

# The Masonry Society

## *Sustainability E-News*

*Learn Something New*

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SPONSORED EDITION

### **From The Editor**

August always feels like back-to-school time to me. And for TMS, this month is no different. The Society has numerous educational opportunities this fall. From next month's [Fire Safety webinar](#), to our fall [Existing Masonry Night School](#), to in-person [Masonry Field & Laboratory Testing Review and Certification](#) there are offerings for everyone. And that doesn't even include our great educational sessions at our fall [Annual Meeting](#) which will be held in-person in October. So, as you think about back-to-school, take some time to educate yourself through one of the many offerings from TMS. With speakers who are experts in their field, you're sure to learn something new! Click [here](#) for a full list of events.

Christine "Tina" Subasic, PE, LEED AP  
CSubasicPE@gmail.com

*NOTE: Inclusion in this newsletter is not an endorsement of the products and materials featured, nor have these products been evaluated by TMS or the editor. Furthermore, the views expressed in the articles featured are those of the article authors.*

### **GREEN BUILDING NEWS**

Achieving resilient, sustainable designs is not something that we don't know how to do, but it is something that gets pushed aside when considering first costs only. As an old TV show said, "We have the skills. We have the technology." And in many cases, masonry construction can play a vital role. Now we just need to advocate to get it done. ~Tina

### **FEMA faulted for lack of attention to resilience**

**ENGINEERING NEWS-RECORD** (tiered subscription model)

The Federal Energy Management Agency has been so occupied with its response to disasters over the past two decades that it has failed to produce a federally mandated program of regulations and policies to address recurring damage to infrastructure caused by extreme weather, according to a report from a Department of Homeland Security watchdog. The [report](#) cites numerous instances of repetitive repairs, which is the kind of thing Congress' 2000 Disaster Mitigation Act was intended to avoid. Read [the article](#).

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## The impact of embodied carbon on the built environment

### BUILDING ENCLOSURE ONLINE

In [this podcast](#), Daniel Overbey, the Director of Sustainability for Browning Day, goes over what embodied carbon is and why it's important, the impact it has on the built environment (new construction and rebuilds) and how architects can track the embodied carbon of their projects in an effort to reach 2030 goals.

## Disaster Resilience Symposium recordings available

### NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

Back in July we told you about the NIST symposium featuring the Disaster Resilience Grant Research Program recipients from 2019. Recipients presented their research and findings from their awards from topics related to Disaster and Failure Studies, the National Earthquake Hazards Reduction Program, Wind Impact Reduction, and the Reduced Ignition of Building Components in Wildland-Urban Interface (WUI) Fires Project. The recordings are now [available for viewing](#).

## CODES and STANDARDS NEWS

Performance-based energy codes aren't new. The whole building performance path in the NYC pilot study is similar to the ASHRAE Standard 90.1 Appendix G Performance Rating Method compliance option. The other pathway in the pilot is a system performance trade-off path, like COMcheck. You can read more about it at the link below. ~Tina

## NYC considers performance-based energy code

### URBAN GREEN COUNCIL

The NYC Department of Buildings is piloting a 100 percent performance-based version of the NYC Energy Conservation Code through a pilot study conducted in partnership with Pacific Northwest National Laboratory. New buildings with one or more of the following occupancy types are eligible to participate: office, retail, multifamily and schools. To learn more, check out the [program description and FAQs](#).

## GREEN PRODUCT NEWS

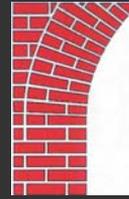
Embodied carbon data for concrete masonry units is now available through the Carbon Leadership Forum's *Material Baselines Report* and related EC3 tool. The information is based on an industry average EPD published by Canadian Concrete Masonry Producers Association (CCMPA) and does not include plants in the U.S. ~Tina

## Updated Carbon Leadership Forum (CLF) Material Baselines Report includes CMU

### CARBON LEADERSHIP FORUM

The EC3 Tool is used to evaluate relative embodied carbon impacts of building products. The data for that tool comes from the CLF's [Material Baselines](#) report. A recent update to this report provides information on the typical embodied carbon of construction materials, and the expected range and variability within a category. Instead of providing a single number, the CLF baselines help users understand the range of values and find opportunities for improvement and goal setting throughout a project: from early design approximations to final evaluation and benchmarking. Newly added materials include concrete masonry units (CMU), steel wire and mesh, steel decking,

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aluminum extrusions, thermally improved aluminum extrusions, insulated metal panels (IMP), and metal roof and wall panels.

## Webinar shows how to use HPDs & the Transparency Catalog

### HPD COLLABORATIVE

If you'd like to know more about Health Product Declarations (HPDs), you can check out [this recording](#) of "Getting Started With Transparency and Material Health Webinar: Using HPDs & The Transparency Catalog" led by Terry Swack, Founder & CEO of Sustainable Minds and HPDC's Executive Director Wendy Vittori and Program Director John Geyer. You can also download the slides from the webinar [here](#).

## Pierre Chevet Sports Hall to be constructed from hemp concrete blocks

### CONSTRUCTION SPECIFIER

Lemoal Lemoal Architecture has delivered Pierre Chevet Sports Hall in the town of Croissy-Beaubourg. It is the first public commission building in France to be constructed from hemp concrete blocks. [Read more.](#)

## EDUCATIONAL NEWS

It's not too late to sign up for the newest TMS webinar on fire safety using masonry walls. And in October, we'll have the Society's Annual Meeting. ~Tina

## Fire Safety Webinar, September 8 at 1 pm ET

### THE MASONRY SOCIETY

Learn about the Balanced Fire Safety Design concept and the crucial role that passive masonry firewalls play in it from Kevin Cavanaugh, of Cavanaugh & Associates / Arcosa Lightweight / cfiFOAM. Requirements in the building codes will be reviewed along with those in ACI/TMS 216 Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies. [Click here](#) for additional information on this helpful new webinar and to register.

## 2021 Annual Meeting Registration now open!

### THE MASONRY SOCIETY

Experience Southern Hospitality in Nashville, TN as TMS returns to in person meetings! The Masonry Society's 2021 Annual Meeting will be held at the Millennium Maxwell House, in the heart of Music City, October 13 – 16. A number of educational programs will be presented in between business meetings and enjoyable social events. But perhaps of most importance, come back to see your TMS friends and to make new ones! We hope to see you there! Visit the [Annual Meeting page](#) for preliminary information on presentations, Committee Meetings, and Social Events.

## Check out the TMS Masonry Education Hub

### THE MASONRY SOCIETY

The Masonry Society (TMS) has launched the [Masonry Education Hub](#), a Learning Management System that allows designers, professors, students, and other users to obtain on-demand masonry education. The Masonry Education Hub provides a central location for excellent and accessible training sessions on a variety of masonry topics from sustainability to strength design and more.

To Subscribe, click [here](#).

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The Masonry Society | 105 South Sunset Street, Ste. Q, Longmont, CO 80501

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