



At the University of Oregon

COME LEARN ABOUT THE GEOLOGY OF
CENTRAL OREGON WITH OLLI-UO

Volcanic Deposits in the Bend and Tumalo Area

Field Trip: Saturday, June 8, 9:30 a.m.-4:30 p.m.

The city of Bend rests upon a foundation crafted by the fiery eruptions of Cascade volcanoes. Lava flows, ash deposits, welded tuffs, and other volcanic products make up the bedrock of central Oregon. Despite their omnipresence in our daily lives, we seldom pause to ponder the origins and formation processes of these volcanic rocks. What does it mean to live in an area built entirely on volcanic material? What can these deposits tell us about the history of the Cascades and the possibility of future eruptions?

Field trip stops include the raw beauty of Pilot Butte, vistas near Tumalo State Park, and locations along the Deschutes River. Alongside Dr. McKay, delve into the fascinating tale of geologically recent volcanic upheavals and their profound impact on the natural and cultural history of central Oregon.

Dr. Daniele McKay is a senior instructor in the Department of Earth Sciences at the University of Oregon. She lives in Bend, Oregon, and teaches online geology courses, as well as field courses in Central Oregon. Her research background is in physical volcanology with a focus on recent mafic eruptions in the central Oregon Cascades.

Cost is \$25 for the general public; FREE to OLLI-UO members. **Registration opens May 1, 2024.**

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800-824-2714

