

# OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist

NEWS RELEASE: November 6, 2009

## Huge, new digital images of Oregon show stunning detail of the landscape

**Portland, Oregon:** Using a new laser based terrain mapping program called lidar (light detection and ranging), the Oregon Department of Geology and Mineral Industries (DOGAMI) has released new, unique, full color images of Mount Hood, the Columbia Gorge and the Portland Basin.

“One of the things that makes these new images so amazing is the amount of detail you see on an image this size (5 feet by 6 feet and larger),” said James Roddey, Earth Sciences Information Officer with DOGAMI. “Another thing that makes these images so stunning is our ability to manipulate the data that goes into creating the image. You can strip away all the vegetation and buildings so you’re left with a ‘bare earth’ view of the ground that is the most accurate representation of the landscape that has ever been seen.”

The three new poster sized images, all created by Ian Madin, Chief Scientist with DOGAMI, are:

**Open-File Report O-09-07, Lidar Mosaic Imagery of Mount Hood and Surrounding Area, Oregon (60 x 72 inches);**

**Open-File Report O-09-08, Lidar Mosaic Imagery of the Columbia River Gorge, Multnomah Falls to Cascade Locks, Oregon (60 x 84 inches);**

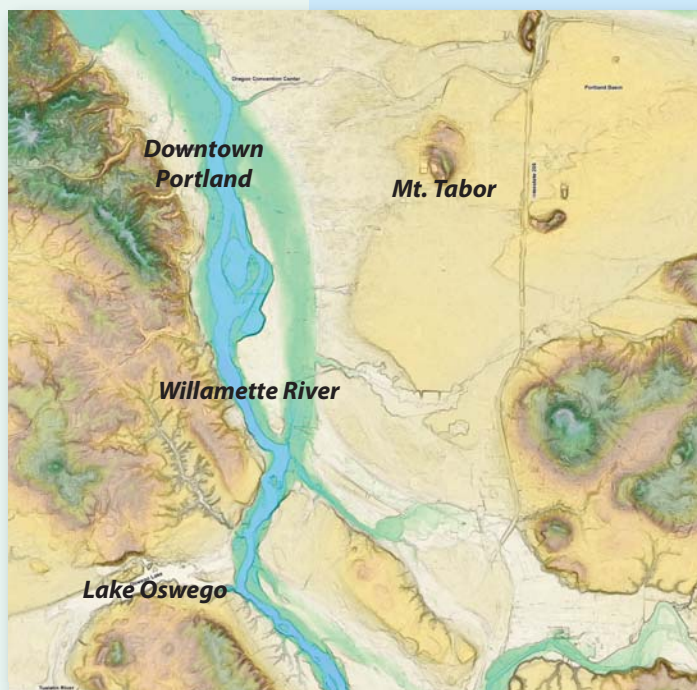
**Open-File Report O-09-09, Lidar Mosaic Imagery of the Portland Basin, Oregon and Washington (60 x 96 inches).**

The images can be seen online at: <http://www.OregonGeology.org>

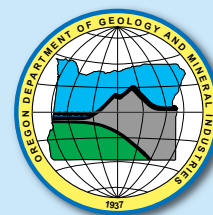
You can order a copy of each image on either CD-ROM and/ or a printed poster from the Nature of the Northwest Information Center, either online at

800 NE Oregon Street  
Suite 965, Portland, OR 97232  
[www.OregonGeology.org](http://www.OregonGeology.org)  
(971) 673-1555

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(971) 673-1543 (direct line)  
(503) 807-8343 (cell)



*Detail from the Portland Basin lidar image shows ancient volcanos, floodplains, never before seen landslides and remnants on the landscape of the Missoula floods that roared through the area about 15,000 years ago.*



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<http://www.naturenw.org> or by calling (971) 673-2331. The price for each CD-ROM is \$15.

The poster images are priced as follows:

**\$40 - Open-File Report O-09-07, Lidar Mosaic Imagery of Mount Hood and Surrounding Area, Oregon (60 x 72 inches);**

**\$50 - Open-File Report O-09-08, Lidar Mosaic Imagery of the Columbia River Gorge, Multnomah Falls to Cascade Locks, Oregon (60 x 84 inches);**

**\$60 - Open-File Report O-09-09, Lidar Mosaic Imagery of the Portland Basin, Oregon and Washington (60 x 96 inches).**

You can also visit the Nature of the Northwest Information Center on the 9th floor of the Oregon State Office Building, 800 NE Oregon Street, Portland, 97232. Information Center hours are 9:00 AM to 12:30 PM and 1:00 PM to 4:00 PM, Monday through Friday.

There is a \$4.00 shipping and handling charge for CD-ROMs and a \$5.50 shipping and handling charge for rolled posters to each mailed destination.

## ***Oregon: A Geologic History***

Another new poster available at the Nature of the Northwest Information Center is ***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 preview this new map online at:

<http://www.oregongeology.org/sub/publications/IMS/ims-028/index.htm>

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

*The mission of the Oregon Department of Geology and Mineral Industries is to provide earth science information and regulation to make Oregon safe and prosperous.*

Learn more about Oregon's geology by going online at:

<http://www.OregonGeology.org>

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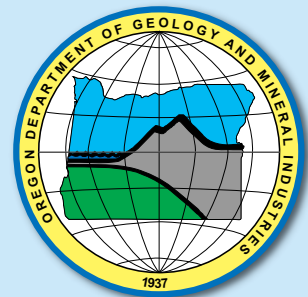
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Learn more about Oregon's geology at:

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