



Housing and Building
National Research Center



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Ministry of Housing, Utilities
and Urban Communities



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Professor & Associate Dean

Lecture Title: Future Directions in Road Safety Research

Abstract

In this presentation, I'll highlight why this is a particularly thrilling time to be in the field of Road Safety and the array of opportunities it offers to academics and practitioners. We'll explore how smart urban development and technological advancements are revolutionizing road safety. From cutting-edge technologies to evolving transportation trends and the forces of globalization, these factors are reshaping the present landscape. Join me as we uncover how smart infrastructure and innovative strategies are not only addressing current challenges but also paving the way for transformative solutions to ensure safer roads for all.

Field of Experience

Dr. Karim El-Basyouny is a #KillamLaureate Professor and holds an endowed chair position in urban traffic safety at the University of Alberta. He is a licensed Professional Engineer in the province of Alberta and holds Master's and Ph.D. degrees in Transportation Engineering from the University of British Columbia. Passionate about safety, Karim has dedicated his research and professional career to advancing our understanding of increasing safety and improving mobility for all road users. Over the past decade, his research on safety management has informed public policy and practice. He views safety as a product akin to any other good or service and advocates for a management framework that fosters a safe system. His ultimate aim is to stir discussion on crucial yet often overlooked issues to move towards a system free of death and disability. Dr. El-Basyouny actively participates in multiple national and international safety committees and serves on the editorial boards of several prestigious journals. Throughout his academic journey, he has earned several notable awards for his research and leadership contributions.