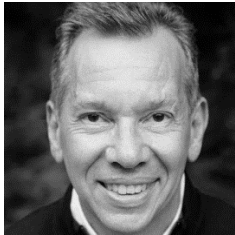# A Panel Discussion on
Vulnerability of Masonry Buildings Against Ground Shaking in Low to Moderate Seismic Zones
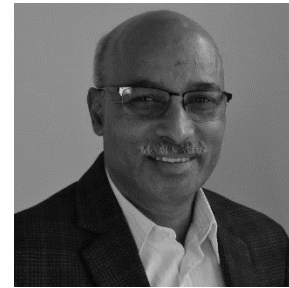

Michael Fillion, PE, SECB

President, Fillion Group, Inc.

Ken Lambert, CSL, CSI

Director of Industry Development & Technical Services, International Masonry Institute

Jitendra Bothara

Director, ResiPro International Engineering Ltd.

Hosted by EERI, New England Chapter
Thursday April 7, 2022, 4:00 – 5:00 PM, Eastern Time (US and Canada)

For registration, please visit:
https://us06web.zoom.us/meeting/register/tZAsdeyuqDkuE9bFhC1lLTe8qRaCpbVBWJsD

Please join us for an open discussion on URM. The event will begin with a brief introduction of a topic by each speaker followed by discussion and questions. The speakers and their topics are...
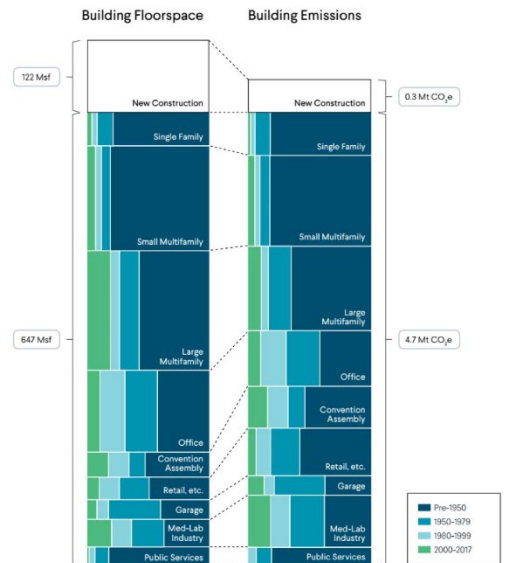
Ken Lambert - Building inventory in New England and history of masonry code requirements in New England.
Mike Fillion - History of addressing Seismic Hazards of URM buildings in the Massachusetts State Building Code and how we got to the current provisions.
Jitendra Bothara - Seismic safety of URM buildings - New Zealand Approach

Speaker Bios

Ken Lambert, CSL, CSI is a Director of Industry Development and Technical Services for the International Masonry Institute (IMI), and has worked in the construction industry for 25 years in a variety of roles. Mr. Lambert graduated with a B.S. degree in Buildings Materials Technology from University of Massachusetts at Amherst. His background and focuses include project management, estimating, specification review, business development, technical sales, and professional writing. Mr. Lambert has actively worked on a variety of key projects in New England and elsewhere, and has written and presented AIA and PE CEU's regarding "Submittals & Shop Drawings" as well as "Composite Rebar". He has had his writings published in ARCHITECT, ConstructionDive, Concrete Construction, and Construction Specifier magazine, and he has been a licensed Construction Supervisor in Massachusetts since 1999. Mr. Lambert was formerly the national sales engineer for Pultrall/ VROD, and currently serves as the Vice President of the Northeast US Region of Construction Specifications Institute (CSI).

Michael Fillion, PE, SECB has over 30 years of experience as a licensed structural engineer consulting on both new and existing structures. He is chair of the National Council of Structural Engineers Associations Existing Buildings Code Committee and also serves on the Structural Advisory Committee to the Massachusetts State Building Code where he has advocated for seismic hazard provisions in both local and national codes. He is also a director with the Massachusetts Architects and Engineers Emergency Response group and is a certified trainer of the California OES SAP course on post disaster building assessments.

Jitendra Bothara is a Fellow of Engineering, New Zealand Society for Earthquake Engineering and Nepal Engineers' Association. He is a Director of ResiPro International Engineering Limited, a New Zealand based company. With three decades of experience in seismic engineering and disaster risk mitigation, he has led teams for pre and post-earthquake assessment, post-earthquake reconstruction in many countries. Jitendra has co-authored and published several publications in earthquake engineering, including various building standards, guidelines and manuals, and has helped develop earthquake engineering research facilities. Jitendra has provided advisory services to the World Bank, the Asian Development Bank, the Government of Nepal and the United Nations Development Program on DRR, earthquake recovery and reconstruction in Nepal and other countries. He is an ardent believer in identifying linkages between socio-economy and seismic engineering and linking traditional knowledge with modern knowledge for seismic safety. His interests include translating research and complex engineering concepts into implementation tools and disseminating technology, vernacular and heritage construction, and socio-cultural and economic issues.