EERI NYNE – ASCE METSECTION INFRASTRUCTURE GROUP
Mini-Symposium and Panel Discussion

2016 Mw7.8 MUISNE, ECUADOR EARTHQUAKE: 1 YEAR LATER
Relevance to NYC & US Critical Infrastructure
Based on the GEER-ATC and EERI-LFE Reconnaissance

REGISTER HERE TODAY
Tuesday May 30, 2017  3:30 - 7:30 pm
General Society Library of Mechanics & Tradesmen - 20 West 44th St
FREE Attendance for EERI-NYNE & ASCE Met Section members, $50 non-members
4.0 PDHs Available

For more information, please contact us at nyne@eeri.org or infrastructure@ascemetsection.org

EARTHQUAKE ENGINEERING RESEARCH INSTITUTE
Dedicated to Reducing Earthquake Risk
Learning from Earthquakes
2016 M_{w} 7.8 ECUADOR EARTHQUAKE: 1 YEAR LATER
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PROGRAM
3:00 – 3:30  REGISTRATION
3:30 – 3:50  INTRODUCTION
3:30 – 3:40  Sissy Nikolaou, Ph.D., P.E., F.ASCE, WSP-USA, NYC
EERI-NYNE President, EERI and ATC Board of Directors, GEER Advisory Panel
Introduction to EERI and the GEER-ATC Mission to Ecuador
3:40 – 3:50  Jagtar S. Khinda, P.D., P.E., F.SEI, F.ASCE, Life Member ASCE, NYC DOT
EERI-NYNE Board of Directors, Past President of ASCE Metropolitan Section
Introduction to ASCE Metropolitan Section Infrastructure Group

3:50 – 5:30  THE 2016 M_{w} 7.8 MUISNE, ECUADOR EARTHQUAKE
3:50 – 4:00  Doug Gonzalez, P.E., Leslie E. Robertson Associates, NYC
President of SEAoNY (Structural Engineers Association of New York)
Introduction to Speakers
4:00 – 4:25  Prof. Theofilos Toulkeridis, Ph.D., Ecuadorian Armed Forces University
“Tectonic Setting, Seismological and Tsunami Observations”
4:25 – 4:45  Guillermo Diaz-Fanas, P.E., WSP USA, GEER-Ecuador Recorder, NYC
Virginia Diaz, P.E., Gilsanz Murray Steficek LLP, ATC-Ecuador Recorder, NYC
“Geotechnical and Structural Observations”
4:45 – 5:05  Gabriela Lyvers, P.E., USACE Risk Management Center, Kentucky
“Performance of Dams”
5:05 – 5:30  Lt. Col. Enrique Morales, Ph.D., Ecuador Army Corps of Engineers (EACE), Ecuador
Prof. Marcelo Romo-Proaño, Ecuadorian Armed Forces University and EACE Consultant
“Seismic Performance of the Seismically Isolated Los Caras Bridge”

5:30 – 5:45  BREAK
5:45 – 6:35  RISK ASSESSMENT TOOLS AND TECHNOLOGIES
5:45 – 5:50  Patrick Mahon, P.E., GZA, NYC
Chair of ASCE Metropolitan Section Infrastructure Group
Introduction to Speakers
5:50 – 5:55  Erleen Hatfield, P.E., AIA, LEED AP, BuroHappold Engineering, New York
Introduction to ATC (Applied Technology Council)
5:55 – 6:10  Ayse Hortacsu, P.E., ATC, California
“Emerging Tools, Guidance, and Applications for Natural Hazard Mitigation”
6:10 – 6:20  Anoop S. Mokha, Ph.D., S.E., Earthquake Protection Systems, CA.
“Safe & Unsafe Seismically Isolated Structures”
6:20 – 6:35  Andrew Whittaker, Ph.D., P.E. S.E., F.ACI, F.SEI, F.ASCE, MCEER & University at Buffalo
“Unreinforced Masonry Buildings: Seismic Risk and Mitigation Technologies”

6:35 – 7:30  RELEVANCE TO NYC INFRASTRUCTURE RISK AND ACTIONS
Sissy Nikolaou, Ph.D., P.E., F.ASCE
Moderator, WSP USA, GEER-ATC Mission Co-leader, NYC
Brig. Gen. Pedro Mosquera-Burbano, Ecuadorian Army Corps of Engineers
Col. Jose Ramos, Ecuadorian Army Corps of Engineers
Col. Fernando Viniachi, Professor & Chair of Ecuadorian Armed Forces University
Paul Nietzschmann, P.E., WSP USA, NYC
Karl Rubenacker, P.E., S.E., Gilsanz Murray Steficek LLP, NYC
Melissa Umberger, NYCEM - New York City Emergency Management

7:30 – 8:00  NETWORKING

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