

The Masonry Society

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SPONSORED EDITION

From the Editor

TMS staff has been busy getting back to everyday business after successfully hosting a phenomenal [North American Masonry Conference](#) last month in Denver. The conference featured papers on everything from structural design to energy efficiency with masonry. Even if you missed the event, you can still get a copy of the proceedings by [contacting the TMS office](#).

Later this month I will be traveling to Atlanta for the meetings of the committee that develops ASHRAE Standard 189.1, *Standard for the Design of High-Performance Green Buildings, Except Low-Rise Residential Buildings* (SSPC 189.1). The agenda for this meeting is focused on updates to the standard and includes discussion of the alignment of ASHRAE 189.1 and the International Green Construction Code (IgCC), revisions to the life cycle assessment (LCA) section in the current standard, and many other potential revisions. I will share news on this meeting in a future edition of *Sustainability E-News*.

Christine "Tina" Subasic, PE, LEED AP
CSubasicPE@aol.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.

CODES and STANDARDS NEWS

Check out the latest news on the National Green Building Standard (NGBS), the standard for residential green building initially developed by the National Association of Home Builders, in the articles below. ~Tina

Save the Date: Next 2015 NGBS Development Meeting **HOMEINNOVATION.COM**

The next 2015 National Green Building Standard (NGBS) Consensus Committee meeting will be held June 18-20, 2015, at the National Housing Center, 1201 15th Street, NW, Washington, D.C. At this third in-person meeting, which will be open to the public, voting members will discuss and take formal action on all public comments made to the draft standard. They will also take formal action on the NGBS point system and all referenced documents/standards within the current draft. For all details on the 2015

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NGBS Development Process and activity to date, visit <http://www.homeinnovation.com/NGBS>.

DOE Rules NGBS Acceptable Compliance Method for Energy Efficiency Standards

HOMEINNOVATION.COM

The Department of Energy (DOE) recently [issued a determination](#) (pp. 25906 - 22907) that both the National Green Building Standard (NGBS) and LEED are acceptable alternative compliance methods for demonstrating that HUD or USDA housing meets the minimum energy-efficiency standards -- 2009 IECC for single-family homes, and ASHRAE 90.1 for multifamily buildings.

GREEN BUILDING NEWS

The first link below features a great example of adaptive reuse of a historic brick masonry building that incorporates several sustainable design strategies. ~Tina

Massachusetts Watch Factory Transformed for Modern Use

MASONRY DESIGN MAGAZINE

An 1854 watch factory along the banks of the Charles River has been restored and is enjoying a second life. This mixed use complex "integrates modern loft apartments and offices with views of landscaped courtyards and the serene river..." Read more on page 29 of [this link](#).

In Sustainable Cities, What Works and What Doesn't

WBCSD.ORG

Local Governments for Sustainability (ICLEI) and the World Business Council for Sustainable Development (WBCSD) jointly launch the report: "Innovative city-business collaboration - Emerging good practice to enhance sustainable urban development". This study looks at six initiatives around the world that aspire to facilitate city-business collaboration with holistic, multi-stakeholder approaches. It provides insights into lessons learned and draws on the common aspects of the cases as well as some of their differences. [Read more](#).

PRODUCT NEWS

Research continues on the use of fly ash and other recycled materials in concrete. The article below touts the use of aluminum fibers in concrete. ~Tina

Performance of Permeable Interlocking Concrete Pavement Confirmed

CONCRETE PRODUCTS

Civil and pavement engineers can design permeable interlocking concrete pavement (PICP) with confidence for many municipal streets and parking lot applications thanks to findings from one of few studies globally to examine open-graded PICP bases' structural response to wheel loads. [Read more](#).

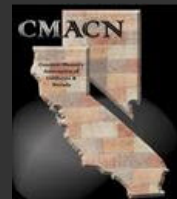
Concrete from Fly Ash, Other Sustainable Material, Up to 30% Stronger

PHYS.ORG

The Malaysian government is pushing the use of sustainable construction and, in particular, the use of greener concrete. Builders have started to use concrete made from sustainable materials like fly ash, recycled concrete aggregates and fibers from aluminum cans. Researchers there

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Institute of
America



America's Cement Manufacturers**



**

found that their concrete was up to 30% stronger than regular concrete according to [this article](#).

GREEN BUSINESS NEWS

Dow Chemical Seeks \$1B Payday from CSR Projects

THE GUARDIAN (LONDON)

Dow Chemical has set a series of corporate social responsibility goals and says it hopes to net a billion-dollar payday from cost savings and new revenue streams associated with the projects. "We're really focusing on taking the science and technology of Dow and devoting our efforts to finding new ways of doing business that will help companies collectively change our role in society," said Chief Sustainability Officer Neil Hawkins in [this article](#).

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