

# The Masonry Society

## Sustainability E-News

### Fire - Resistant Construction Code Adopted

June 15, 2016

Volume 8, Number 11

#### SPONSORED EDITION

#### From the Editor

As a speaker I often talk about how sustainable design is so much more than items on a LEED checklist. In fact many of the areas in which masonry excels are "beyond LEED" including durability, resistance to wind damage and of course, non-combustibility. It is this last characteristic that makes masonry an excellent material for use in areas subject to fire risk. The International Wildland-Urban Interface Code (IWUIC) requires the use of building materials that are "ignition resistant". You can read more about the Executive Order requiring federal buildings over 5,000 sf to comply with this code in the link below.

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*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.*

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#### GREEN BUILDING NEWS

Historic masonry buildings are great candidates for reuse as the case study below highlights. ~Tina

#### "Designing Masonry for ALL Its Worth" Awards Program

##### SMART | dynamics of masonry

Smart Dynamics of Masonry is accepting entry intents for its "Designing Masonry for ALL Its Worth" - High Performance and Innovative Aesthetics Awards Program. The program recognizes high performance masonry wall systems, including a category for sustainable designs. All required materials in the submittal packet must be received by June 24, 2016. [Click here](#) to learn more about the awards program and to begin the entry process.

#### Case Study: Vernon S. Broyles Jr. Leadership Center MASONRY DESIGN MAGAZINE

Completed in 2012, the Vernon S. Broyles Jr. Leadership Center in Decatur, Ga., knits together a repurposed historic dormitory with new construction to create a cost-effective facility with LEED gold certification. The structure - contemporary yet sensitive to the historic collegiate gothic architecture of the seminary's other buildings - has become a focal point that anchors a previously nondescript but public corner of the campus. [Read more.](#)

#### CODES and STANDARDS NEWS

Depending upon where you live, you may never have heard of the International Wildland-Urban Interface Code (IWUIC). The IWUIC requirements include restrictions on vegetation to limit fuel for wildfires and requirements for ignition-resistant building materials to prevent damage to structures and fire spread. As wildfires become more common and grow in intensity, adoption of the IWUIC can help reduce damage to structures at risk. Read more about the federal adoption of this code in the link below.  
~Tina

#### Sponsors of TMS's Sustainability E-Newsletter

Click on the links below to learn more about each of these organizations who have graciously sponsored this E-Newsletter. The Sponsors designated with an Asterisk(\*) are also TMS Members at the following levels:

- \*\*\* designate Sustaining Members
- \*\* designate Affiliate Members
- \* designate that at least 1 person is a TMS Member

#### Platinum Level



## Federal Buildings Ordered to Comply with 2015 IWUIC

### ICC ENEWS

President Obama signed an executive order requiring all buildings above 5,000 square feet located on Federal lands to be in compliance with ICC's 2015 International Wildland-Urban Interface Code (IWUIC). The IWUIC includes requirements to reduce damage to buildings at risk from wildfires. Non-combustible exteriors like masonry are among the recommendations. [Read more.](#)

## Can the EDGE Green Building System Save the Planet?

### GREEN BUILDING LAW UPDATE

EDGE, the acronym for "Excellence in Design for Greater Efficiencies" is a green building certification system for new residential and commercial buildings in emerging markets and developing countries. "Like LEED" for the other 70 percent of the world. [Read more.](#)

## Energy Codes Work!

### URBANGREENCOUNCIL.ORG

Ambitious goals, small town troubles, and an uneven state of adoption—Urban Green Council's "Conquering the Energy Code" instructor Wolfgang Werner reflects on the 2016 National Energy Code Conference in Tuscon, Arizona, where over 200 energy "code nerds" gathered earlier this year. Read his recap on [this blog](#).

## GREEN BUSINESS NEWS

Masonry products are made mostly from inorganic materials, and so typically have a very small chemical footprint. Nonetheless, this is an area of growing interest in the field of sustainability as evidenced by the links below. ~Tina

## Why Chemical Footprints Matter

### GREENBIZ.COM

Wal-Mart has been using the principles of "chemical footprint" assessments to nearly eliminate from its supply chain the use of 10 chemicals deemed a high priority by the Sustainable Chemistry Policy. Richard Liroff explains the idea behind chemical footprinting and why businesses can play a lead role in creating change in [this article](#).

## Companies Aim to Track Their Chemical Footprints

### GREENBIZ.COM

Companies including Levi's, Seagate Technology and Johnson & Johnson are joining together to track their "chemical footprints" and to establish new standards for data-gathering, disclosure and best practices. The effort "presents significant business opportunities, as well as huge potential for advancing environmental sustainability," says Levi's VP Bart Sights in [this piece](#).

## EDUCATIONAL NEWS

## Call for Abstracts for 13th Canadian Masonry Symposium

The 13th Canadian Masonry Symposium (CMS) has announced a call for abstracts. The CMS will be held June 4-7, 2017 in Halifax, Nova Scotia. For more information visit the symposium website at <http://www.13thcms.com/>. The abstract deadline is August 31, 2016.

## Call for Papers for Masonry 2018 Symposium: Innovations in Collaborative Research, Development and Applications

### ASTM.ORG

The objective of Masonry 2018 Symposium is to gather and disseminate the latest information on all aspects of the innovations in masonry materials, design, specification, construction, maintenance, and rehabilitation. It will emphasize the application of ASTM standards to those areas, and their coordination with building codes, project specifications, and international standards. The symposium will be held June 26, 2018 in San Diego, CA. For more information, please visit <http://www.astm.org/C07CFP062018>.

## Concrete Masonry Association of California & Nevada \*\*\*



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## Gold Level



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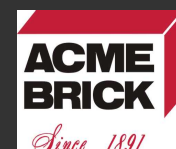


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## Silver Level



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## Bronze Level



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# Survey on Sustainability and New Product Development

## INDUSTRIAL RESEARCH INSTITUTE

The Industrial Research Institute (IRI) is currently conducting research on tools and processes to integrate sustainability into the New Product Development (NPD) and innovation processes of a company. The Research on Research (ROR) working group wants to identify and overcome gaps between a high level view on the importance of sustainability to a practical "how to do it" in business segments. To support this research either complete this [survey](#) or forward the survey on to the appropriate person in your business to complete. The person completing the survey should have knowledge of your NPD process (if applicable) and/or of your sustainability work as a business (if applicable).

## TMS Student Award Deadlines Approaching

TMS is currently soliciting applications and nominations as follows:

[The Clayford T. Grimm, P.E. Student Scholarship](#) is awarded every year to a Master's level graduate student who is conducting research in masonry. [Applications](#) are due no later than July 31, 2016. Complete rules are available [here](#).

The Masonry Society's (TMS) [Student Thesis Awards](#) are also presented annually by TMS's Research Committee to the best Doctoral Dissertation and Master's thesis on masonry. Nominations must be submitted to the TMS office no later than June 30, 2016.

Both the Clayford T. Grimm P.E. Student Scholarship and the Thesis awards will be presented during TMS's Awards Luncheon on October 8th in Raleigh, North Carolina.

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