From here to there

EPISODE 1

Adapting Toronto's Streets

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 1 provides a glimpse into adaptation thinking, featuring a range of professionals who work with the transportation sector to help advance climate resilience in the streets of Toronto.

EPISODE HIGHLIGHTS

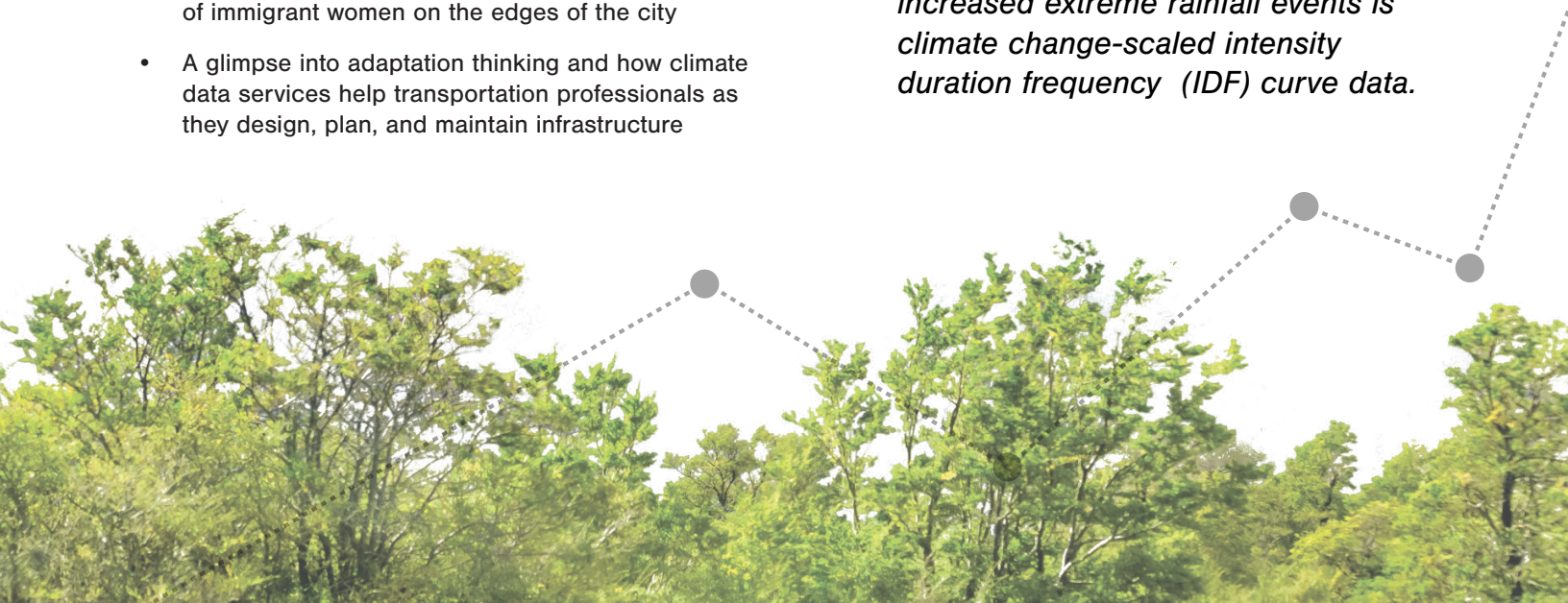
In this episode you'll hear stories about:

- The climate phenomena impacting Toronto's streets including heat waves, extreme weather events, flooding, and urban heat islands
- How adapting roads is about more than moving people - it's about how we move water and deal with rising temperatures. We look at the Queens Quay project as an example of adapting Toronto's streets using nature-based solutions
- The people impacted by transit systems and how disruptions to transportation impact the experiences of immigrant women on the edges of the city
- A glimpse into adaptation thinking and how climate data services help transportation professionals as they design, plan, and maintain infrastructure

25% of the land area in the city of Toronto is streets.

Climate data in action

One tool that transportation professionals can use to adapt to increased extreme rainfall events is climate change-scaled intensity duration frequency (IDF) curve data.



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Episode 1 Host

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

Episode 1 Guests

Jane Welsh is the Acting Project Manager for Environmental Planning in the Strategic Initiatives, Policy and Analysis unit of the City of Toronto. With over 25 years of experience in municipal planning, she holds a Bachelor of Landscape Architecture and is Secretary for the Ontario Association of Landscape Architects.

Nabila Prayitno is a PhD candidate at the University of Waterloo where she studies and undertakes research with Dr.Markus Moos, a professor in the School of Planning. Her research focuses on transit use in Toronto and Waterloo and the transit experiences of immigrant women.

Brent Raymond is a Planner, Landscape Architect, and Partner at DTAH in Toronto, Ontario. He holds a Bachelor of Design in Environmental Planning and a Master of Landscape Architecture. Brent has an interest in all dimensions of city building, working across scales and with experience in a wide range of project types.

Trevor Murdock is a Climate scientist with a degree in Physics and Astronomy and an MSc in Earth and Ocean Sciences. Trevor currently leads the Data Products Office of the Canadian Centre for Climate Services. He has over 20 years of experience applying climate information to assist decision-making and planning.

Deeper Dive

- ClimateData.ca Transportation Sector Module
- IDF Data and Climate Change
- Queens Quay
- Canada's National Adaptation Strategy

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