

CCMPA soldiers on in Windsor, Ontario

CCMPA recently donated \$8,500 to the Spiritual Soldiers in Windsor, Ontario. The Spiritual Soldiers are a group of recovered alcoholics and addicts who have created a haven for people in recovery. CCMPA Executive Director Marina de Souza and Joe Santarossa of Santerra Stonecraft were on-hand to present the cheque. While there, Marina was interviewed by CBC Windsor about the gift to this very worthy cause.



Have a comment? Question? Story idea? We welcome your input. info@ccmpa.ca



January 2019

A thank-you message from the Spiritual Soldiers:

On behalf of the Spiritual Soldiers team, we would like to say thank you for considering the Spiritual Soldiers Coffee Compound as a place to donate to. Without the donations we have received from the community none of this would have been possible. We are filled with gratitude for the people in the community helping us help others. We at Spiritual Soldiers are a group of recovered alcoholic/addicts that created a safe space for people in recovery to hangout and see that it is possible to live happy joyous and free. The Compound is also a place for anyone who knows someone who has been affected by addiction where we can offer support by sharing our experience, strength and hope to help better understand the alcoholic/addict in their lives. It is all about integration not isolation. The Spiritual Soldiers Coffee Compound allows people to open up, ask for help and be part of something positive. Without members of the community like yourselves helping us with your gracious donations, this would not be possible. You are making a difference in our community!

To learn more about Spiritual Soldiers, visit them online at http://www.spiritualsoldiers.ca/



BUILDING CLIMATE RESILIENCE: THE LATEST CCMPA ADVERTORIAL



As we're all aware, climate change and increasingly severe weather are becoming more and more common. **CCMPA** believes that one of our key benefits with regard to climate resilience is the strength block gives building structures. You'll be seeing this advertorial in the near future.

January 2019

EVENTS

Canadian Concrete Expo / Fastest Trowel Competition February 6 – 7, 2019 *(competition Feb 7)* Toronto, ON

National Concrete Masonry Association & ICON Xchange February 12 – 16, 2019 Orlando, FL See event details on following page.

Canadian Masonry Contractors Association Annual Meeting May 31 – April 2, 2019

New Orleans, LA

CCMPA – Mid-Year Meeting June 2019 *(dates TBA)* Montreal, QC

CCMPA Annual General Meeting & Golf Tournament September 12, 2019 Niagara-on-the -Lake, ON



January 2019

SUPPORT OUR CANADIAN MASONS AT THE CANADIAN CONCRETE EXPO!



The Canadian Concrete Expo takes place February 6 - 7 in Toronto, and CCMPA is partnering with Spec Mix to present the Fastest Trowel Competition February 7 at 10am. CCMPA is also donating the prize. There are currently 11 confirmed teams competing. The winner will compete in the World of Concrete 2020 Fastest **Trowel Competition in Las** Vegas. Members, please attend and help give our Canadian masons all the support they deserve. Register here.

THE NCMA ANNUAL CONFERENCE Feb 12 - 16, 2019 in Orlando

The NCMA Annual Conference is fast approaching, and it promises once again to be an activity-packed event. Get a taste of the conference line-up below, and then be sure to <u>register</u>. See you in Orlando!



This session will specifically spotlight internal factors, rather than external factors like technology, time inhibitors and interruptions. External factors are outside forces that we don't have control over, while internal factors are things that we can control. We choose how we perform in each of these areas. It's up to us to change our behavior to move forward and become better time managers. Rather than point fingers at those around us, this session will highlight what we can do with the things that are in our control.

Make your plans to join us and <u>register</u> today! Visit <u>www.iconxhange.org</u> for all the details – hotel information, event highlights and more!

National Concrete Masonry Association | 13750 Sunrise Valley Drive Herndon, VA 20171-4662 USA 703.713.1900 | Fax: 703.713.1910 | <u>www.ncma.org</u> <u>Click here to manage your preferences</u>.

3



THE NEW FRONTIER IN BUILDING CODES IN CANADA: WILDLAND-URBAN INTERFACES BY STEPHEN V. SKALKO, P.E. & ASSOCIATES, LLC

Among hot topics today is climate change and the impact these changes and weather events are having on the built environment. One of the more significant of such impacts is an increase in wildfires, especially in the areas between buildings and forests, commonly referred to as the wildland-urban interface. Recent incidents in Canada have borne out the significance of this growing problem of wildfires in the wildland-urban interface (WUI). The effect on the local populations, the required response from emergency responders and the economic impact of just three recent events is substantial. See blue table below.

SIGNIFICANT WILDFIRES IN CANADA					
EVENT	YEAR	AREA	RESIDENTS	STRUCTURES	COST
		BURNED	EVACUATED	DESTROYED	
		(hectares)			
Kelowna, BC	2003	25,912	27,000	239	\$700 M
Slave Lake, AB	2011	4,700	7,000	433	\$710 M
Fort McMurray,	2016	589,552	88,000	3,244	\$9.9 B
АВ					

To address this issue, Canada's National Research Council and Infrastructure Canada launched a five-year initiative called the Climate-Resilient Buildings and Core Public Infrastructure (CRB&CPI) Project¹. The stated purpose of this project is to "integrate climate resiliency into building and infrastructure design, guides and codes". The project is to be accomplished over a 24-month period through a technical committee comprised of representatives from regulatory authorities/governments, industry and associations, and general interests reflecting a broad spectrum of the built community in Canada. Staff from the National Research Council serve as exofficio members.

The formal name of the newly appointed technical committee is the Technical Committee (TC) on the Development of a Guide/Code for Wildland-Urban Interface (WUI) Fires. Their formative meeting was held in May of 2018 in Ottawa². Their listed objective is to "develop a National guide/code for addressing the hazards and risks of wildfires at the wildland-urban interface (WUI)".



January 2019

THE NEW FRONTIER IN BUILDING CODES IN CANADA (CONT)

The National WUI Guide could eventually be integrated into the national building codes of Canada.

Resources the TC-WUI will be considering in the formulation of the Canadian WUI Guide/Code include but are not limited to the following³:

- FireSmart, a Canadian community-based program to encourage fire-safe environments in WIU
- areas.
- Wildland-Urban Interface Code developed by the International Code Council (US)
- California Fire Code (Chapter 49) Wildland-Urban Interface areas (US)
- National Fire Protection Association (NFPA) standards
- Australian Codes and Guidelines
- New Zealand Codes
- Europe Council Regulation (EEC) No. 2158/92 Protection of Community Forests Against Fires.

For the masonry industry, the area of most interest in any wildfire guideline or code will be the requirements for the exterior of buildings to resist the effects wildfire events can have on the structure. Past experience shows the three predominant means that wildfires can impact buildings is through the spread of fire by blowing embers, convective heat, and radiant heat igniting combustible materials on the exterior of the buildings. (See figure below).





THE NEW FRONTIER IN BUILDING CODES IN CANADA (CONT)

The future regulations need to consider specifying ignition resistant materials for the exteriors of buildings that are placed in wildland urban interface areas. Masonry, being a noncombustible material, provides an excellent exterior material that is resistant to all three forms of fire spread from wildfires. To that end, CCMPA is taking an active part in this new endeavor of NRC & IC by attending the TC-WUI meetings and participating on working groups assigned the task of formulating any of the requirements related to the exterior of buildings and their resistance to ignition from wildfires. Masonry can serve well the purpose of integrating climate resiliency into building design in this new frontier of codes.



January 2019

Steve Skalko consults for architectural and engineering firms, contractors and building owners, drawing from longtime expertise including application of codes, standards and regulatory requirements to buildings, evaluation for conformance to requirements, special inspections of buildings, and preparation of written reviews, reports or studies for documentation.

Have a comment? Question? Story idea? We welcome your input. info@ccmpa.ca