



# FIRE-RESCUE SECOURS-INCENDIE CANADA

CANADIAN ASSOCIATION OF FIRE CHIEFS  
L'ASSOCIATION CANADIENNE DES CHEFS DE POMPIERS

## Virtually Fire Rescue Canada Conférence Virtuellement SIC

Virtually FRC Webinars: September - December 2020  
Les webinaires du Virtuellement SIC : entre septembre  
et décembre 2020



SEPTEMBER 14-15  
14 AU 15 SEPTEMBRE 2020

# FRC2020 Webinar Series

## *The Total Cost of Fire: Revisiting the Canadian Context*

September 30, 2020 [2:00PM to 3:00PM EDT]

*The total cost of fire is a useful tool for the fire service, municipalities and fire safety communities to estimate the economic impact of investments in fire protection, education and mitigation. A research project is underway to address the pressing need to revisit and reassess the currently outdated total cost of fire in Canada. This presentation provides a brief background of this type of tool, summarizes current efforts engaging the fire safety community to understand end-user needs and opportunities, and welcomes participant contribution.*

### Presented by:



**CECILIA LAM**  
Research Officer

**National Research Council of Canada**



**AMANDA ROBBINS**  
Technical Advisor

**National Research Council of Canada**

Dr. Cecilia Lam is a Research Officer at the National Research Council of Canada. She has worked in fire dynamics and combustion research for the last 18 years, including at the University of Waterloo, Sandia National Laboratories and Natural Resources Canada. Her expertise is in large-scale fire experiments involving transportation systems and the built environment. She has conducted full-scale fire testing on electric vehicles and aircraft, and intermediate-scale fire testing on rail tank cars. More recently, her interests have taken a turn towards fire costs and fire incidence statistics.

Dr. Amanda Robbins recently joined the National Research Council as a Technical Advisor supporting the areas of fire and life safety with Codes Canada. Codes Canada facilitates the development of the national model codes. In this role she combines her experience of 13 years of fire and life safety research contributing to codes, policy and best practice guidance development in New Zealand and the USA, and 5 years of application through codes and engineering consulting in Canada. Amanda brings an international and multidisciplinary team approach to projects to create effective, practical and user-oriented solutions.

