



From *here* to *there*

Climate Risk Assessments and Climate Data

This podcast is about how we get from here to there, exploring climate adaptation in the transportation sector and the ways that climate data can make us more resilient as a society.

Episode 2 explores how professionals in Canada started organizing to acknowledge and integrate climate change into their thinking in a systematic way, and how the transportation sector can apply climate data to help manage future risks.

EPISODE HIGHLIGHTS

In this episode you'll hear stories about:

- Key turning points in the pathway to climate risk assessments over the past 20 years
- Challenges and opportunities for using climate data services to support climate risk assessments, particularly within the transportation sector
- Strategies for managing future uncertainty and applying what we know about climate projections
- Examples of transportation-related projects in First Nation communities that have integrated a climate risk assessment process

What is the PIEVC Protocol?

The PIEVC Protocol was developed by Engineers Canada, with support from Natural Resources Canada, to assist engineers in factoring climate change impacts into plans for design, operation and maintenance of public infrastructure. The Institute for Catastrophic Loss Reduction, the Climate Risk Institute and the Deutsche Gesellschaft für Internationale Zusammenarbeit now manage, operate and expand use of the Protocol.

The Protocol is freely available, at no charge, for any application to public infrastructure in Canada. Read more at <https://pievc.ca>



Episode 2 Host



Rachel Malena-Chan, climate storyteller and creator of Eco-Anxious Stories

RACHEL

Episode 2 Guests



GUY

Dr. Guy Félio is an infrastructure management and climate resilience specialist with 40 years of experience (26 countries, 120+ projects) in civil, geotechnical, municipal engineering and risk management. He focuses on finding practical, innovative, and cost-effective sustainable and resilient solutions for clients, in particular the owners and operators of infrastructure and facilities. Learn more at www.DoctorInfrastructure.com



RYAN

Ryan Smith is a climatologist and climate service specialist with the Canadian Centre for Climate Services, a division of Environment and Climate Change Canada. Ryan works in the outreach and engagement team and contributes to the development of the CCCS' online data services, including service provided through ClimateData.ca (a collaborative climate data portal). Ryan has been working in the climate services space for the past 15 years, and is based in Winnipeg, Manitoba, Treaty One Territory and the heartland of the Métis people.



Considering Climate Change in Impact Assessments

Learn more at www.strategicasessmentclimatechange.ca

STRATEGIC ASSESSMENT OF CLIMATE CHANGE
A NEW IMPACT ASSESSMENT SYSTEM

Climate Risk Assessments require an interdisciplinary and collaborative process

To learn more about how you can integrate climate data into your decision-making, visit ClimateData.ca