



Water Resources Dept
725 Summer St NE, Ste A
Salem, OR 97301-1271

2015 Oregon Dam Safety Conference

Red Lion Hotel
3301 Market St. NE
Salem OR 97301

February 10, 2015

8:00 a.m. - 4:30 p.m.

Registration Fee: \$79.00

Oregon Biennial Dam Safety Conference Agenda

Introduction

- **8:15 a.m. Introduction & Welcome**
Water storage issues and opportunities in Oregon
Tom Byler, Director, Oregon Water Resources Department, Salem
- **8:35 a.m. Dam Safety Update**
Dam safety rule and guidance changes, hazard reclassification.
Keith Mills, OWRD, Salem

Floods and Dams

- **9:00 a.m. Flooding in Oregon**
Keeping informed about storm and flood potential.
Andy Bryant, National Weather Service, Portland
- **9:30 a.m. Design for Extreme Flood Events in the Northwest**
Chris Bahner, West Consultants, Salem
- **10:00 a.m. Break**
- **10:30 a.m. Practical Guide to Inundation Mapping & Updating of EAPs**
E. George Robison, McMillen Associates, Boise

Seismic Environment in the Northwest

- **11:00 a.m. USGS Tools for Area & Site Specific Seismic Characterization**
Dr. Art Frankel, USGS Seattle
- **11:30 a.m. Characterization & Behavior of Soils Subject to Liquefaction or Strain Softening**
Dr. Marvin Pyles, Professor Emeritus, Oregon State University, Corvallis
- **12:00 p.m. Lunch**
- **1:00 p.m. Seismic Stability Evaluation of Lookout Point Dam**
*Kenji Yamasaki, Cornforth Consultants, and
David Schofield, Corps of Engineers, Portland District*

Emergency Planning

- **1:30 p.m. Difficulties and Lessons Learned for the Newport Big Creek Dam**
*Verena Winter, HDR and
Scott Anderson, HDR*
- **2:00 p.m. Emergency Planning & Vigilance, Response & Coordination**
Doug Knapp, Dam Safety Program, Army Corps of Engineers, Portland District

Case Studies – Inspection and Response

- **2:30 p.m. Wanapum Dam Incident**
Importance of Instrumentation and Monitoring
Ed Perez, Federal Energy Regulatory Commission, Portland
- **3:00 p.m. Break**
- **3:30 p.m. Rockfall Hazard Evaluation & Mitigation at Dams**
Brent Black, Cornforth Consultants, Portland.
- **4:00 p.m. Repair of Joe Fisher Dam**
David and Jim Newton, Newton Consultants, Redmond
- **Optional Round Table on Oregon Key Dam Safety Issues**
Flood flow determination seismic analysis methodology and determining dams prone to piping
Keith Mills facilitating