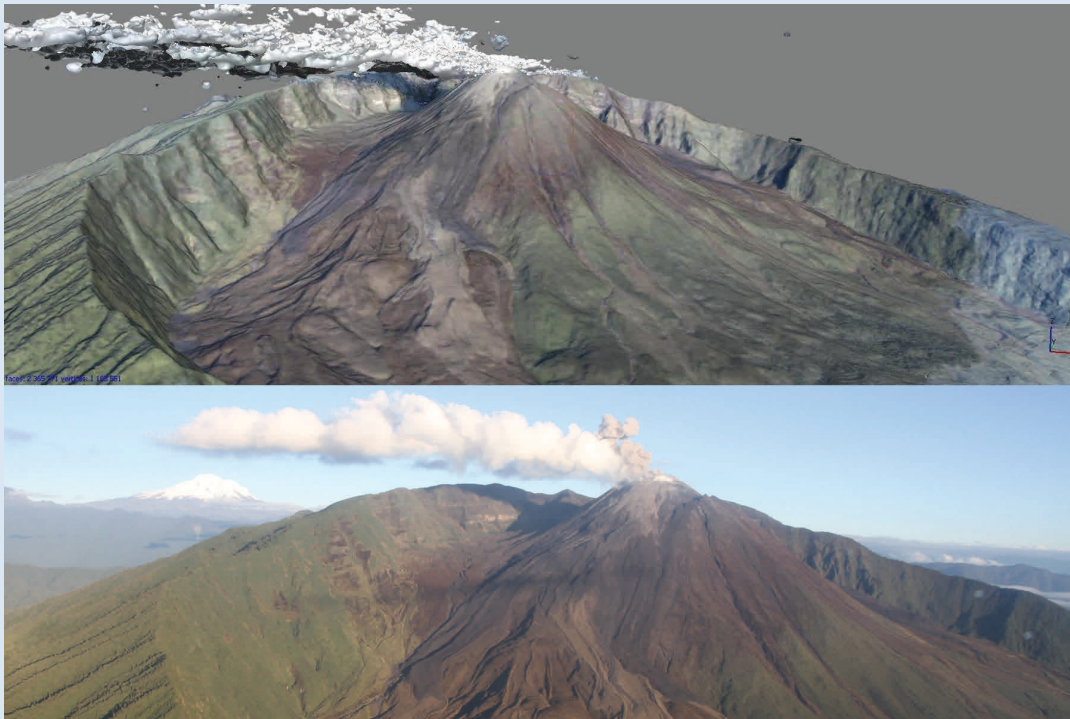
# Colloquium

## Angie Diefenbach

USGS Volcanic Disaster Assistance Program

### Oblique Photogrammetry as a Tool to Monitor Active Volcanoes

Quick and accurate measurements of volumes and eruption rates of growing lava domes and flows are critical to monitor and evaluate hazards at active volcanoes. The USGS has successfully used photogrammetry to rapidly measure topographic change during both routine volcano monitoring and crisis response in varying conditions and types of eruptions. This talk will include examples of the application of photogrammetry to the eruptions of Mount St. Helens, Redoubt, Chaitén, and Reventador volcanoes as well as discuss recent advances in the science of photogrammetry



**3:00 – 4:00 PM – Friday, 31 January, 2014 – Cramer Hall, Room 413**

Free refreshments! All are welcome.

The Geospatial Information Society is a student chapter of the ASPRS. We host monthly colloquia, social events, and other activities to promote professional development and education related to geospatial technology. We receive support from Portland State University, and the ASPRS Columbia River Region. For more information, or to join, visit: <http://community.pdx.edu/asprs/>

