# OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist



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## New lidar data available for northeastern Oregon

Portland, Oregon: The Oregon Department of Geology and Mineral Industries (DOGAMI) is releasing lidar data that cover portions of Union, Umatilla, Baker, and Wallowa counties in the agency's Lidar Data Quadrangle (LDQ) series. Lidar, a laser-mapping technology, allows for amazingly detailed and accurate mapping of the earth's surface.



## (left) NORTHEST OREGON 2013 LIDAR PROJECT EXTENT



(above) DOGAMI Lidar Data Quadrangle (LDQ) Series coverage as of 02/2013. Green – Northeast Oregon project extent; gray – other released DOGAMI LDQ publications. DOGAMI's mission is to provide earth science information and regulation to make Oregon safe and prosperous.

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## Mineral Land Regulation and

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## **Coastal Field Office**

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### **Eastern Oregon Field Office**

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## Nature of the Northwest

Information Center 800 NE Oregon St., Ste. 965 Portland, Oregon 97232 (971) 673-2331 Email: info@naturenw.org Web: www.NatureNW.org Donald J. Haines, Manager



(right) Bare-earth lidar imagery of I-84 and Grande Ronde River northwest of La Grande, Oregon. Union County Fairgrounds are right of center. This is a screen capture from the <u>DOGAMI Lidar</u> <u>Data Viewer</u>.

## **OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES**

Imagery of these data can be viewed online along with other lidar coverage for the state by using the <u>DOGAMI Lidar Data Viewer</u>.

More detailed coverage information for the Northeast Oregon project area is provided in this index map PDF:

http://www.oregongeology.org/pubs/ldq/Lidar\_Series\_Index\_Map\_NE\_Oregon.pdf

Under the auspices of the <u>Oregon Lidar Consortium</u>, these lidar data and data products were collected in whole or part through funding provided by the following — the U.S. Bureau of Reclamation (Boise, Idaho), the Oregon Department of Transportation, the Natural Resources Conservation Service, and the U.S. Geological Survey. TO learn more about how lidar data can be used, read the DOGAMI fact sheet <u>Lidar Data Acquisition</u>, <u>Uses, & Partners</u>.

Lidar Data Quadrangle (LDQ) series publications are available on DVD and require specialty GIS software to view and use. LDQ series publications can be purchased directly via the DOGAMI Lidar Data Viewer web tool, or from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street, Suite 965, Portland, OR, 97232. You may also call NNW at (971) 673-2331 or order online at <u>http://www.naturenw.org</u>. There is a \$4.95 shipping and handling charge for all mailed items. For additional information, please contact the Nature of the Northwest Information Center.

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The Oregon Department of Geology and Mineral Industries is an independent agency of the State and has a broad responsibility in developing an understanding of the state's geologic resources and natural hazards. The Department then makes this information available to communities and individuals to help inform and reduce the risks from natural hazards, such as earthquakes, tsunamis, landslides, floods and volcanic eruptions. The Department assists in the formulation of state policy where an understanding of geologic materials, geologic resources, processes, and hazards is key to decision-making. The Department is also the lead state regulatory agency for mining, oil, gas and geothermal exploration, production and reclamation.

Learn more about Oregon's geology online: <u>http://www.OregonGeology.org</u>

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