

MA AEER TASKFORCE

Post-Disaster Building Safety Assessment Training

Hosted by the MA Architects & Engineers Emergency Response (MA AEER) Task Force
6.5 HSW CEUs | 6.5 PDHs



Photos from the aftermath of Hurricane Sandy
Source: Rhode Island Architects & Engineers Emergency Response Task Force (AEER-7)

Monday, October 21, 2019 – 8:00am to 4:30pm

Light Breakfast and Lunch Included

The course will be held at the Marriott Center, UMass Amherst

Cost for Participants : \$185

Included are ATC-20 & ATC-45 field manuals & Cal OES SAP student manuals

More details can be found on the back of this page

MA AEER TF is pleased to offer a full-day training seminar on the methods of assessment of the safety and usability of buildings after natural and man-made disasters. Professional Architects, Engineers, and Building Inspectors will become certified to assist local governments and perform safety evaluations of the built environment in the aftermath of a natural or man-made disaster. Upon completion of this Training, participants will be able to consistently and safely assess structures habitability and will receive a nationally recognized Cal OES SAP registration ID card from the state of CA. In addition to the training, MA AEER TF Director John Robinson will give a short presentation on how to organize an Architects & Engineers Emergency Response Task Force in your state.

You can register for this event online by visiting this link: <https://bit.ly/2M7lgEr> or by submitting this registration form to The Engineering Center Education Trust by mail, email, or fax. Questions? Contact The Engineering Center Education Trust at 617-227-5551 or email TECET@engineers.org. Fax: 617-227-6783

No shows will be billed. Cancellations must be received no later than two (2) business days prior to the event.

NAME: _____ ORGANIZATION/FIRM: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____ EMAIL: _____ PHONE: _____

CHECK: MAKE PAYABLE TO THE ENGINEERING CENTER EDUCATION TRUST & SEND TO: ONE WALNUT STREET, BOSTON, MA 02108

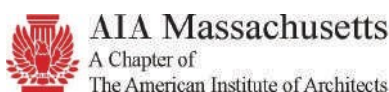
CREDIT CARD: VISA MASTERCARD AMERICAN EXPRESS

NAME ON CARD: _____ CARD #: _____ EXP. DATE: _____

BILLING ADDRESS: _____

SIGNATURE: _____

This program is offered with cooperation from professional organizations, including the American Institute of Architects Massachusetts Chapter, the Boston Society of Architects, the Boston Society of Civil Engineers Section, the Structural Engineers Association of Massachusetts and The Engineering Center Education Trust.



Overview

This training program is being offered by the recently formed Massachusetts Architects & Engineers Emergency Task Force (MA AEER TF). The task force is a collaborative venture between AIA MA, the Boston Chapter of the Structural Engineering Institute (SEI), SEAMASS and TECET. Eligible participants including; Licensed Architects, Licensed Civil, Structural & Geotechnical Engineers and Certified Building Inspectors who complete the training will be certified to perform post-disaster assessments and receive a Cal-OES SAP ID Card. (Valid license numbers will be required for this certification.)

Based on the Applied Technology Council's well-accepted post-disaster methodologies and documentation guidelines ATC-20 and ATC-45 (for earthquake and wind/flood events, respectively), this SAP training course will provide engineers, architects and code-enforcement professionals with an understanding of the basic skills required to perform safety assessments of structures following disasters.

Case studies will be presented and discussed to illustrate examples of possible damage scenarios that a Second Responder could encounter and how to properly assess the damage and record it for later use by emergency management personnel. Attendees will be introduced to the FEMA Incident & Command requirements and protocols for responders operating in a post-disaster theater which will prepare them to take the self-study online courses required of Second Responders in most jurisdictions who wish to perform post-disaster assessments.

Presenters

Kenneth J. Filarski FAIA, AICP, LEED AP BD+C, Sites AP, CFM, SAP+AEER, NCARB

Architect | Filarski Architecture + Planning + Research, Providence, RI

Director, RI Architects and Engineers Emergency Response Task Force 7 (RI AEER TF7)

For Ken, SAP Training and serving as a second responder is somewhat of a fulcrum in the middle of his integrated work as a SITES Accredited Professional, as a Certified Flood Plain Manager and also his role as a member of the national ASCE/SEI 24 Committee which authored the 24-14 publication "Flood Resistant Design and Construction." Ken was also instrumental in setting up the RI Architects and Engineers Emergency Response Task Force 7.

Michael Fillion, PE, SECB

Principal | Fillion Group, Inc.

Director, MA Architects and Engineers Emergency Response Task Force (MA AEER TF)

Member, NCSEA SEER Committee

Chair, NCSEA Existing Buildings Code Committee

Member, Structural Advisory Committee - MA State Building Code

Michael, Founder and Principal of Fillion Group, Inc. Structural Engineering, has more than three decades of experience as a practicing structural engineer. His firm is involved in the design and evaluation of both new and existing commercial & residential structures. He has experience with the evaluation and repair of damaged structures due to the effects of snow, wind and floods. As chair of the Existing Buildings Committee, his goal is to consider the effects of natural disasters in our code provisions in an effort to create more resilient communities. In the aftermath of Massachusetts's Historic Hurricane Bob, Mr. Fillion provided both rapid and detailed assessment reports for structures damaged by the storm.

David Grandpre, PE, SECB

Structural Engineer | CA Pretzer Associates, Cranston, RI

Structural Specialist | RI Urban Search and Rescue (USAR) Team (2005-2016)

Co-founder, RI Architects and Engineers Emergency Response Task Force 7 (RI AEER TF7)

Mr. Grandpre's area of specialty is investigating damaged buildings to determine the scope and cause of damage along with how best to repair the structure. David was trained as a structural specialist with the Rhode Island Urban Search and Rescue (USAR) Team. He was a co-founder of the Rhode Island Architects and Engineers Emergency Response Task Force 7 (RI AEER TF7) and board member for the Structural Engineers Association of Massachusetts. He has travelled south to investigate damage to buildings from numerous hurricanes, most recently to the U.S. Virgin Islands following Hurricanes Irma and Marie.

John A. Robinson, AIA, NCARB

Architect | John A Robinson Architect, Amherst, MA

Director, MA Architects and Engineers Emergency Response Task Force (MA AEER TF)

John has over 40 years experience in project management, architectural design, and construction. He presently has his own consulting business specializing in facility assessment and providing owner representative services. He received his SAP training in 2011 and served on the National AIA Disaster Assistance Committee from 2015 to 2017. John has been instrumental in setting up the newly formed MA Architects and Engineers Emergency Response Task Force.