

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

2016 M_w7.8 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



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 SEAO NY (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 Nietzsche, 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