



Indiana/Kentucky Structural Masonry Coalition

IN/KY STRUCTURAL MASONRY COALITION
PRESENTS A WEBINAR -
TORNADO & HIGH WINDS SHELTERING
WITH MASONRY
12 PM – 1:30 PM
APRIL 22, 2015

WHO

Engineers, Architects, Construction Managers, Mason Contractors, Owners, Signatory Contractors, Facility Managers, Specification Writers, Designers, Distributors, Manufacturers, and Design Students

PROGRAM

High Wind Sheltering with Masonry

Masonry can provide safe, practical and cost effective solutions for sheltering from tornadoes and high wind events. With the 2015 edition of the International Building Code (IBC) comes requirements that most schools and emergency facilities located in areas where the design wind speed for tornadoes is 250 mph, must contain a storm shelter meeting the requirements of the ICC 500, Standard for the Design and Construction of Storm Shelters. For areas that will use the 2015 IBC, this new requirement will impact the majority of new school and emergency facility construction spanning as far north as central Minnesota, as far south as southern Mississippi, and stretching to western Pennsylvania in the east and western Texas to the west. Come learn about these new requirements, how masonry can be used to provide safe, affordable storm shelters, and new tornado missile testing that has opened the doors for additional masonry options.

SCHEDULE – Eastern Time

Wednesday, April 22, 2015 Noon – 1:30 PM

SPEAKERS

Diane Throop, P.E., FASTM, FTMS

Diane is the Director of Engineering for the International Masonry Institute. In addition to her national role as head of IMI's engineering activities, she is active in multiple construction industry technical committees and organizations. She served as the Chair of both the 2013 and the 2011 Masonry Standards Joint Committee (MSJC) - the national group charged with writing the national masonry code and specification (TMS 402/ASCE 530/ASCE5 and TMS 602/ACI 530.1/ASCE 6). She currently serves as the Chair of the General Requirements Subcommittee and previously served as the Chair of the MSJC Construction Requirements Subcommittee. Diane is a member of the ASCE Wind Speeds Estimation in Tornadoes Standards Committee and is past Chair of ASTM Committee C15 - Manufactured Masonry Units and past Chairman of ASTM C12.03 – Specifications for Masonry Mortars. She has been award Fellow status by both The Masonry Society and ASTM. She is a registered professional engineer in Ohio and Michigan. Throop has a BSCE and an MBA, both from the University of Toledo.

W. Mark McGinley, Ph.D, P.E., FASTM

Dr. Mark McGinley is a Professor and Endowed Chair for Infrastructure Research in the Civil and Environmental Engineering department of the J.B. Speed School of Engineering University of Louisville. He is a structural engineer and building scientist with more than 25 years of research and forensic engineering practice in building systems. He joined the faculty in the Civil and Environmental Engineering Department at the University of Louisville from North Carolina A & T State University where he was Chair of the Civil, Architectural, Agricultural and Environmental Engineering Department. He received his PhD, MSc and BSc in Civil Engineering at the University of Alberta and is also a registered professional engineer. Mark is a recognized expert in masonry building systems, in particular, masonry building envelopes. His research has included basic research on the structural performance of masonry walls, water penetration experiments on envelopes and the building envelope performance of brick veneer and steel stud wall systems. He has also been involved in, multidiscipline efforts on the evaluation of the energy systems of existing buildings and demonstration projects evaluating energy related technologies such as condensing heat exchangers and thermal mass effects of night time ventilation. Over 120 publications have resulted from his efforts. Dr. McGinley has also been actively involved in The Masonry Society (TMS) and is Chair of the TMS 402/602 (formerly the MSJC) Flexure, Axial & Shear Subcommittee and previously served as Chair of the Reinforcing and Connectors Subcommittee of the MSJC. He has been a primary author of all 6 editions of the TMS Masonry Designers Guide and is actively involved with ASTM on committees C-12 and C15. He received the ASTM Gilbert C. Robinson Memorial Award and the ASTM Award of Merit and title of Fellow.

Webinar Hosts & Introductions by Diane Throop, PE,

REGISTRATION

Seating is limited to the first 100 people, so register early. To register online click [here](#). For questions contact Jennifer Koski at jkoski@imiweb.org or 734-944-7766.

FASTM, FTMS and David Collins, CSI

You will receive the webinar login information via email one week prior to the webinar.

PDH CREDITS

This program meets the Indiana Professional Development Hours (PDH) criteria for continuing education. Engineers attending this program will receive 1.5 PDH learning units per seminar, which will be reported directly to the State Board of Registration for Professional Engineers.

AIA/CES

This program meets the AIA/CES criteria for continuing education. AIA members attending this program will receive 1.5 H/S/W learning units per seminar, which will be reported directly to the AIA.

