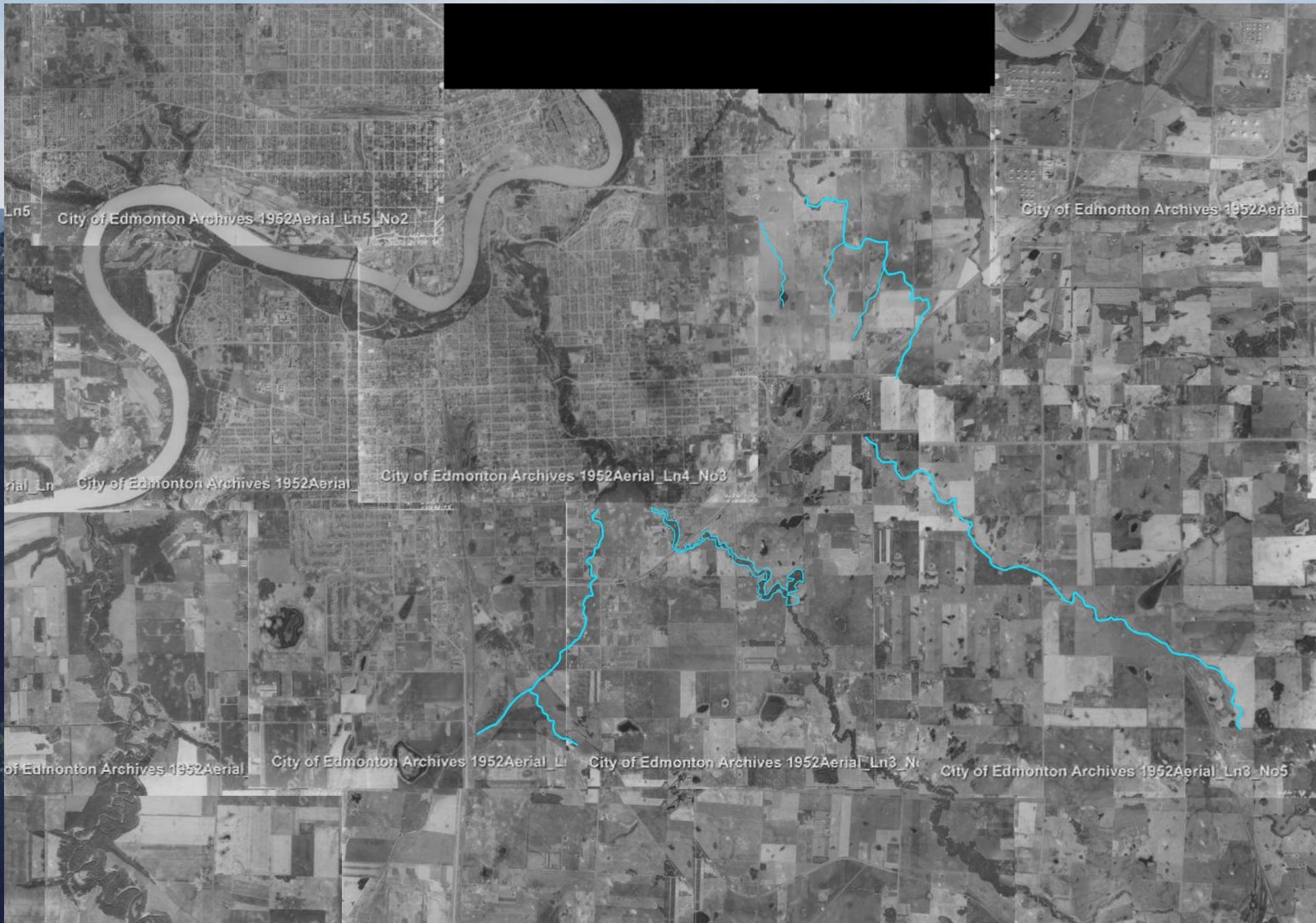


A scenic view of a river, likely the Red River in Winnipeg, Canada. The left bank is a steep, dark, and heavily forested hillside. The water is calm, reflecting the sky and the distant city. In the background, a blue steel truss bridge spans the river, with several high-rise buildings visible behind it. The right bank is a lower, grassy hillside with some trees. The sky is a clear, pale blue with a few wispy clouds. The text "Reconnecting With Hidden Waters" is overlaid in large, white, sans-serif font across the middle of the image.

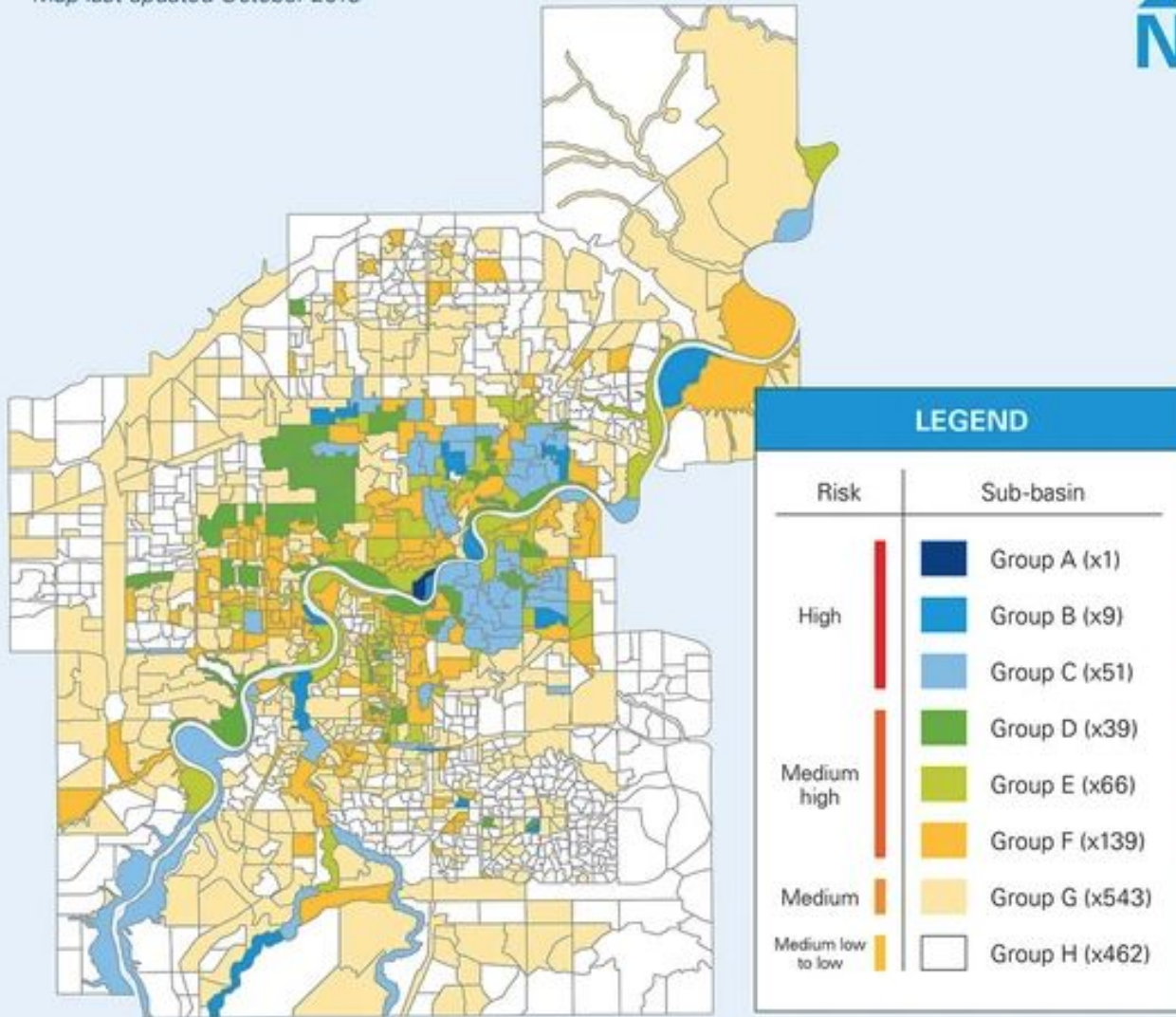
# Reconnecting With Hidden Waters







Map last updated October 2018

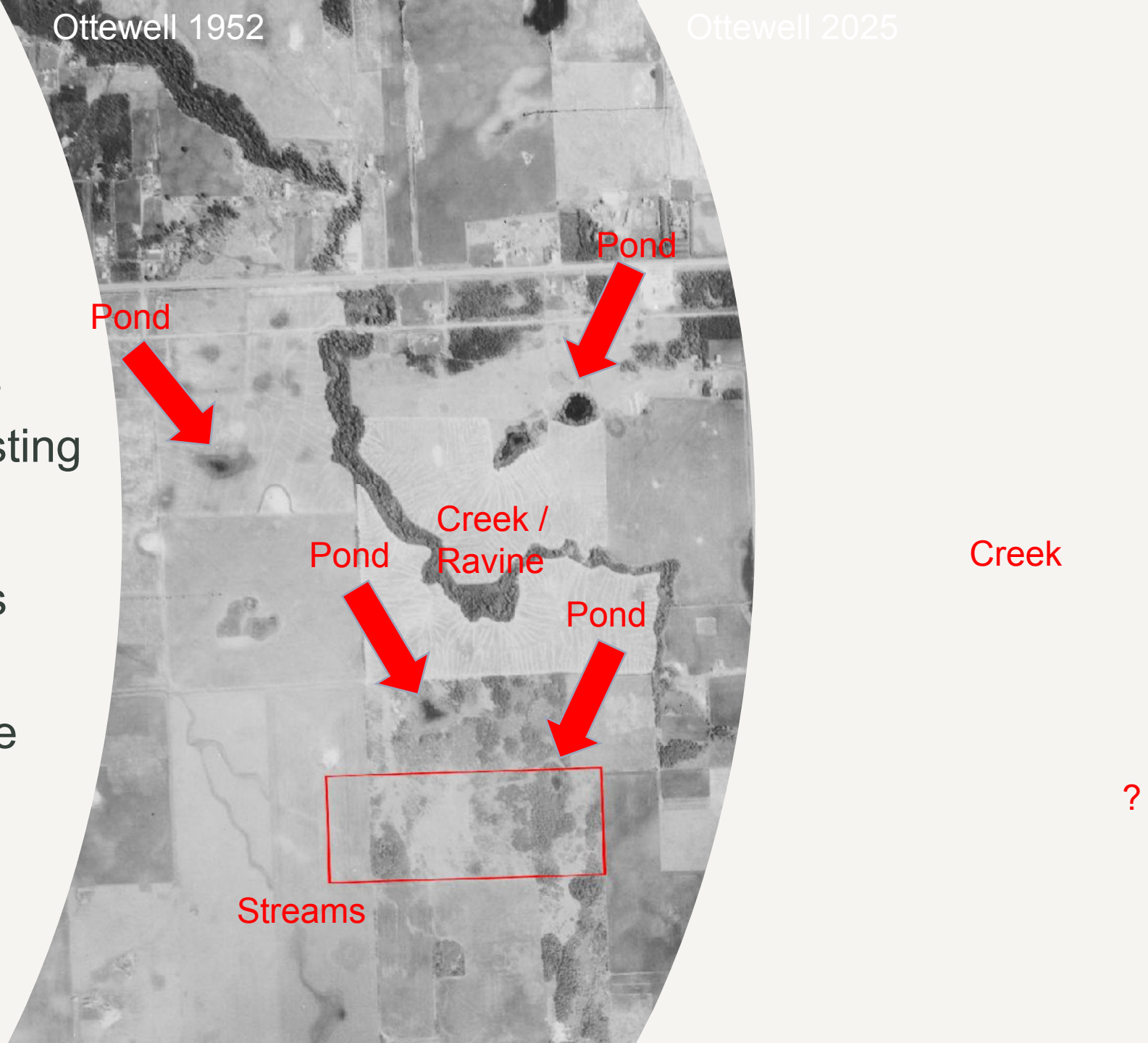


- Flood Risk
- Relies on expensive built infrastructure to mitigate storm surges and other climate events

A map outlining the risk of flooding by sub-basin across the city. (Epcor) PHOTO BY SUPPLIED BY EPCOR

## The further back history

- Development has built over pre-existing waterways
- Urban growth has eroded natural connections to the river



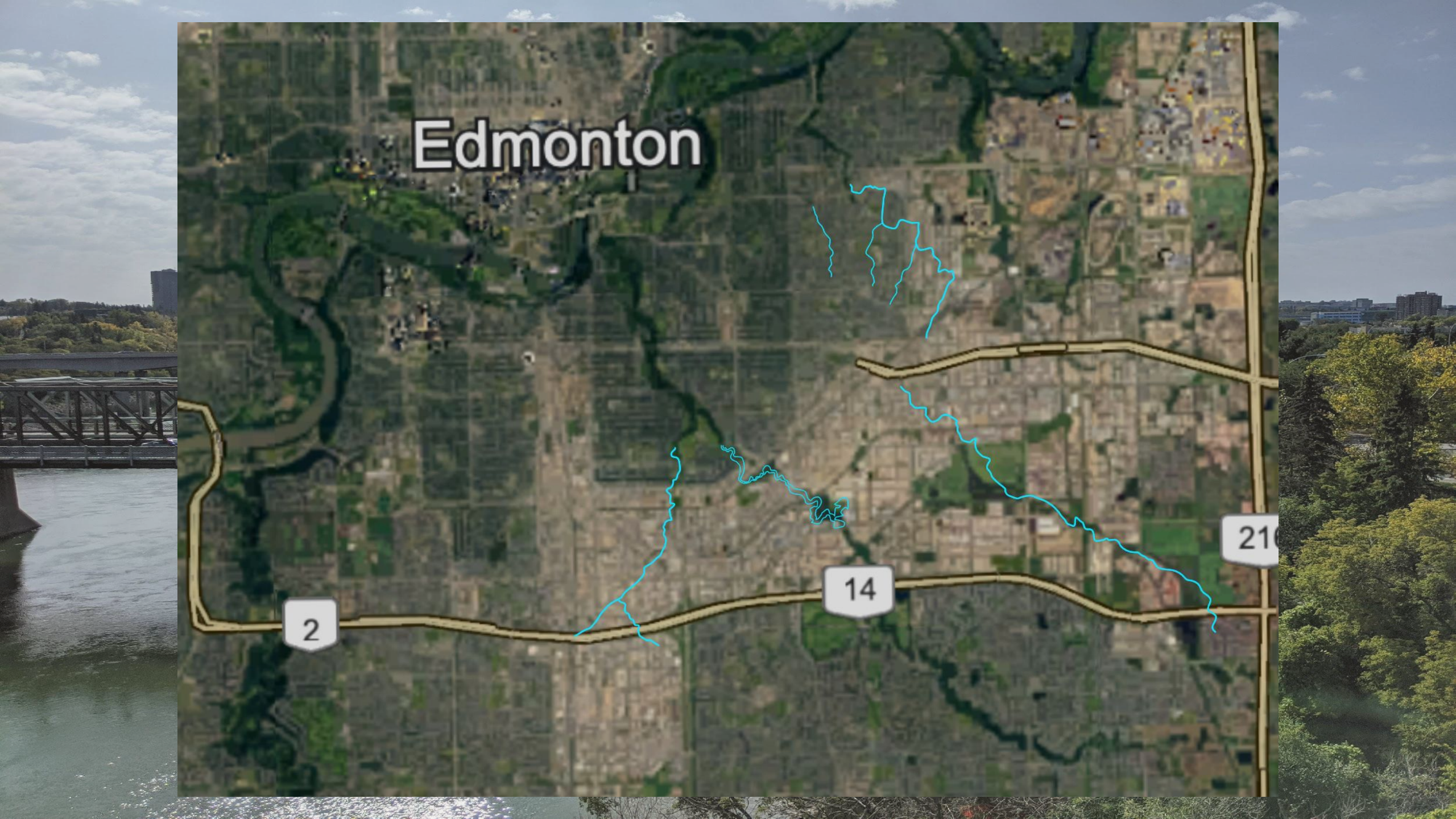


Edmonton

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# Restoration of Cheonggyecheon River, Seoul

- Selective “de-urbanization” improves access and connection to nature
- Ecosystem services, Cooling, improves air quality, reduces flooding/drought, biodiversity
- Improved traffic congestion, walkability, and public transport initiatives



# Uncas School Wetland

- Cost 300K
- Students from local Elementary and UofA Ecology Department
- Kids study ecosystems and animals like frogs in real life and build connection to place and knowledge





A man is carrying a baby on his shoulders. The baby is wearing a green jacket and a blue pacifier, and is holding a small, dried leaf. The man is wearing a dark jacket. They are in a park with a path and green grass in the foreground, and a dense forest of green trees in the middle ground. In the background, several tall apartment buildings are visible under a cloudy sky. The text "Thank You!" is overlaid in the bottom left corner.

**Thank You!**



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