

2007 Landslide Symposium:

New tools and techniques for developing regional hazard maps and future risk management practices

Presented by DOGAMI/USGS/ASCE/AEG



**Oregon Dept. of Geology
and Mineral Industries**
Vicki S. McConnell,
State Geologist

800 NE Oregon Street
Suite 965, Portland, OR 97232
www.oregongeology.com
(971) 673-1555

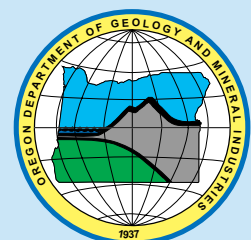
Media Contact: James Roddey
Earth Sciences Information Officer
james.roddey@state.or.us
(971) 673-1543 (direct line)
(503) 807-8343 (cell)

Mineral Land Regulation
and Reclamation Program
229 Broadalbin Street, SW
Albany, OR 97321
(541) 967-2039,
Gary W. Lynch, Assistant Director

Baker City Field Office
1510 Campbell Street
Baker City, OR 97814
(541) 523-3133,
Mark L. Ferns, Regional Geologist

Coastal Field Office
313 SW 2nd Street, Suite D
Newport, OR 97365
(541) 574-6642,
Jonathan C. Allan, Coastal
Team Leader

Grants Pass Field Office
5375 Monument Drive
Grants Pass, OR 97526
(541) 476-2496,
Thomas J. Wiley, Regional Geologist



April 26, 2007

Welcome!

2007 Landslide Symposium and Field Trips:
Thursday April 26, 2007, 8:00 AM to 5:00 PM,

Post Symposium Gathering and Poster Session, 5:30 Pm to 7:30 PM,
Doubletree Hotel (across from the Portland State Office Building)

Friday, Saturday Field Trips

Where: Portland State Office Building, 1st Floor, Room 1B
800 NE Oregon Street, Lloyd District, Portland
Cost: Free, lunch provided

Description:

- Introduce current research projects by DOGAMI and USGS, including those involving LIDAR, and future map products
- Present some risk reduction information and possible future risk management practices

Goals:

- Provide a forum for the exchange of landslide information between government agencies, academia, and private industry
- Review current DOGAMI/USGS partnership and project directions
- Promote risk management
- Form preliminary statewide landslide advisory group (for reducing damage from landslides)
- Improve state-of-practice regional landslide analyzes and assessments
- Obtain ideas for 2009 Geological Society of America conference in Portland

Symposium and Field Trip Sponsors:

- Oregon Department of Geology and Mineral Industries (DOGAMI)
- U.S. Geological Survey (USGS)
- American Society of Civil Engineers (ASCE) Council on Disaster Risk Management (CDRM)
- ASCE Oregon Section's Geotechnical Group (GG)
- Association of Engineering Geologists (AEG) Oregon Chapter.

Agenda continued on next page

Landslide Symposium Agenda

Thursday April 26, 2007, 8:00 AM to 5:00 PM

8:00AM - 8:10AM Welcome: Yumei Wang (DOGAMI Geohazards Section Leader), Peter Lyttle (USGS Landslide Hazard Program Coordinator)

Morning focus: DOGAMI/USGS partnership and research; state of practice/art methods
Moderator: Tova Peltz (GRI)

8:10AM - 8:30AM Yumei Wang (DOGAMI) "DOGAMI/USGS partnership on landslide risk reduction: DOGAMI's Landslide Efforts" (Part 1 of 2: info on DOGAMI and USGS landslide programs, goals and research)

8:30AM - 8:50AM Jeff Coe (USGS) "Overview of USGS Landslide Research in Oregon, 2006-2007" (Part 2 of 2: info on DOGAMI and USGS landslide programs, goals and research)

8:50AM - 9:20AM Steve Dickenson (OSU) "State of practice and state of the art predictive tools and future direction"

9:20AM - 9:40AM George Priest, Bill Ellis, Bill Schulz and Rex Baum (DOGAMI and USGS) "Research Investigations at the Johnson Creek Landslide, a Cooperative Effort of Private, State, and Federal Partners" (1 of 2)

9:40AM - 10:00AM Bill Ellis, Bill Schulz, Rex Baum and George Priest (DOGAMI and USGS) "Hydrogeologic Investigations of the Johnson Creek Landslide - Recent Data, Results and Future Plans" (2 of 2)

10:00AM - 10:20AM Break (coffee service provided)

10:20AM - 10:40AM Mark Reid (USGS) "Assessing regional instability using 3-D groundwater flow and 3-D slope-stability analyzes"

10:40AM - 11:00AM Rex Baum (USGS) "Modeling transient rainfall-induced pore pressure and slope instability"

11:00AM - 11:20AM Bill Burns (DOGAMI) "Comparison of mapping techniques in the Portland hills pilot study area"

11:20AM - 11:40AM Jeff Coe (USGS) "Use of landslide inventories for hazard and risk assessment, some recent examples from the western U.S."

11:40AM - 12:00N Bill Schulz (USGS) "Estimating landslide susceptibility on a regional basis using LIDAR imagery and historical landslide records"

12:00N - 1:00PM LUNCH (lunch provided)



**Oregon Dept. of Geology
and Mineral Industries**
Vicki S. McConnell,
State Geologist

**800 NE Oregon Street
Suite 965, Portland, OR 97232**
www.oregongeology.com
(971) 673-1555

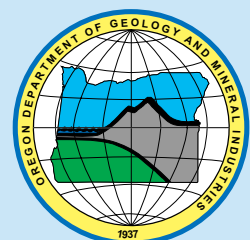
Media Contact: James Roddey
Earth Sciences Information Officer
james.roddey@state.or.us
(971) 673-1543 (direct line)
(503) 807-8343 (cell)

Mineral Land Regulation
and Reclamation Program
229 Broadalbin Street, SW
Albany, OR 97321
(541) 967-2039,
Gary W. Lynch, Assistant Director

Baker City Field Office
1510 Campbell Street
Baker City, OR 97814
(541) 523-3133,
Mark L. Ferns, Regional Geologist

Coastal Field Office
313 SW 2nd Street, Suite D
Newport, OR 97365
(541) 574-6642,
Jonathan C. Allan, Coastal
Team Leader

Grants Pass Field Office
5375 Monument Drive
Grants Pass, OR 97526
(541) 476-2496,
Thomas J. Wiley, Regional Geologist



continued on next page

Landslide Symposium Agenda (continued)

Thursday April 26, 2007, 8:00 AM to 5:00 PM

1:00PM - 1:10PM Afternoon focus: "Landslide mapping, FHWA practices, reducing losses and managing risk, and Keynote: How we can improve landslide practice and management in Oregon: a practitioner's perspective."

Moderator: Yumei Wang (DOGAMI)

1:10PM - 1:30PM Ian Madin (DOGAMI) "LIDAR and landslides - New technology supports a new landslide hazard mapping program"

1:30AM - 1:50AM Jonathan Godt, Rex Baum and Jon McKenna (USGS) "Hydrologic conditions leading to shallow landslide occurrence on the Puget Sound bluffs near Edmonds, Washington"

1:50PM - 2:20PM Scott Anderson (FHWA) "FHWA's efforts to raise the standard for analysis, mitigation and management of landslides"

2:20PM - 2:50PM Mihail Popescu (Illinois Institute of Technology, Chicago) "Landslide Risk Assessment and Management Strategies: Some European and Japanese Experiences"

2:50PM - 3:10PM Break (coffee service provided)

3:10PM - 3:40PM Albert T. Yeung (University of Hong Kong) "Public awareness and participation in reduction of landslide risk—Hong Kong experience"

3:40PM - 4:30PM KEYNOTE: Derek Cornforth (Cornforth Consultants) "How we can improve landslide practice and management in Oregon: a practitioner's perspective"

4:30PM - 4:50PM Q & A for morning and afternoon sessions

4:50PM - 5:00PM Bill Burns (DOGAMI) Concluding Remarks to include Oregon Landslide Workgroup (OLW) sign up sheet, questionnaire feedback forms

Approx. 5:30PM – 7:30PM Post Symposium Gathering and Poster Session sponsored by ASCE and AEG at the Double Tree Hotel, Lloyd District

Post Symposium Gathering lead organizer John Jenkins, (PBS), Poster Session lead organizer Roland Brady (AMEC). Contact Jason Butler-Brown, City of Portland, for Post Symposium Gathering Sponsorships - (503) 823-4936 - BrownJ@ci.portland.city.us

Poster Session contact:

Roland H. Brady III, Engineering Geologist
AMEC Earth & Environmental, Inc.
(503) 639-3400 - roland.brady@amec.com

*Complete 2007 Landslide Symposium information can be found online at:
<http://www.oregongeology.com/sub/landslide/symposium2007.htm>*

For general Symposium information and to register, contact:

James Roddey, Earth Sciences Information Officer
Oregon Dept. of Geology and Mineral Industries
(971) 673-1543 (direct line) / (503) 807-8343 (cell)
james.roddey@state.or.us



**Oregon Dept. of Geology
and Mineral Industries
Vicki S. McConnell,
State Geologist**

**800 NE Oregon Street
Suite 965, Portland, OR 97232
www.oregongeology.com
(971) 673-1555**

Media Contact: James Roddey
Earth Sciences Information Officer
james.roddey@state.or.us
(971) 673-1543 (direct line)
(503) 807-8343 (cell)

Mineral Land Regulation
and Reclamation Program
229 Broadalbin Street, SW
Albany, OR 97321
(541) 967-2039,
Gary W. Lynch, Assistant Director

Baker City Field Office
1510 Campbell Street
Baker City, OR 97814
(541) 523-3133,
Mark L. Ferns, Regional Geologist

Coastal Field Office
313 SW 2nd Street, Suite D
Newport, OR 97365
(541) 574-6642,
Jonathan C. Allan, Coastal
Team Leader

Grants Pass Field Office
5375 Monument Drive
Grants Pass, OR 97526
(541) 476-2496,
Thomas J. Wiley, Regional Geologist

