



**Toronto Chapter**

**AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS**  
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March 2, 2015

Dear Subcommittee on Climate Change Mitigation and Adaptation,

On behalf of the ASHRAE Toronto Chapter, Grassroots Government Activities Committee (GGAC), we are encouraged to learn of the formation of your subcommittee. ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers), is a global organization, with chapters in many cities all over the world. ASHRAE promotes sustainability, as well as healthy indoor environments. We hope that ASHRAE standards, the result of millions of dollars of scientific research, will be used, especially ANSI/ASHRAE/IES/USGBC Standard 189.1-2014, Standard for the Design of High-Performance Green Buildings:

"Standard 189.1 provides total building sustainability guidance for designing, building, and operating high-performance green buildings. From site location to energy use to recycling, this standard sets the foundation for green buildings by addressing site sustainability, water use efficiency, energy efficiency, indoor environmental quality (IEQ), and the building's impact on the atmosphere, materials, resources, and operation and maintenance. Standard 189.1 is a compliance option of the International Green Construction Code™(IgCC)."

Our Toronto chapter of approximately 400 building professionals would like to offer guidance and support for your committee in your effort to reduce greenhouse gas emissions. No doubt much of the reduction will be found in a more energy efficient built environment.

Sincerely yours,

Anne-Marie Bundgard, B.A.Sc. Mechanical Engineering

Grassroots Government Activities Chair, ASHRAE Toronto Chapter, 2014-2015