OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist



NEWS RELEASE: June 5, 2013

Additional lidar data available for Rogue Basin area

Portland, Oregon: The Oregon Department of Geology and Mineral Industries (DOGAMI) is releasing more lidar data in the agency's Lidar Data Quadrangle series. The new publications cover portions of Josephine, Douglas, Jackson, Curry, and Coos counties. Lidar, a laser-mapping technology, allows for amazingly detailed and accurate mapping of the earth's surface.



DOGAMI Lidar Data Quadrangle (LDQ) Series coverage for Rogue Basin area

Gray – newly released data for Rogue Basin; rectangles are 7.5' U.S. Geological Survey quadrangles.

Dark gray – South Coast and Rogue Valley LDQ data incorporated into Rogue Basin release.

Tan – previously released LDQ data for South Coast and Rogue Valley areas.

Pale yellow – urban growth boundaries.



DOGAMI Lidar Data Quadrangle (LDQ) Series statewide coverage as of 6/5/13.

Green – newly released data for Rogue Basin area. **Tan** – previously released LDQ data. DOGAMI's mission is to provide earth science information and regulation to make Oregon safe and prosperous.

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<u>Lidar Data Viewer</u> bare-earth imagery of Illinois River Forks State Park just south of Cave Junction, Oregon. The park's ridge and river trails, the forks of the Illinois River, and the trace of Highway 199 (east of river) can be seen along with amazingly detailed surface topography.

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Imagery of these data can be viewed online along with other lidar coverage for the state by using the DOGAMI lidar data viewer:

http://www.oregongeology.org/sub/lidardataviewer/index.htm

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More detailed coverage information is provided in these index map PDFs:

Rogue Basin: http://www.oregongeology.org/pubs/ldq/Lidar Series Index Map Rogue Basin 2013.pdf Rogue Valley: http://www.oregongeology.org/pubs/ldq/Lidar Series Index Map Rogue Valley 2013.pdf South Coast: http://www.oregongeology.org/pubs/ldq/Lidar_Series_Index_Map_SouthCoast_2013.pdf

Under the auspices of the Oregon Lidar Consortium, these lidar data and data products were collected in whole or part through funding provided by the following — **Rogue Basin:** Federal Emergency Management Agency, U.S. Geological Survey, and the Bureau of Land Management; **Rogue Valley:** Rogue Valley Council of Governments (RVCOG); **South Coast:** U.S. Forest Service, U.S. Fish and Wildlife Service, the Oregon Departments of Transportation, Forestry, and Parks and Recreation, and the City of Medford. Additional lidar data were provided courtesy of the U.S. Bureau of Reclamation, the Klamath Tribes, and the Klamath Basin Rangeland Trust.

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 web tool, <u>http://www.oregongeology.org/sub/lidardataviewer/index.htm</u>, or from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street, Suite 177, Portland, Oregon, 97232. You may also call NNW at (503) 872-2750 or order online at http://www.naturenw.org. 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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