

# The Masonry Society

## Sustainability E-News

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SPONSORED EDITION

### From the Editor

As mentioned in our [last edition](#), readers can be a valuable source of information. This edition features one reader's take on a recent U.S. Green Building Council report on climate resilience. She found numerous areas where masonry products can play a role. Check out the first article below.

As we go to press, we are about 75% toward our goal for funding of *Sustainability E-News* for 2015. It's not too late to become a sponsor! Without funding this newsletter will discontinued, so please consider your support. [Contact the TMS office](#) for more information.

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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.*

### GREEN BUILDING NEWS

Masonry materials have many beneficial properties, and properly used can play a key role in resilient building design strategies. Check out the first article below for some of the many ways masonry products can be used.  
~Tina

#### **Masonry Key Strategy in Green Buildings and Climate Resilience**

SHAHNAZ JAFFARI

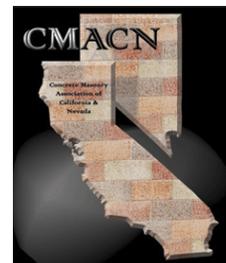
Masonry products can play a key role in many of the strategies recommended in the report, [Green Buildings and Climate Resilience: Understanding Impacts and Preparing for Changing Conditions](#), by the U.S. Green Building Council (USGBC) and the University of Michigan. According to the report, recommended strategies include: using building materials that can survive getting wet without damage or mold growth (Flood Resistive Materials, pg. C-41); using non-combustible siding (pg. C-43); using non-combustible decking (pg. C-53); using termite resistant materials (pg. C-47); using permeable pavement systems (pg. C-61); using high-albedo paving (pg. C-75); using masonry hardscape materials (pg. C-83); incorporating passive solar design (pg. C-107) and increased

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

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#### **Platinum Level**



[Concrete Masonry Association of California and Nevada\\*\\*\\*](#)

thermal mass (pg. C-109); and considering building orientation to provide for optimal use of passive heating and cooling strategies (pg. C-63).

### Historic Preservation and Sustainability

URBAN GREEN COUNCIL

Often when we talk about making buildings more sustainable, the focus is on cutting-edge technologies, the newest buildings, and building environmentally sound systems into new designs. But what if the design is priceless, and was created decades or even centuries before the words “green building” were ever paired together? Barbara Campagna, FAIA, LEED AP BD+C, gives an overview of her work as a sustainability consultant, architect, and historic preservationist in [part one](#) of this two-part Urban Green Q & A, and offers highlights and insights from her career in [part two](#).

### Definition for Zero Energy Buildings Needed

U.S. DOE

The U.S. Department of Energy (DOE) has published a Request for Information (RFI) for Definition for Zero Energy Buildings. Check out the link [here](#). The public comment period ends 2/20/15 should you be interested in responding. In addition, DOE is hosting a [Getting to Zero National Forum](#) on Feb 1-3.

### PRODUCT NEWS

The first link below provides answers to many questions commonly asked about permeable masonry pavements. Whether you're already familiar with these systems or reading about them for the first time, it's definitely worth checking out. ~Tina

### Porous Pavements Q&A

MASONRY DESIGN MAGAZINE

As the use of porous pavements grows, designers and agencies all over North America are learning for the first time this new approach to stormwater management. Bruce K. Ferguson has spoken on the subject hundreds of times in the last five years, in workshops, webinars, consulting sessions, and agency testimonies and reviews. The questions that are raised from all the diverse groups have a lot in common. Click [here](#) to get the answers.

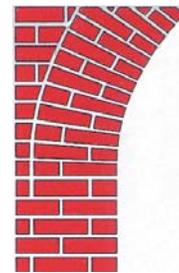
### Aluminum Slag as a Cement Replacement?

GULF TIMES (QATAR)

Qatar University researchers are studying the replacement of cement with aluminum slag in concrete mixes. They claim that the compound can



National Concrete Masonry Association  
**FOUNDATION**



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reduce setting time by 48% and decrease the corrosion of steel by 50%. "Applying this idea will contribute in reducing the cost of concrete, time needed for it to be cured, pollution caused by cement production and the pollution that results from throwing the dross into the landfill," said Omar al-Azzawi, a student member of the team in [this article](#).

### **BIM Masonry Symposium Announced**

INTERNATIONAL MASONRY INSTITUTE

The BIM-M Initiative representing masonry within the A/E/C industry of the United States and Canada announces that the [BIM-M 2015 Symposium](#) will be held in St. Louis, MO on April 9-10, 2015. The Symposium will bring together architects, engineers, mason contractors, masonry manufacturers and suppliers, industry leaders as well software developers and vendors to be exposed to the latest advances in Building Information Modeling for Masonry (BIM-M).

## **GREEN BUSINESS NEWS**

### **CSR Makes Unilever More Competitive**

FORTUNE

Unilever is doing its best to opt out of the "rat race toward short-termism" and instead seeking to "serve society, rather than take from it," says CEO Paul Polman. That focus on purpose-driven business is helping the firm to recruit and retain top talent, especially among younger workers, Polman says in [this article](#).

## **OTHER NEWS**

### **2015 Concrete Masonry Design Awards of Excellence Accepting Entries**

NCMA.ORG

The National Concrete Masonry Association and Interlocking Concrete Pavement Institute are accepting entries for this national awards program which showcases design and construction excellence using manufactured concrete masonry and hardscape products – concrete masonry units, manufactured stone veneer, articulating concrete block, segmental retaining wall units and interlocking concrete pavers. Entries will be accepted until May 15, 2015. Click [here](#) for all the details and to enter a project.



**Bronze Level**



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