

SPECIAL SESSION

RISK ASSESSMENT TOOLS AND TECHNOLOGIES

Introduction to Speakers

by **Patrick Mahon, PE**

GZA

Chair of ASCE Met Section Infrastructure Group

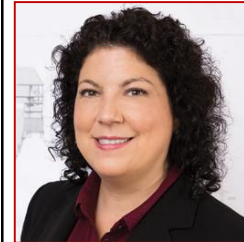


2016 M_w 7.8 Ecuador Earthquake
Mini-Symposium, NYC, 5/30/17



ERLEEN HATFIELD, PE, AIA, LEED AP

Partner, Buro Happold Engineering



Erleen is a partner with BuroHappold in NYC since 2009 with over 25 years of structural design experience in a range of complex projects including sports facilities, high rise, commercial, residential/academic buildings. With degrees in both architecture and engineering, she values the creative approaches to design and lectures on innovation topics including BIM, steel fabrication modeling and new collaboration processes. She sits on industry boards including ATC and Beverly Willis Foundation. She was part of the NYCDob Code committee, chairing the Steel Chapter committee. She was named a "Game Changer" in 2014 and a "Power Player" in 2016 by Sports Business J. magazine and was honored by Professional Women in Construction in 2013.



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AYSE HORTACSU, PE

Director of Projects, ATC



Ayse Hortacsu is Director of Projects with ATC since 2008. She has managed 20 projects for scaling ground motions and benefits for earthquake resistant construction. She is leading the update of ATC-20 procedures for post-earthquake safety evaluation. She was named an EERI Housner Fellow in 2014 and is a Director of the Structural Eng. Assoc. of N. California (SEAoNC), where she is also a core contributor for the Structural Equity & Engagement (SE3) committee. She is the founder of Women in Structural Engineering (WiSE), a network of 400+ members globally. Prior to ATC, she was a consultant in earthquake risk and vulnerability analyses and design for blast loads. Ayse holds bachelor & master's degrees from Stanford and is a licensed PE in California.



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ANOOP S. MOKHA, PHD, PE, SE

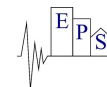
Vice President EPS



Dr. Mokha's career has spanned from research on Friction Pendulum (FP) bearings to implementation in critical industrial, bridge, and buildings worldwide. As VP of EPS since 1999, Anoop has worked in cost-effective designs of "Continued-Functionality" with FP bearings in over 30 countries. Clients include Apple, Samsung, Shell, Exxon, Texas Instruments, GSA, California State, and US Federal Government. In 1990, Anoop was awarded a PhD in Structural Engineering from the Univ. at Buffalo. He is licensed PE and SE in California and has given numerous invited presentations and has co-authored 100+ publications in peer-reviewed journals and conferences.



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ANDREW WHITTAKER F.SEI/ACI/ASCE
Professor, University at Buffalo



Andrew Whittaker is Professor in the Dept. of Civil, Structural & Environmental Engineering at Univ. at Buffalo, and serves as Director of MCEER. He is an ASCE Fellow and registered PE, SE in California. He has served as President of CUREE (Consortium of Universities for Research in Earthquake Eng.), and as Director of EERI and the World Seismic Safety Initiative. Andrew has made significant contributions in performance based design (FEMA 273-4) and led the efforts for the new generation of tools (FEMA P58). He serves on committees of ASCE-4,-7,-43, ACI-349 and chairs the ASCE Nuclear Standards Committee. His research includes earthquake and blast engineering and he has consulted to federal agencies, regulators, firms, contractors in USA, Canada, Australia, New Zealand, Europe and Asia.

