

# The Masonry Society

## *Sustainability E-News*

*Defining Resilience*

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### SPONSORED EDITION

#### From The Editor

I had an interesting conversation with someone recently. We were discussing whether or not a lone building that survives an extreme event is resilient or not. I argued the building itself was still resilient, even if the community around it was not and was destroyed. My colleague disagreed. He felt the building wasn't resilient because it was left in a community that no longer existed. What are your thoughts? The first article below discusses one such structure. In this case the performance of one structure is inspiring resilient construction when the community is rebuilt. One thing we can be sure of is that this is an issue we will continue to wrestle with for some time.

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#### GREEN BUILDING NEWS

##### **Fire Resistant Home - How One Block Home Defied a Massive Wildfire**

###### **NCMA**

Half a decade ago, a California man built a new home in the fire zone in Ojai Valley, in California. When the massively devastating Thomas Fire blazed through, it reached his property. But it didn't burn it down. He says it's due to his fire-resistant design and materials: concrete block. Now officials in California are recommending residents rebuild their homes much in the same style, if they want them to withstand future fires. To read more, [click here](#).

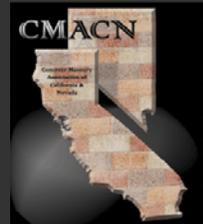
##### **AEC Industry Must Increase Automation**

###### **WIRED**

The architecture, engineering and construction industry is long overdue to see productivity improvements from automation, but much of the work in the industry is still done with pen and paper, Borja Garcia de Soto [writes](#). To assist in the transition to automation, de

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...ation, originally... 1926 facade and structure, along with 40,000 square feet of the original school floor area, were preserved. This strategy reduced the environmental impacts of the project by extending the life of the materials used and serves to illustrate construction methods used to keep people comfortable in the era before air conditioning. [Read more.](#)

## New Framework Needed to Build Resilient Infrastructure

### THE BROOKINGS INSTITUTION

With climate change intensifying, communities need to find a better approach to building resilient infrastructure, the Brookings Institution says. Pairing increased investment with a new institutional framework that prioritizes alternative forms of project delivery and financing is the key according to [this article](#).

## CODES and STANDARDS NEWS

British Columbia has taken a unique approach to net-zero construction. Their new law adopts an incremental approach meant to unify the patchwork of green codes and other programs in order to reach their goal of ready net-zero-energy-ready for all new buildings. ~Tina

## British Columbia's New Buildings May Be Net-Zero-Ready by 2032

### JOURNAL OF COMMERCE (Canada)

British Columbia could be on the precipice of a multibillion-dollar building materials market if its plans for all new buildings to be net-zero-energy-ready by 2032 comes to fruition. The province intends to increase the manufacturing of heat pumps, heat recovery ventilators and other equipment required for high-performance buildings, resulting in an average of 925 jobs per year for the Vancouver metro area alone from 2019 to 2032. [Click here](#) to learn more.

## GREEN BUSINESS NEWS

The blog below shares five things to consider in corporate carbon disclosures. ~Tina

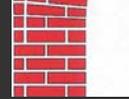
## 5 Steps to Successful Corporate Carbon Footprint and CDP Reporting

### THINKSTEP.COM

[Here](#) are 5 steps to successful Corporate Carbon Footprint and CDP (carbon disclosure) reporting.

## EDUCATIONAL NEWS

## Register Now for The Masonry Society Spring Meetings



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19, 2019, in Salt Lake City, Utah. The Conference is hosted by Brigham Young University and is the latest in a series of quadrennial conferences sponsored by The Masonry Society. More than 150 papers from more than 20 countries are anticipated to be presented on a wide array of masonry topics. For more information and to register visit the conference [website](#).

### Seeking Abstracts for Conference on Durability of Materials

You are invited to submit an abstract for the 15th International Conference on Durability of Building Materials and Components, which will be held June 30 - July 3, 2020 in Barcelona, Spain. Abstracts are sought in the areas of: Building Physics and Durability, Service Life Prediction Methodologies, Durability of Materials, Systems and Components, Sustainability and Durable Construction and more. For more information check out the [conference website](#).

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