



Julian C. Smith Medalist

(recognizes achievement in the development of Canada)

R. Douglas Hooton

Nominated by the Canadian Society for Civil Engineering

R. Douglas Hooton holds the NSERC/CAC Senior Industrial Research Chair in Concrete Durability and Sustainability at the University of Toronto. He has provided innovative and effective approaches for improving both the environmental sustainability and durability of concrete, with the ultimate goal of reducing the CO₂ footprint of concrete by 80%. He has also led the development of related specifications and industry standards which will allow for the use of new forms of sustainable concrete. Several new test methods and building code changes related to concrete durability in Canada and the U.S.A. have been developed or championed by him based on the results of his research.

Professor Hooton has been active in over 40 standards, technical, and code committees in Canada, the United States and Europe, and has held a number of leadership positions on these committees. He has acted as a consultant on projects such as the Tsing Ma Bridge (Hong Kong), Confederation Bridge, Pearson Airport, and the Sheppard and Spadina subway extensions.

Professor Hooton is a Fellow of ASTM, the American Ceramic Society, the American Concrete Institute, the Canadian Academy of Engineering and the EIC, and has received several international awards.

Ladies and gentlemen, and Mr. President, as the Recipient of the Julian C. Smith Medal, please welcome Douglas Hooton.