



THWARTS
Tornado Hazard Wind Assessment and ReducTion Symposium



Northern Tornadoes Project: Systematically identifying, classifying, and examining the impacts of every tornado in Canada

Abstract: The Northern Tornadoes Project, founded in 2017, has been identifying and classifying every tornado in Canada since 2019 with the distinct goals of:

- (i) systematically capturing data in remote and sparsely populated regions,
- (ii) developing and utilizing the latest tools, techniques, and methods to improve identification, classification, and data associated with tornadoes, and
- (iii) utilizing the data to examine the impacts in order to increase the resilience of society.

The presentation will discuss the current approaches and things we have learned, but also point out where there is need for new tools, methods, and research.

When: Tuesday, February 1, 2022, 2-3:30 pm ET/1-2:30 pm CT

Where: Zoom (details below)

Connection Details:

Join ZoomGov Meeting

<https://nist.zoomgov.com/j/1618799231?pwd=ZVRjTWWhFQUwwMzNRMUxFU3dhS2lBQT09>

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Bio: Gregory Kopp is a Professor of Civil & Environmental Engineering at the University of Western Ontario, where he has been since 1997. He currently holds the ImpactWX Chair in Severe Storms Engineering at Western. Kopp's research interests include wind tunnel test methods, building aerodynamics, wind effects on building components and cladding systems, and severe wind storms including tornadoes and downbursts. He is a co-founder of the Northern Tornadoes Project and the lead researcher for the '3 Little Pigs' Project. Kopp has been active in service to the community and is currently Chair of the ASCE 49 Standards Committee on Wind Tunnel Testing for Buildings and Other Structures, amongst other roles.