

## Agenda

**Scientific Earthquake Studies Advisory Committee (SESAC)**

February 2-3, 2009

Silver Cloud Inn – University, 5036 25th Avenue NE

Seattle, Washington

**Monday, February 2nd (all sessions open)**

<i>Time</i>	<i>Topic</i>	<i>Presenter/Participants</i>
8:00am	<i>Coffee and tea</i>	
8:30	Welcome and introductions <ul style="list-style-type: none"><li>• Approve 7/08 meeting summary and review action items</li></ul>	Mark Zoback, Chairman
8:45	Update on Earthquake Hazards Program <ul style="list-style-type: none"><li>• Program funding outlook</li><li>• NEHRP update</li><li>• External research support status</li></ul>	Applegate/Blanpied Elizabeth Lemersal
9:30	Team updates <ul style="list-style-type: none"><li>• Staffing issues</li><li>• Outlook</li></ul>	Jill McCarthy/Tom Brocher
10:00	<i>Break</i>	
10:15	Lessons learned from Great Southern California Shakeout	Ken Hudnut
11:00	Update on seismic risk maps	Nico Luco
11:30	Update on ANSS Steering Committee	Ralph Archuleta
12:00pm	<i>Lunch</i>	
1:00	Overview of USGS earthquake activities in Pacific Northwest <ul style="list-style-type: none"><li>• Multi-hazards initiative in the Pacific Northwest</li><li>• USGS role in National Tsunami Hazard Mitigation Program</li></ul>	Craig Weaver
1:45	User perspectives on putting USGS science to work in the Pacific Northwest <ul style="list-style-type: none"><li>• Hazard assessments in bridge and sewer plant design</li><li>• Seattle URM retrofit ordinance: why now?</li><li>• Use of the Seattle urban seismic hazard maps</li><li>• Using USGS hazard data for tsunami inundation maps</li></ul>	Bill Perkins Maureen Traxler Peter Somers Tim Walsh
3:00	Committee discussion	
3:30	<i>Break</i>	
4:00	Visit to UW Pacific Northwest Seismic Network <ul style="list-style-type: none"><li>• Presentations on network and UW collaborations</li><li>• Role of ANSS regional advisory committee</li><li>• Tour of network facility</li></ul>	John Vidale/Paul Bodin
5:30	Informal reception	

## Tuesday, February 3rd (all sessions open)

8:00am *Coffee and tea*

8:30 New research pathways in the Pacific Northwest

- Episodic tremor and slip update
- Ground-motion issues in the Pacific Northwest
- Northwest Washington Geophysical Atlas
- Improved understanding of the Seattle fault

Joan Gomberg  
Art Frankel  
Elizabeth Barnett  
Brian Sherrod

10:00 *Break*

10:15 Executive session: Report preparation assignments

12:00pm Adjourn

## MEETING PARTICIPANTS

### SESAC Members

Mark Zoback, *Chair*, Stanford University, Palo Alto CA

Ralph Archuleta, University of California at Santa Barbara and Chair, Advanced National Seismic System Steering Committee

Jim Dieterich, University of California at Riverside and Chair, National Earthquake Prediction Evaluation Committee

Art Lerner-Lam, Columbia University, Palisades NY

*Vicki McConnell, Oregon Department of Geology & Mineral Industries, Portland OR*

Stu Nishenko, Pacific Gas & Electric, San Francisco CA

John Parrish, California Geological Survey, Sacramento CA

Ellen Rathje, University of Texas, Austin TX

Garry Rogers, Geological Survey of Canada, Victoria BC

### USGS Staff

David Applegate, Earthquake Hazards Program (EHP), Reston VA

Elizabeth Barnett, Earthquake Hazards Team (EHT), Seattle WA

Mike Blanpied, EHP, Reston VA

Tom Brocher, EHT, Menlo Park CA

Art Frankel, GHT, Golden CO

Joan Gomberg, EHT, Seattle WA

Ken Hudnut, EHT, Pasadena CA

Elizabeth Lemersal, EHP, Reston VA

Nicolas Luco, GHT, Golden CO

Jill McCarthy, Geologic Hazards Team (GHT), Golden CO

Brian Sherrod, EHT, Seattle WA

Craig Weaver, EHT, Seattle WA

### Invited Guests

Paul Bodin, University of Washington

Jack Hayes, NEHRP Director, National Institute of Standards & Technology

Bill Perkins, civil engineer, Shannon & Wilson

Peter Somers, structural engineer, Magnusson Klemencic

Maureen Traxler, City of Seattle

John Vidale, University of Washington

Tim Walsh, geologist, Washington Department of Natural Resources