

The Masonry Society

Sustainability E-News

LEED in the News

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From The Editor

As you read this I will be attending the TMS Spring Meetings and 13th North American Masonry Conference in Salt Lake City. These events offer many opportunities to hear the latest on sustainable and resilient design, innovative materials, code developments, and more. In addition, TMS is a great organization to be involved with - whether it's learning from and interacting with experts in all areas of masonry, contributing to codes and standards development, or networking with some really great people. I encourage to [join us!](#) I look forward to meeting you!

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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

An assortment of news, including two articles at the end of this section that feature Hadrian, the bricklaying robot. ~Tina

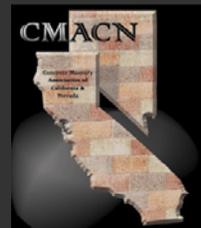
New report on resilient construction released

CONCRETE PRODUCTS

A [new report](#) from the Portland Cement Association (PCA) presents historical data, evidence from external sources, and structural material comparisons supporting the premise: resilient construction types such as concrete masonry, cast-in-place concrete or precast concrete lead to longer lasting buildings owing to their ability to stand up to normal wear and tear plus resistance to extreme weather events. "The Real Value of Resilient Construction" addresses design, engineering and life cycle criteria for owners and lawmakers or

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Platinum Level



officials driving policy affecting public or private building design. To read more, [click here](#).

Residential Research Quarterly: March 2019

[USGBC.ORG](#)

Check out USGBC's first [quarterly roundup](#) of the top research on residential green building. Articles include the latest on zero net energy, hazard mitigation, green equity in U.S. cities and more.

USGBC releases the first *Living Standard* U.S. Public Research report

[USGBC.ORG](#)

The USGBC has recently published an online magazine and related website called Living Standard. Their most recent [report](#) is an interesting read on market research on attitudes on the environment and the impact buildings can have.

Construction is on precipice of materials revolution

[SINGULARITY HUB](#)

Self-healing concrete, 3D-printed upcycled concrete and a new age of nanomaterials are shaping a "materials science revolution" in construction, writes Peter Diamandis, executive founder of Singularity University, in [this article](#). The evolution of materials is part of a larger ecosystem of construction and real estate innovation highlighted by floating cities and autonomous vehicles. [Editor's note: Hadrian appears at the end of the article.]

Bricklaying robot could be deployed in disaster scenarios

[REDSHIFT](#)

Australian construction technology firm FBR has developed a robot called the Hadrian X that transforms computer-assisted design models into metadata that is used to place bricks into a certain pattern. The technology has potential to create cost-effective, quickly-built houses in areas hit by natural disasters, [says Steve Pierz](#), chief innovation officer at FBR.

[CODES and STANDARDS NEWS](#)

USGBC has a new checklist for LEED projects; a checklist which raises awareness of an area where designers rarely tread—social equality.. Check out the link below. ~Tina

LEED certification update: First quarter 2019

[USGBC.ORG](#)

See the latest LEED data in this [first-quarter 2019 update](#).

Updated social equity checklist for LEED project teams released

[USGBC.ORG](#)

We may design beautiful LEED Platinum buildings, but have we considered their social impact? Maybe we sited our building for excellent energy efficiency, but did we consider the small stores, loved by the community, that had to be demolished? Maybe we selected a competent contractor who could build green, but did we look at their record on accidents, diversity and employee benefits? Maybe we incorporated photovoltaic panels, but did we consider how the quartz was mined? In 2018, the USGBC's Social Equity Working Group created a document to help building industry professionals address these issues. The document, the LEED Project Team Checklist for Social Impact has recently been updated. Read more [here](#).

Concrete Masonry
Association of California &
Nevada ***



Mason Contractors
Association of America **



Western
States Clay
Products
Association

Gold Level



Masonry
Institute
of
America



Portland
Cement Association **

Silver Level



Southeast Concrete Masonry
Association *



Spec Mix **

Bronze Level



GREEN BUSINESS NEWS

The World Business Council for Sustainable Development (WBCSD) has a number of free resources for businesses interested in sustainability and resilience. Their more recent report is featured below. ~Tina

Making sense of ESG reporting

WBCSD.ORG

Curious about reporting on environmental, social, governance (ESG) risks and opportunities? WBCSD's newly released ESG Disclosure Handbook & Indicator Library are practical resources that address key disclosure questions and decisions, supporting effective and efficient disclosure practice. It's the product of four months of collaborative consultation from over 100 contributors. With these tools, you can make sure that you're reporting the most relevant information for your business and your investors. [Explore more.](#)

EDUCATIONAL NEWS

Hope to see you here at the TMS Spring Meetings and 13th North American Masonry Conference! ~Tina

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