

OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

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New report looks at ways to improve Rapid Visual Screenings for buildings that are potentially seismically hazardous

Portland, Oregon: The Oregon Department of Geology & Mineral Industries (DOGAMI) has released **Special Paper 39: Enhanced Rapid Visual Screening (E-RVS) Method for Prioritization of Seismic Retrofits in Oregon** by Yumei Wang, Oregon Department of Geology and Mineral Industries and Kenneth A. Goettel, Goettel and Associates Inc.

The Federal Emergency Management Agency's (FEMA) rapid visual screening (RVS) procedure was developed to identify, inventory, and rank buildings that are potentially seismically hazardous. The RVS procedure was published in 1988 and has been widely used throughout the United States to evaluate thousands of buildings. The RVS procedure was updated in 2002 to incorporate technical advancements in earthquake engineering and seismic hazard analysis.

The DOGAMI E-RVS methodology discussed in this report enhances the RVS methodology including improving the accuracy of seismic hazard data and clarifying the results for non-technical users.

The Oregon University System (OUS) funded the development of the E-RVS methodology. It was applied in a pilot study for Western Oregon University in Monmouth, Oregon that is reported in the publication.

Special Paper 39: Enhanced Rapid Visual Screening (E-RVS) Method for Prioritization of Seismic Retrofits in Oregon is available on CD-ROM for \$10. It can be purchased 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 shipping and handling charge for all mailed items.

Additionally, this item as well as all department maps can be purchased at DOGAMI Field Offices including 5375 Monument Drive, Grants Pass, (541) 476-2496 and 1510 Campbell Street, Baker City, (541) 523-3133.

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

<http://www.OregonGeology.com>

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