

OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist



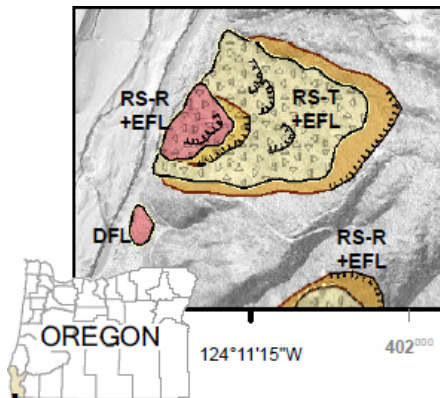
NEWS RELEASE: April 2, 2013

Landslides mapped in Harbor Hills area, Curry County

Inventory will help agencies mitigate risk

Portland, Oregon: The Oregon Department of Geology and Mineral Industries (DOGAMI) has completed lidar-based landslide inventory mapping for the Harbor Hills area east and southeast of Brookings in Curry County.

The study, released as **DOGAMI Open-File Report O-13-02, Landslide Inventory Map of the Harbor Hills Area, Curry County, Oregon**, was partially funded by the Oregon Department of Land Conservation and Development (DLCD). The purpose of the study is to provide DLCD and local agencies with an accurate and complete assessment of where landslide hazards exist in order to help with risk reduction in the area. A total of 576 landslides were mapped during the year-long project.



“With base maps derived from lidar technology and a landslide mapping protocol developed here at DOGAMI, we were able to quickly and precisely map landslides, even in heavily forested areas,” said Bill Burns, DOGAMI engineering geologist.

Burns cautioned that these data and maps are designed for regional applications and that the data and maps should not be used as an alternative to site-specific studies in critical areas.

Example of detailed landslide inventory mapping in the Harbor Hills study and (inset) location of the study area.

Open-File Report O-13-02 consists of an Esri ArcGIS v. 10.1 landslide inventory geodatabase and a 1:14,000-scale thematic map plate. DOGAMI Special Paper 42, which describes the landslide inventory protocol used for the project, is included with the publication.

To preview this publication, visit:

<http://www.oregongeology.org/pubs/ofr/p-O-13-02.htm>

DOGAMI Open-File Report O-13-02 can be purchased on CD-ROM for \$15 each from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street, Suite 965, Portland, Oregon, 97232. Color plots of the map plates are available for \$40 each. You may also call NNW at (971) 673-2331 or order online at <http://www.NatureNW.org>. There is a \$4.95 shipping and handling charge for all mailed items.

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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 a geologic understanding of natural hazards. We then make this information available to communities and individuals to help reduce the risks from earthquakes, tsunamis, landslides, floods and volcanic eruptions. We assist 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: <http://www.OregonGeology.org>

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DOGAMI's mission is to provide earth science information and regulation to make Oregon safe and prosperous.

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