

# 2016 ANNUAL REPORT

## New England Chapter

### of the Earthquake Engineering Research Institute

Report Date: February 23, 2017



This report summarizes the membership and activities conducted by the New England Regional Chapter of the Earthquake Engineering Research Institute during 2016.

#### MISSION & GOALS

The Earthquake Engineering Research Institute - New England Chapter is dedicated to reducing the earthquake risk in New England, by advancing the science and practice of earthquake engineering, by improving understanding of the impact of earthquakes on the physical, social, economic, political and cultural environment and by advocating comprehensive and realistic measures for reducing the harmful effects of earthquakes.

The New England Regional Chapter is currently focusing on three activities: 1) Working Group on Issues Related to New England Seismic Activity, and 2) Lecture Series.

#### MEMBERSHIP SUMMARY

The New England Regional Chapter had a total of 31 members in 2016.

#### OFFICERS

The Board consisted of the following members:

Role	Name	Affiliation	Email
President	Mario Carnevale	Hager GeoScience Inc.	<a href="mailto:mcarnevale@hagergeoscience.com">mcarnevale@hagergeoscience.com</a>
President Elect	Ehsan Kianirad	AIR Worldwide Inc.	<a href="mailto:ekianirad@air-worldwide.com">ekianirad@air-worldwide.com</a>
Past President	Laurie Baise	Tufts University	<a href="mailto:laurie.baise@tufts.edu">laurie.baise@tufts.edu</a>
Secretary-Treasurer	Harold Magistrale	FM Global	<a href="mailto:Harold.Magistrale@fmglobal.com">Harold.Magistrale@fmglobal.com</a>
Director	Scott Civjan	University of Massachusetts, Amherst	<a href="mailto:civjan@ecs.umass.edu">civjan@ecs.umass.edu</a>
Director	Eric Hines	LeMessurier	<a href="mailto:emhines@lemessurier.com">emhines@lemessurier.com</a>
Director	Dominic Kelly	Simpson Gumpertz & Heger	<a href="mailto:djkelly@sgh.com">djkelly@sgh.com</a>

## CHAPTER ACTIVITIES

The New England Chapter held two lectures:

**Designing for Collapse Resistance in Moderate Seismic Regions**, by Eric Hines, Ph.D., P.E., Principal at LeMessurier, and Professor of Practice at Tufts University, on May 12, 2016, hosted by AIR Worldwide, Inc. 131 Dartmouth, Boston. Twenty-seven people attended.

**Development and Implications of a Procedure for Estimating Vs30 for Use as an Alternative to the Method Used in the ASTM Standard**, by Alfredo Urzua, Ph.D., Adjunct Professor at Boston College, and Founder of Prototype Engineering, Inc., on August 31, 2016, hosted by the Weston Observatory, 381 Concord Road, Weston. Twenty-four people attended.

Following the lecture, John Ebel, Ph.D., gave a tour of the Weston Observatory. Weston Observatory is a geophysical research and science education center of the Department of Earth and Environmental Sciences at Boston College. The Observatory has been recording earthquakes since the 1930s. Weston Observatory houses seismic instruments for the New England Seismic Network and the World-Wide Standardized Seismic Network.

### 2016 Election

An on-line election was held in May to determine a Director-at-large, Secretary-Treasurer, and President-elect positions, filled respectively by Scott Civjan (UMass-Amherst), Harold Magistrale (FM Global), and Ehsan Kianirad (AIR). James Kaklamanos (Merrimack), Amy Brown (FM Global), and Sergio Brena (UMass-Amherst) served as the election committee.