Curriculum Vitae`

SCOTT A. ASHFORD

Kearney Professor and Dean
College of Engineering

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Oregon State University,
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EDUCATION

B.S. Oregon State University, 1983 (Civil Engineering)
M.S. University of California, Berkeley, 1986 (Geotechnical Engineering)
Ph.D. University of California, Berkeley, 1994 (Geotechnical Engineering)

REGISTRATION

P.E. State of California, 1987 (Civil Engineer No. C41723)

PROFESSIONAL EXPERIENCE

Oregon State University (public 4-year, enrollment 24,000, $297M research, Carnegie RU/VH)

- 2014-present: Kearney Professor and Dean, College of Engineering
- 2012-2014: The Kearney Professor of Engineering and School Head
- 2011-2012: Interim Dean, College of Engineering
- 2007-2011: Professor and Head, School of Civil and Construction Engineering

U.C. San Diego (public 4-year, 28,000 enrollment, $798M research, Carnegie RU/VH)

- 2006-2007: Professor, Department of Structural Engineering
- 2002-2006: Associate Professor, Department of Structural Engineering
- 1996-2002: Assistant Professor, Department of Structural Engineering

Asian Institute of Technology (international 2-year graduate institution, enrollment 2,000)

- 1994-1996: Assistant Professor, School of Civil Engineering

Private Industry

- 1986-1991: Project Engineer, CH_2M HILL, Emeryville, California
- 1983-1985: Geotechnical Engineer, McClelland Engineers, Houston, Texas

HONORS and AWARDS

Medium Project Award Winner, Port of Long Beach Security Command and Control Center, California Geotechnical Engineers Association, 2007-2008
Outstanding Early Career Engineer, Oregon Stater Awards
College of Engineering, Oregon State University, 1998

PROFESSIONAL ACTIVITIES

Memberships

- American Society of Civil Engineers (ASCE)
  - Geo-Institute
- Earthquake Engineering Research Institute (EERI)
- Network for Earthquake Engineering Simulation (NEES)
- Seismological Society of America (SSA)

Committees

- American Society of Civil Engineers, Continuing Education Committee, 1986-1989
- Earthquake Engineering Research Institute, Traditional Education Committee, 1992-1996
- Engineering Institute of Thailand, Committee on Wind and Earthquake Effects, 1995-1996
- Pacific Earthquake Engineering Research Center
  - Education Committee, 1998 – 2007
  - Chair, K-12 Outreach Subcommittee, 1998-1999
  - Chair, Special Projects Subcommittee, 1999 – 2000
  - Assistant Director for Education, 2002-2007
- Session Chair, Planning Committee, EERI Annual Meeting – 1999
- Transportation Research Board, University Representative, 2000 - 2007
- Planning Committee, American Seismological Society Annual Meeting - 2000
- American Society of Civil Engineering/TCLEE, Ports and Harbors Lifeline Committee, 2004 - Present
- International Society for Soil Mechanics and Geotechnical Engineering TC-4, Earthquake Geotechnical Engineering, 2004-2007
- Earthquake Engineering Research Institute, Learning from Earthquakes Advisory Committee, 2005 - 2007
- American Society of Civil Engineers, Standards Committee on Seismic Design of Piers and Wharves, 2005-2014
- American Society of Civil Engineers/COPRI, Ports and Harbors Committee, 2005 – 2007
- Chair, STIP Stakeholder Committee, Oregon Transportation Commission, 2009-December 2013
- Member, Columbia River Crossing Expert Review Panel, 2010-2011
- Co-Chair, Technical Committee, 10NCEE, National Conference on Earthquake Engineering, Anchorage, AK, July 21 – 25, 2014
- Chair, Governor's Task Force on Implementing the Oregon Resilience Plan, November 2013 – January 2015

Journal, Manuscript, and Proposal Review

- American Society of Civil Engineers, Journal of Geotechnical and Geoenvironmental Engineering
- National Science Foundation, Earthquake Hazard Mitigation Program Proposals
- United States Geological Survey, National Earthquake Hazard Reduction Program Proposals
- American Society of Civil Engineers, Journal of Structural Engineering
- National Science Foundation, Geomechanics Program Proposals

- Southeast Asian Geotechnical Society, Geotechnical Engineering Journal
- Oregon Sea Grant Science Panel Member
- National Sea Grant College Program
- MCEER Seismic Retrofitting Manuals for Highway Systems
- Earthquake Engineering Research Institute, Spectra Journal

CONSULTING ACTIVITIES

- Technical Advisor, Seismic Hazards Evaluation for Kaeng Sua Ten Dam Project, Thailand, for Woodward-Clyde Federal Services, Oakland, California
- Technical Advisor, Sri Lanka Landslide Hazard Mitigation Project, Colombo, for Asian Disaster Preparedness Center, Bangkok, Thailand
- Peer Reviewer, Preliminary Design of I5/I805 Improvement Project, for California Department of Transportation
- Peer Reviewer, Del Mar Bluff Geotechnical Study, for North County Transit District, Oceanside, California
- Technical Advisory Panel Member, Seismic Design of Route 30 Improvement Project, San Bernardino Associated Governments
- Co-Founder and CFO, Ashford Engineering Incorporated
- Consultant, Port of Long Beach Expansion, Diaz-Yourman & Asso, Long Beach, CA
- Independent External Peer Review of the Limited Reevaluation Report on the Wood River Levee System Reconstruction Project, Madison County, Illinois.
- Independent External Peer Review of the Dam Safety Modification Report and Environmental Assessment for Rough River Dam Project, Breckinridge County, KY
- Design and Peer Review Team, Christchurch Rebuild, Earthquake Commission of New Zealand

UNIVERSITY SERVICE

University of California, San Diego (1996-2007)

Department of Structural Engineering

- Chair, White Paper Committee on International Masters Program, 1996 - 1997
- Member, Graduate Affairs Committee, 1998 – 2000, 2004-2007
- Chair, Graduate Affairs Committee, 1999 – 2000, 2004-2005
- Chair, Undergraduate Laboratory Committee, 1998 – 1999
- Member, Undergraduate Laboratory Committee, 1999 – 2007
- Member, Student Organization Committee, 1999 – 2007
- Member, Undergraduate Affairs Committee, 2001 – 2005
- Chair, Undergraduate Affairs Committee, 2001-2002
- Chair, Faculty Search Committee, Marine Coastal Position, 2002-2004

Jacobs School of Engineering

- Chair, K-14 Outreach Committee, 2003-2004
- Member Engineering Courtyard Food Service Selection Committee , 2004-2005

Eleanor Roosevelt College

- Executive Committee, 2000 – 2005

Academic Senate

- Academic Dishonesty Hearing Board - Alternate Member, 2003-2004
- Academic Dishonesty Hearing Board - Standing Member, 2004-2005
- UCSD-TV Faculty Advisory Committee, 1998 – 2007
- Minority Access to Science, Engineering, and Math Advisory Board, 2000 - 2005

Campus Wide

- Ad-Hoc Committee for Review of Provost, 2003-2004
- Instructional Improvement Program Selection Committee, 2004-2006
- Committee for Education Policy, 2005-2007
    - Chair, 2006-2007
- Senate Administration Council, 2006-2007
- Senate Council, 2006-2007
- Enrollment Planning Committee, 2006-2007

Oregon State University (2007-present)

- Member, Academic Department Heads and Associate Deans Team, College of Engineering, 2007-present
- Chair, CBEE Head Search Committee, College of Engineering, 2009-2010
- Member, Graduate Enrollment Growth Committee, Graduate School, 2009-2010
- Member, Search Committee, Director of Marketing Communications, College of Engineering, 2010
- Member, P&T Committee, College of Engineering, 2010-2011
- Member, Seed Fund Selection Committee, Division of Business and Engineering, 2010-2011
- Member, Joint Leadership Group, Division of Business and Engineering, 2010
- Member, Provost's Council, 2011-2012

PhD Students (Dissertation Advisor)

- Thomas Weaver, University of California, San Diego, 2001
- Warrasak Jakrapiyanun, University of California, San Diego, 2001
- Teerawut Juirnarongrit, University of California, San Diego, 2002
- Osman Elmenchawi, University of California, San Diego, 2005
- Adam Young, University of California, San Diego, 2005
- Michael Gebman, University of California, San Diego, 2006
- Azadeh Bozorgzadeh, University of California, San Diego, 2007
- Yohsuke Kawamata, Oregon State University, 2008
- Murat Mongkul, Oregon State University, 2010
- Pongpipat Anantanasakul, Oregon State University, 2010
- Nontipat Nimityongsukul, Oregon State University, 2011
- Deepak Rayamajhi, Oregon State University, 2014
- Kengo Kato, Oregon State University, expected 2017
- Stephanie Lange, Oregon State University, expected 2018

Masters Students (Thesis Advisor)

- *Asian Institute of Technology 1994-1996*

  - K.C. Bon, R. Carreon, J. Chantrathada, C. Chin-Feng, F. Hafeez, W. Jakrapiyanun, F. Wen-Lung, W. Donxia, N. Husain, K.K. Sylva
- *University of California, San Diego: 1996-2007*
  - G. Orozco, K. Cox, N. Gibson, S. McDonald, T. Sanders
- *Oregon State University 2007-present*
  - M. Ellers, P. Barker, Q. Owokoni

Courses Taught

Asian Institute of Technology

- CE 71.13, Advanced Soil Mechanics and Testing
- CE 71.61, Soil Dynamics and Earthquake Engineering

University of California, San Diego

- SE 101A, Statics
- SE 101B, Dynamics
- SE 181, Soil Mechanics
- SE 182, Foundation Engineering
- SE 140, Structures and Materials Laboratory (Senior Capstone)
- SE 207, Engineering Geology
- SE 222, Geotechnical Earthquake Engineering
- SE 242, Advanced Foundation Engineering

Oregon State University

- CCE 101, Introduction to Civil and Construction Engineering
- CE 570, Engineering Geology
- CE 570, Shear Strength and Slope Stability

CONTRACTS AND GRANTS

(Scott Ashford is PI, unless otherwise noted).

$10,000 – "Amplification of Earthquake Ground Motions in Bangkok," Royal Thai Government, 1995 – 1997.

$1,000 – "Kobe Earthquake Reconnaissance," Pathum Thani Concrete Company, 1995.

$14,000 – "Solid Waste Management for Environmental Sustainability," The Nederlands Government, 1996 – 1999, (Co-PI with C. Visvanathan).

$15,000 – "Earthquake Induced Loss of Lifeline Facilities in Southeast Asia Risks, Socio-Economic Impacts, and Mitigation," UC Pacific Rim Project, 1997 – 1998.

$458,800 – "Effect of Pile Diameter on Modulus of Subgrade Reaction," California Department of Transportation (Co-PI with M.J.N. Priestley and F. Seible), 1997 - 2001.

$365,300 – "Shake Table Testing of Pile-supported Twin-Column Bents," California Department of Transportation (Co-PI with M.J.N. Priestley and F. Seible), 1997 - 2001.

$175,000 – "Pilot Liquefaction Study," California Department of Transportation, 1998.

$30,000 – "Supplemental Field Laboratory Development," Alaska Department of Transportation and Public Resources, 1998.

$75,000 – "Effect of Large Velocity Pulses on Bridge Columns," Pacific Earthquake Engineering Research Center/National Science Foundation, 1998 – 1999.

$425,000 – "Behavior of Laterally Loaded Deep Foundations in Liquefied Sand," Federal Highways Administration Pooled Funds (Caltrans-Lead Agency, Missouri DOT, New York DOT, Oregon DOT, Utah DOT, and Washington State DOT) 1998 - 2001.

$1,700 – Donation from Royal Thai Government for General Support of Research on Dynamic Response of Soft Bangkok Clay. 1998.

$18,460 – Donation from Hayward Baker, Inc., for General Support of the Treasure Island Liquefaction Test, 1999.

$160,000 – "Performance of Bridge Components Subjected to a Large Velocity Pulse," PEER/NSF, 1999 - 2001.

$119,000 – "Substation Equipment Interaction – Right and Flexible Conductor Studies," PEER Lifelines Program, 1998 – 1999, (Co-PI with A. Filiatrault, A. Elgamal, and F. Seible).

$25,000 – "Characterization of Ground Motions from Special Source Zones," PEER/NSF, 1998, (Co-PI with A. Elgamal).

$115,000 – "Ravenal Bridge Load Testing Program," South Carolina DOT, 2000.

$50,000 – "Powell Faculty Fellowship," Powell Foundation, 2000-2002.

$168,229 – "Mitigation of Coastal Bluff Instability in San Diego County," California Sea Grant, 2001 – 2004.

$1,700 – Donation from Royal Thai Government for General Support of Research on Dynamic Response of Soft Bangkok Clay, 2001.

$60,000 – "Assessment/Completion of the NEES Experimental Infrastructure," NSF, 2001, (Co-PI with F. Seible, A. Filiatrault, and A. Elgamal).

$359,724 – "Performance of Lifelines Subjected to Lateral Spreading: Full-Scale Field Experiment," California Energy Commission, Caltrans, and Pacific Gas & Electric through PEER Lifelines Program, 2001-2002.

$515,000 – "Axial and Lateral Behavior of Full-Scale CIDH Piles in Soft Clay and Liquefied Sand," Caltrans, 2001-2003.

$39,846 – "Full-Scale Testing at Port of Long Beach," National Sea Grant, 2001-2003.

$3,514 - General Support of Research on Dynamic Response of Soft Bankok Clay, Donation from Royal Thai Government, 2001.

$14,814 - Tri-Center Field Study, PEER/NSF, 2002-2003

$75,000 - Seismic Performance of Port Facilities: Full-Scale Testing at Port of Long Beach, California, 2002-2003

$324,938 - Rapidly Deployable Composite Bridge Project, Office of Naval Research, 2002-2003 (Co-PI with John Kosmatka).

$169,500 - PEER Summer Internship Program, PEER/NSF, 2002-2003

$170,029 - PEER Education and Operations - Year 5,6, PEER/NSF, 2002-2003

$161,880 - PEER Engineering Scholar's Course (EESC), PEER/NSF, 2002-2003

$51,301 - PEER Student Leadership Council, PEER/NSF, 2002-2003

$75,600 - PEER Graduate Fellowships, PEER/NSF, 2002-2003

$3,000 - Tri-Center Ph.D. Exchange, PEER/NSF, 2002-2003

$114,803 - Research Experience for Undergraduates Program (REU), NSF, 2002-2003

$2,000 - Business and Industrial Partners Fellowship Program, PEER/NSF, 2002-2003

$5,890,000 - NEES: Large High Performance Outdoor Shake Table, NSF, 2002-2004, Co-investigator (PI - Jose Restrepo)

$150,000 - PEER Research Experience for Teachers, NSF, 2002-2004

$1,375,000 - Response Assessment of Bridge Systems, Caltrans, 2002-2005

$1,125,000 - Large Diameter Piles and Pile Systems, Caltrans, 2002-2005

$192,000 - Performance of Lifelines Subjected to Lateral Spreading, PEER, 2002-2005

$115,850 - PEER Education Operations - Year 7, PEER/NSF, 2003-2004

$203,900 - PEER Education Student Programs - Year 7, PEER/NSF, 2003-2004

$53,700 - Research Education Undergraduates (REU), NSF, 2003-2004

$100,000 - Performance of Pier G Seismic Fuse, Port of Long Beach, 2004-2005

$105,402 - Load Capacity, Failure Mode, and Design Criteria of Sand Jacks, Caltrans, 2004-2005

$121,642 - PEER Education Operations - Year 8, PEER/NSF, 2004-2005

$224,830 - PEER Education Student Programs - Year 8, PEER/NSF, 2004-2005

$51,500 - Research Experience for Undergraduates (REU), NSF, 2004-2005

$276,000 - Data Acquisition System and Instrumentation for NEES LHPOST, NSF, 2004-2005, Co-Principal Investigator (PI - Jose Restrepo)

$420,000 - Coastal Bluff Erosion: Causes, Mechanisms, and Implications for Coastal Protection and Restoration, UC Office of the President, 2004-2006

$390,892 – Development of Reliable Methods to Analyze Batter Piles and Piles in Sloping Ground, Caltrans, 2006-2011

$206,879 – Relationship between Bluff Erosion and Beach Sand Supply in the Oceanside Littoral Cell, California Sea Grant, 2006-2008

$59,930 – Structural Capacity Confirmation Testing of the Modular Hybrid Pier Test Bed, BERGER/ABAM and US Navy, 2006

$208,506 - Reducing Seismic Risk to Highway Mobility: Assessment and Design Tools for Pile Foundations Affected by Lateral Spreading, ODOT and OTREC, 2010-2012

$89,914 – Benchmarking Recently Developed Procedures for Designing Pile Foundations in Laterally Spreading Ground, Caltrans, 2012-2013

$350,000 – Assessment of Soldier Pile Wall Design Procedure, Caltrans, 2012-2014 (pending)

LECTURES, SEMINARS, PRESENTATIONS

Date	Topic
07/18/1994	"Seismic Considerations in Slope Stability Analyses," lecture for Short Course on Slope Failures and their Remedial Measures, Southeast Asian Geotechnical Society (SEAGS), Bangkok, Thailand, July 18-22, 1994.
09/12/1994	"Use of Geosynthetics in Waste Disposal," lecture for Short Course on Geotextiles, Geomembranes and other Geosynthetics in Ground Improvement, for SEAGS, Bangkok, Thailand, September 12-16, 1994.
09/28/1994	"Sanitary Landfills and Site Selection: An Overview," lecture at Workshop on New Solutions for Sustainable Development of Solid Waste Disposal, Chiang Mai, Thailand.
10/20/1994	Organized and presented One-Day Training Program on Siting and Design of Municipal and Hazardous Waste Landfills in Hanoi, Vietnam.

10/21/1994 "Site Selection for Hazardous Waste Landfills: An Overview." Workshop on Hazardous Waste Management Strategies for Vietnam, Centre for Environmental Science and Technology, University of Hanoi, Vietnam, October 20-22, 1994.

02/03/1995 "Geotechnical Aspects of 1995 Kobe Earthquake," National Press Conference, Asian Institute of Technology, Bangkok, Thailand.

05/08/1995 "Two Dimensional Seismic Site Response.", Geotechnical Aspects of Earthquake Engineering, Pile Dynamics, and Machine Foundations, SEAGS and AIT, Bangkok, Thailand, May 8-12, 1995.

07/19/1995 Organized and lectured for the First Workshop on the Seismic Design of Structures, Engineering Institute of Thailand, Bangkok, July 19-21, 1995.

08/28/1995 Course Director and lecturer for Short Course on Geomembrane Systems in Engineering Projects, Asian Institute of Technology, Bangkok, Thailand, August 28 – September 1, 1995.

11/14/1995 "Seismic Response of Steep Slopes," lecture at Central Research Institute of the Electric Power Industry, Abiko, Japan.

09/17/1996 "MSW Landfill Liner Design in Southeast Asia," invited lecture at University of California at Berkeley, Geotechnical Society, Berkeley, California.

11/05/1996 "Review of Current Practice of MSW Landfill Liner Design in Thailand," presented paper at Second International Congress on Environmental Geotechnics, Osaka, Japan, November 5-8, 1996.

11/09/1996 "Two Dimensional Seismic Site Response Analysis," invited lecture at Department of Civil Engineering, Tohoku University, Sendai, Japan.

02/14/1997 "Seismic Design of Pile Foundations," invited lecture at Second Workshop on Seismic Design of Structures sponsored by Engineering Institute of Thailand, Bangkok, February 14-15, 1997.

03/23/1997 Lecture on Earthquakes at Carlsbad High School, Carlsbad, California.

06/20/1997 "Academic Expectations," Eleanor Roosevelt College Orientation, UCSD, La Jolla, CA.

06/24/1998 "Academic Expectations," Eleanor Roosevelt College Orientation, UCSD, La Jolla, CA.

09/14/1998 "Geotechnical Engineering Research at UCSD," San Diego Chapter of ASCE, San Diego, CA.

02/03/1999 "Preliminary Results from the TILT Project," University of California, at Berkeley, Geotechnical Society, Berkeley, CA.

03/20/1999 "Preliminary Results from the TILT Project," Central Research Institute for the Electric Power Industry, Abiko, Japan.

03/23/1999 "Preliminary Results from the TILT Project," invited lecture at Ports and Harbors Research Institute, Yokosuka, Japan.

03/26/1999 "Preliminary Results from the TILT Project," Philippines Institute of Volcanology and Seismology, Manila, Philippines.

03/30/1999 "Preliminary Results from the TILT Project," Asian Institute of Technology, Pathum Thani, Thailand.

03/31/1999 "Preliminary Results from the TILT Project," invited lecture by Earthquake and Vibrations, Chulalong University, Bangkok, Thailand.

05/12/1999 "Geotechnical Engineering Research at UCSD," ASCE Student Chapter, UCSD, La Jolla, CA.

05/19/1999 "Treasure Island Liquefaction Test: Stone Columns," Hayward Baker Ground Improvements Seminar, San Diego, CA.

01/08/2000 "Liquefaction Mitigation using Stone Columns around Deep Foundations: Full-Scale Test Results," Lecture at Transportation Research Board Annual Meeting, Washington DC.

10/17/2000 "Behavior of Deep Foundations in Liquefied Soil," University of Canterbury, Christchurch, New Zealand

02/28/2001 "P-Y Curves for Liquefied Sand," San Diego Chapter of ASCE, San Diego, CA.

03/16/2001 "Careers in Engineering," Flora Vista Primary School, Encinitas, CA.

05/24/2001 "Development of P-Y Curves for Liquefied Sand," Dept. of Civil and Environmental Engineering Seminar, University of Washington, Seattle.

05/24/2001 "TILT: The Treasure Island Liquefaction Test," Seattle Chapter of ASCE, Seattle, WA.

06/06/2001 "Geotechnical Engineering Research at UCSD," San Diego Chapter of ASCE, San Diego, CA.

05/01/2002 "Structural Engineering," Presentation for University of California, San Diego Admissions Day

09/05/2002 "Performance of Lifelines Subjected to Lateral Spreading," Presentation at PEER Lifelines Liquefaction in Research Group Meeting, Berkeley, CA

10/09/2002 "Performance of Lifelines Subjected to Lateral Spreading," Presentation at PRC-US Workshop on Seismic Design of Special Bridges, Shanghai, People's Republic of China

10/17/2002 "Large High-Performance Shake Table at the Field Station at Camp Elliott," Presentation at the Jacobs School Corporate Affiliates Board Meeting, University of California, San Diego, La Jolla, CA.

12/17/2002 "Performance of Lifelines Subjected to Lateral Spreading," Presentation at 8th UC-Japan Workshop on Earthquake Resistant Design of Lifeline Facilities and Counter Measures again Liquefaction, Tokyo, Japan

05/19/2003 "PEER Education Program," Presentation at the National Science Foundation Site Visit, Berkeley, California

02/28/2003 "Responses of Piles and Pipelines Subjected to Lateral Spreading," Presentation at US-Japan Symposium on Seismic Performance of Urban, Reclaimed and Port Areas: Full-Scale Experiment at Tokachi Port, La Jolla, CA

04/05/2003 "New Initiatives in Structural Engineering," Presented at the Jacobs School Retreat, Temecula, CA

05/13/2003 "Pier 3 Testing at the Port of Long Beach," Presentation for the State Lands Commission, Long Beach, CA

06/04/2003 "P-Y Curves for Liquefied Sand," San Diego Chapter of the American Society of Civil Engineers

08/01/2003 "Pier 3 Testing Program," Presentation at the Port of Long Beach

08/06/2003 "The Pacific Earthquake Engineering Research Center," Presentation at the Tri-Center Research Experience for Undergraduates Symposium, Bend, OR

10/17/2003 "Camp Elliot Research Concepts," Presentation at the Camp Elliot Board of Directors Meeting, UCSD

11/20/2003 "Composite Culverts," Presentation to the Office of Naval Research, UCSD

01/05/2004 "Shear Transfer Mechanisms for CISS Piles," Invited Lecture at the Chulalongkorn University, Bangkok, Thailand

01/06/2004 "Shear Transfer Mechanisms for CISS Piles," Invited Lecture at the Asian Institute of Technology, Bangkok, Thailand

01/12/2004 "PEER Education Program," PEER Institutional Board Meeting, Berkeley, CA

05/12/2004 "PEER Education Program," Presentation at NSF Site Visit, Berkeley, CA

05/24/2004 "Being a Mentor," Presentation at California Alliance for Minority Participation, UCSD

06/08/2004 "Mitigation of Coastal Bluff Instability in Northern San Diego County," Presentation at the California Coastal Commission, San Francisco, CA

07/17/2004 "The Pacific Earthquake Engineering Research Center," Presentation Waseda University, Tokyo, Japan

08/04/2004 "EERI Reconnaissance of the 2003 Tokachi-oki Earthquake," Presentation at the 13th World Conference on Earthquake Engineering, Vancouver, Canada

08/04/2004 "Analysis of Pile Response based on Full-Scale Lateral Spreading Test," Presentation at 13th World Conference on Earthquake Engineering, Vancouver, Canada

09/15/2004 "Full-Scale Lateral Load Testing of Pier 3 at the Port of Long Beach," Presentation at Prevention First, Long Beach, CA

09/23/2004 "Welcome to UCSD's Department of Structural Engineering," Presentation at Graduate Student Orientation, UCSD

10/08/2004 "Introduction to Geotechnical Earthquake Engineering," PEER Earthquake Engineering Scholars Course, UCSD

11/09/2004 "The Lighter Side of Engineering," Jacobs School Staff Retreat, UCSD

11/19/2004 "Achieving Diversity at the EERC's," NSF Engineering Research Center Annual Meeting, Washington, D.C.

12/14/2004 "EERI Reconnaissance of the 2004 Niigata-Chuetsu Earthquake," Pacific Gas and Electric, San Francisco, CA

12/16/2004 "EERI Reconnaissance of the 2004 Niigata-Chuetsu Earthquake," California Institute of Technology, Pasadena, CA

01/19/2005 "EERI Reconnaissance of the 2004 Niigata-Chuetsu Earthquake," GEOCON, San Diego, CA

03/16/2005 "Analysis of Piles in Laterally Spreading Ground," Workshop on Numerical Modeling of Piles Subjected to Liquefaction and Lateral Spreading, Davis, CA

04/19/2005 "Deep Foundations Subjected to Lateral Spreading," Invited Lecture at the University of Texas, Austin

05/19/2005 "PEER Education Program," NSF Site Visit, Berkeley, CA

08/01/2005 "Large-Scale Foundation Testing," PEER Earthquake Engineering Scholars Course, Davis, CA

01/19/2006 "PEER Education Program," PEER Annual Meeting, San Francisco, CA

05/12/2006 "Quantifying Seacliff Morphology using LIDAR," Invited Lecture at the Institute for Geophysics and Planetary Physics, La Jolla, CA

05/17/2006 "Quantifying Seacliff Morphology using LIDAR," Invited Lecture to the Geotechnical Group of the ASCE San Diego Section, San Diego, CA

06/19/2006 "PEER Education Program," NSF Reverse Site Visit, Washington, D.C.

08/02/2006 "Quantifying Seacliff Morphology using LIDAR," Invited Lecture to Chulalongkorn University, Bangkok, Thailand

08/03/2006 "EERI Reconnaissance Effects for the 2003 Tokachi-Oki and 2004 Niigata-Ken Chuetsu Earthquakes," Tenth Asian-Pacific Conference on Structural Engineering and Construction, Bangkok, Thailand

08/04/2006 "Axial Force Transfer Mechanisms in Cast-in-Steel-Shell Piles," Symposium on Recent Advances in Structural Engineering, Mechanics, and Materials in Honor of Professor Pishdi Karasudhi, Bangkok, Thailand

08/04/2006 "Push-Over Analyses for Piles in Laterally Spreading Soil," Tenth Asian-Pacific Conference on Structural Engineering and Construction, Bangkok, Thailand.

08/05/2006 "Shake Table Competition to Stimulate Undergraduate Interest in Earthquake Engineering and Seismic Design," Symposium on Recent Advances in Structural Engineering, Mechanics, and Materials in Honor of Professor Pishdi Karasudhi, Bangkok, Thailand

10/03/2007 "Effect of Backfill-Type on the Stiffness and Capacity of Bridge Abutments," invited lecture for ASCE Oregon Section, Lake Oswego, OR

04/09/2009 "The New Orleans Levees: The Worst Engineering Catastrophe in U.S. History – What Went Wrong and Why," COE Social Justice Seminar, Corvallis, OR

05/16/2009 "Behavior of Deep Foundations in Liquefied Soils," ASCE Spring Seminar, Seattle, WA

06/09/2009 "Seismic Response and Capacity Evaluation of Exterior Sacrificial Shear Keys of Bridge Abutments," 2009 Caltrans-PEER Seismic Seminar Series, Berkeley, CA

04/12/2010 "Briefing on the Chile Earthquake of February 27, 2010," Science Pub, Old World Deli, Corvallis, OR

05/03/2010 "Briefing on the Chile Earthquake of February 27, 2010," Society of American Military Engineers, Portland, OR

05/18/2010 "Briefing on the Chile Earthquake of February 27, 2010," ODOT Bridge Design Conference, Salem, OR

05/21/2010 "Briefing on the Chile Earthquake of February 27, 2010," OSU Foundation Board of Trustees, Corvallis, OR

06/28/2010 "Learning from the Chile Earthquake of February 27, 2010" Science Pub, Baghdad Theatre, Portland, OR

07/08/2010 "Briefing on the Chile Earthquake of February 27, 2010," Pacific Power Leadership Briefing, Portland OR

07/13/2010 "Briefing on the Chile Earthquake of February 27, 2010," Port of Portland Briefing, Portland, OR

08/18/2010 "Briefing on the Chile Earthquake of February 27, 2010," Oregon Public Utility Commission Briefing, Salem, OR

10/11/2010 "Briefing on the Chile Earthquake of February 27, 2010," ODOT Business Line Forum, Salem, OR

10/18/2010 "Geotechnical Aspects of the September 4, 2010, Darfield (New Zealand) Earthquake," EERI Public Briefing, Berkeley, CA

10/22/2010 "Geotechnical Aspects of the September 4, 2010, Darfield (New Zealand) Earthquake," OSU Public Briefing, Corvallis, OR

10/25/2010 "The 2010 Chile Earthquake: Implications for Oregon," Oregon Water/Waste Water Response Network (ORWARN) Conference, Ashland, OR

11/05/2010 "The 2010 Chile Earthquake: Implications for Oregon," Oregon Transportation Commission Testimony, Salem, OR

11/09/2010 "The 2010 Chile Earthquake: Implications for Oregon," CH2M HILL Briefing, Corvallis, OR

11/15/2010 "The 2010 Chile Earthquake: Implications for Oregon," Science Pub, McMennimins, Bend, OR

11/20/2010 "The 2010 Chile Earthquake: Implications for Oregon," OSU Foundation Game Day, Corvallis, OR

12/03/2010 "The 2010 Chile Earthquake: Implications for Oregon," Representative Wu Briefing, Corvallis, OR

04/09/2011 "Recent Earthquakes and their Implications for Oregon," Society for Women Engineers Region J Conference, Corvallis, OR

04/14/2011 "Recent Earthquakes and their Implications for Oregon," Eugene Water and Electric Board Briefing, Eugene, OR

04/15/2011 "Recent Earthquakes and their Implications for the West Coast," OSU Alumni Association Showcase: OSU, San Francisco, CA

04/20/2011 "Preliminary Observations from Reconnaissance of the 2011 Tohoku Japan Earthquake," OSU Public Briefing, Corvallis, OR

05/16/2011 "Recent Earthquakes and their Implications for Oregon," OSU College of Engineering Corporate Advisory Board Meeting, Corvallis, OR

05/25/2011 "2011 Tohoku Japan Earthquake: What can we learn?" ODOT Bridge Design Conference, Salem, OR

07/29/2011 "Recent Earthquakes: Implications for Oregon's Lifeline Infrastructure," Oregon Association of Clean Water Agencies Summer Conference, Bend, OR

08/06/2011 "Earthquakes /Impact on your Ability to do Business: Lessons from Chile, New Zealand, and Japan" Associated General Contractors Annual Conference, Lincoln City, OR

10/26/2011 "Recent Earthquakes: Implications for Oregon," Earthquake Readiness Workshop, OSU Campus, Corvallis, OR

11/07/2011 "What is CCE All About?" OSU College of Engineering, College Advisory Board Meeting, Corvallis, OR

02/24/2012 "State of the College Address," OSU College of Engineering Oregon Stater Awards Banquet, Corvallis, OR

NEWS AND COMMUNICATIONS

Recent news stories/coverage where I've worked directly with OSU News and Communications

- March 2010 Powered by Orange Blog from the Chile Earthquake Reconnaissance http://poweredbyorange.com/category/chile/

- July 2010 Terra Story, "Uncharted Waters – Communities, engineers, and scientists prepare for the next tsunami"
- http://oregonstate.edu/terra/2010/07/uncharted-waters/

- November 2010 Promotional Story on Bend Science Pub, "The Big One: Lessons from the Chilean Earthquake." http://www.osucascades.edu/sciencepubs

- January 2011 Press Release: "Much of world offers history Oregon can learn from in its *ShakeOut*"

http://oregonstate.edu/urm/ncs/archives/2011/jan/much-world-offers-history-oregon-can-learn-its-%E2%80%9Cshakeout%E2%80%9D

- April 2011 Press Release: "Report cites "liquefaction" as key to much of Japanese earthquake damage," resulting in six interviews for television news and documentaries http://oregonstate.edu/ua/ncs/archives/2011/apr/report-cites-%E2%80%9Cliquefaction%E2%80%9D-key-much-japanese-earthquake-damage

- April 2011 Life@OSU Feature: "Research trip to Japan becomes emotional for OSU professor." http://oregonstate.edu/dept/ncs/lifeatosu/2011/research-trip-to-japan-becomes-emotional-for-osu-prof/

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