

OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist

Celebrate Earth Science Week in Oregon, October 11-18

NEWS RELEASE: October 15, 2009

Field guides of Portland and Oregon's "Supervolcano" featured in new issue of *Oregon Geology* Magazine

Explore central Oregon, and Portland by bus, train, and tram

Portland, Oregon: The recently discovered "Supervolcano" near Prineville and Portland's amazing geologic history are featured in the new 96-page issue of *Oregon Geology* Magazine, published by the Oregon Department of Geology and Mineral Industries.

You can download a free copy of *Oregon Geology* and the 4 field trip guides at: <http://www.OregonGeology.org>

Field trip guide to the Oligocene Crooked River caldera: Central Oregon's Supervolcano, Crook, Deschutes, and Jefferson Counties, Oregon, by Jason D. McClaughry, Mark L. Ferns, Caroline L. Gordon, and Karyn A. Patridge, visits three of central Oregon's state parks—Prineville Reservoir, Smith Rock, and Peter Skene Ogden Wayside—where key features of one of the largest explosive volcanic eruptions in the earth's history are prominently exposed.

Field trip guide to the middle Eocene Wildcat Mountain Caldera, Ochoco National Forest, Crook County, Oregon, by Jason D. McClaughry, Caroline L. Gordon, and Mark L. Ferns, will take you into the heart of the beautiful Ochoco Mountains to see the remnants of an ancient volcano, the 350 foot tall Steins Pillar, and sites where you can hunt for thundereggs.

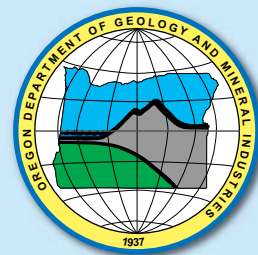
A third field trip guide into central Oregon — **Field trip guide to the Neogene stratigraphy of the Lower Crooked Basin and the ancestral Crooked River, Crook County, Oregon,** by Jason D. McClaughry, Mark L. Ferns, and Caroline L.

800 NE Oregon Street
Suite 965, Portland, OR 97232
www.oregongeology.org
(971) 673-1555

Media Contact: James Roddey
Earth Sciences Information Officer
james.roddey@state.or.us
(971) 673-1543 (direct line)
(503) 807-8343 (cell)



The remains of one of the largest explosive volcanic eruptions in the earth's history, from the newly discovered Crooked River Caldera, can be seen at Smith Rock State Park, near Prineville.



OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Gordon — travels along the wild and scenic Crooked River near Prineville, between Ochoco Wayside State Park and Bowman Dam, to explore the development of the ancestral Crooked River.

Portland, Oregon geology by tram, train, and foot, by Ian P. Madin, provides a fun introduction to the amazing geology of the Portland area. Five field trip stops, all accessible by public transportation, take you to see evidence of monumental lava flows, ancient volcanos and the largest floods in the earth's history.

You can download a free copy of *Oregon Geology* and the 4 field trip guides at:
<http://www.OregonGeology.org>

Earth Science Week in Oregon October 11-18

"Earth Science Week promotes understanding and appreciation of the value of earth science research and its applications and their relevance to our daily lives", notes Dr. Vicki S. McConnell, State Geologist. "Whether it's using cutting edge technology to understand how landslides can impact local communities or exploring the use of geothermal energy in Oregon, earth science is all around us."

At the end of Earth Science Week in Oregon, more than 6,000 geoscientists, students, and teachers from around the world will gather at the Oregon Convention Center in Portland to participate in "Volcanoes to Vineyards: Living with Dynamic Landscapes," the 121st Annual Meeting & Exposition of the Geological Society of America. The Meeting & Exposition runs October 18 - 21.

Earth Science Week in Oregon is sponsored by the Oregon Department of Geology and Mineral Industries (DOGAMI) and the American Geological Institute (AGI).

And don't forget, you can order your copy of the new *Oregon: A Geologic History* (Interpretive Map 28). Produced by the Oregon Department of Geology and Mineral Industries, *Oregon: A Geologic History* was created for anyone who is curious about our State's remarkable geology.

On this huge 4 foot by 5 foot full color map, a timeline outlines important events in Oregon's (and the earth's) geologic history. Each rock layer has its own story and you can find out where to go to see the rocks for yourself. World class geologic events are highlighted and there are plenty of factoids to keep you intrigued to learn more.

You can order online *Oregon: A Geologic History* (Interpretive Map 28) from Nature of the Northwest at <http://www.naturenw.org> or call (971) 673-2331. The cost of the map is \$15. There is a \$5.50 shipping and handling charge for each mailed destination.



The new *Oregon Geology* magazine features a field guide of Portland area geology by tram, train, and foot that will take you to the Washington Park/Zoo MAX station in Portland, where you can see the most complete visual record of Portland area geology in the deepest train station in North America.

Media Contact: James Roddey
Earth Sciences Information Officer
james.roddey@state.or.us
(971) 673-1543 (direct line)
(503) 807-8343 (cell)

