

Prepared by Aylise Cooke

ECO/
LOGICAL
DESIGN
LAB





TODAY'S PRESENTATION

AGENDA

Ecological Design Lab
What is Biodiversity?
Bylaws for Biodiversity Project
Liminal Ecologies
Questions



ECO/ LOGICAL DESIGN LAB

LANDSCAPE CONNECTIVITY

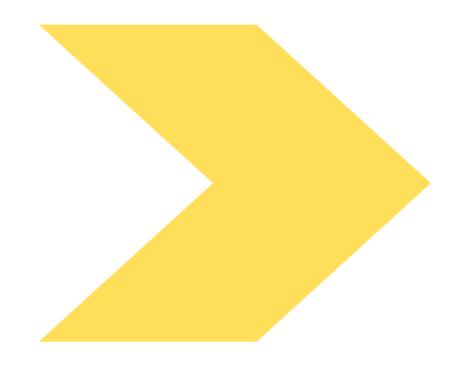
GREEN & BLUE INFRASTRUCTURE

RESILIENCE



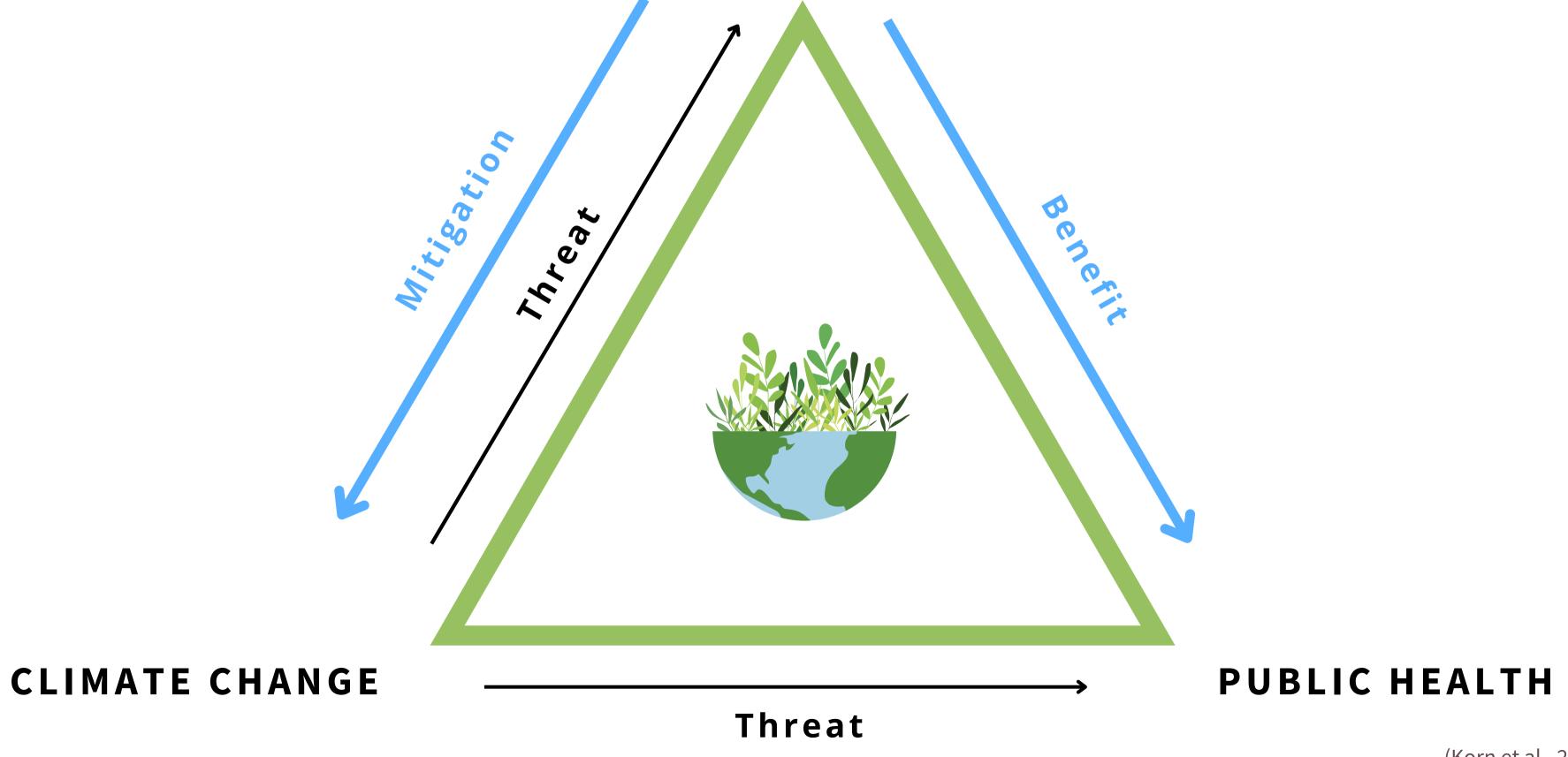
BIODIVERSITY

The genetic diversity within a species, the diversity among species and the diversity within ecosystems



Food Security
Ecosystem Services
Public Health
Mental Health
Spiritual Well-being
Intrinsic Value

BIODIVERSITY



MUNICIPAL POLICY

FORM AND ENFORCEABILITY

MUST BE CONSIDERED BY DECISION-MAKERS

OFFICIAL PLAN

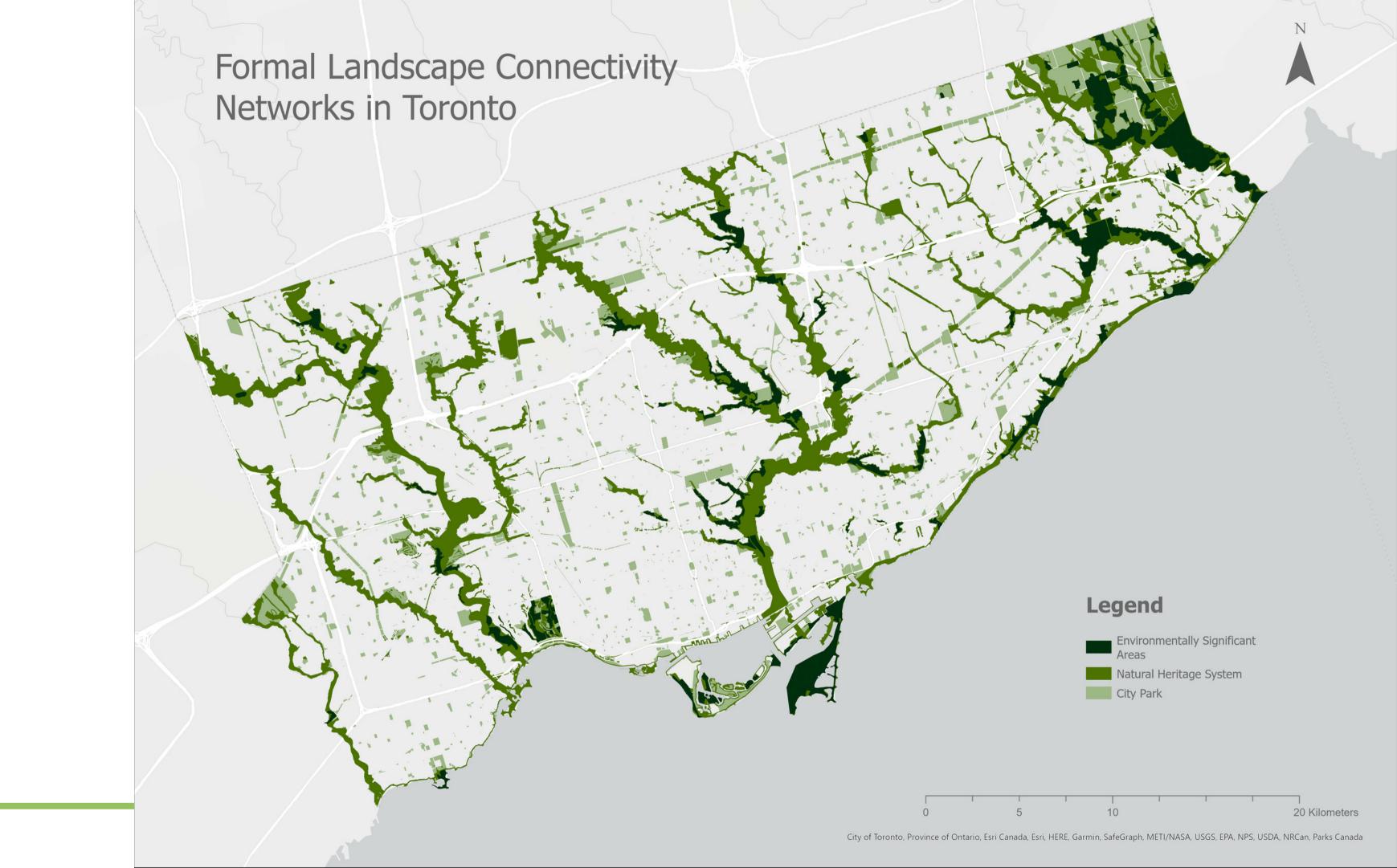
The objectives of the municipality and their goals are to meet the future needs of the community.

ZONING BYLAWS

Legally enforceable regulatory policies based on the objectives outlined in an Official Plan.

SECONDARY POLICIES

Can be utilized to report on findings and recommend action but they are not legally binding.







BYLAWS FOR BIODIVERSITY

Beth and Craig Sinclair and the Town of Smith Falls

"Until the bylaws change in all the 400 municipalities in Ontario, I don't feel very satisfied... We can restore so much with nature in our lawns."

-The Sinclairs (Ramlakhan, 2022)

FREE PUBLIC RESOURCES

BYLAWS FOR BIODIVERSITY:

MODEL BYLAW





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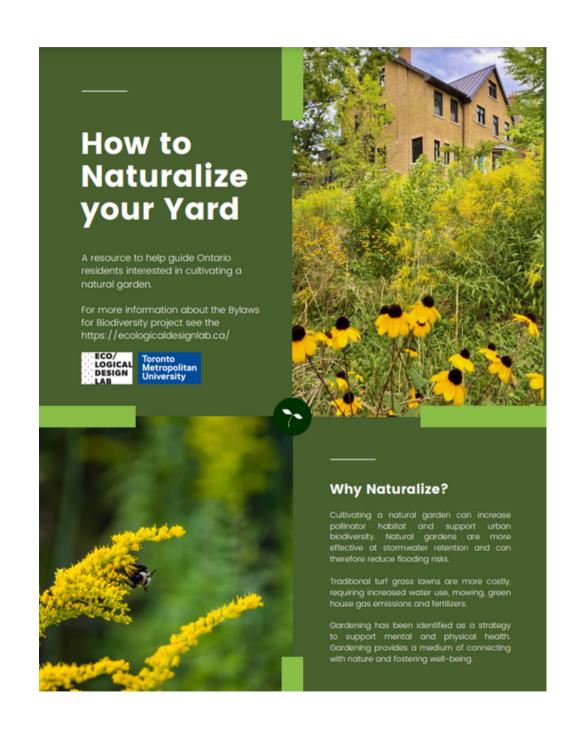


Frequently Asked Questions: What to Know When ReWilding / Naturalizing Your Lawn

A Community Resource Compiled by the Ecological Design Lab

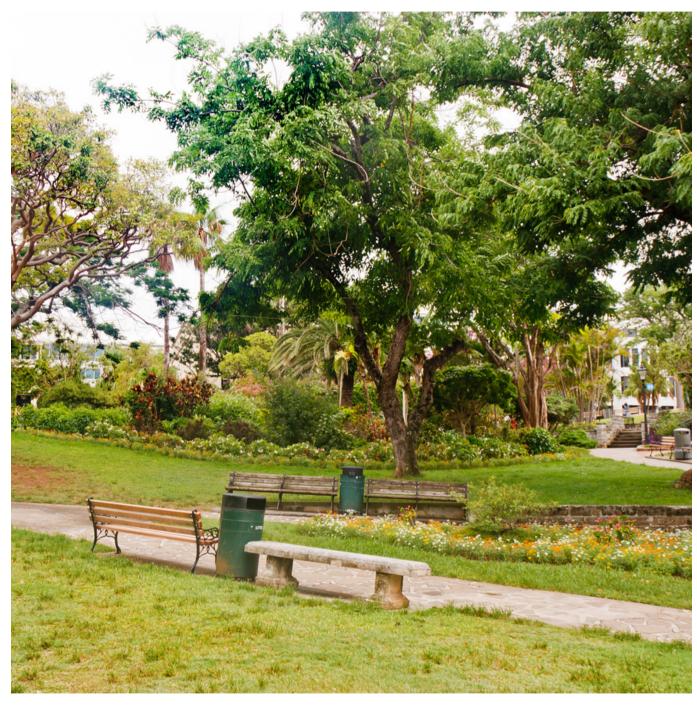


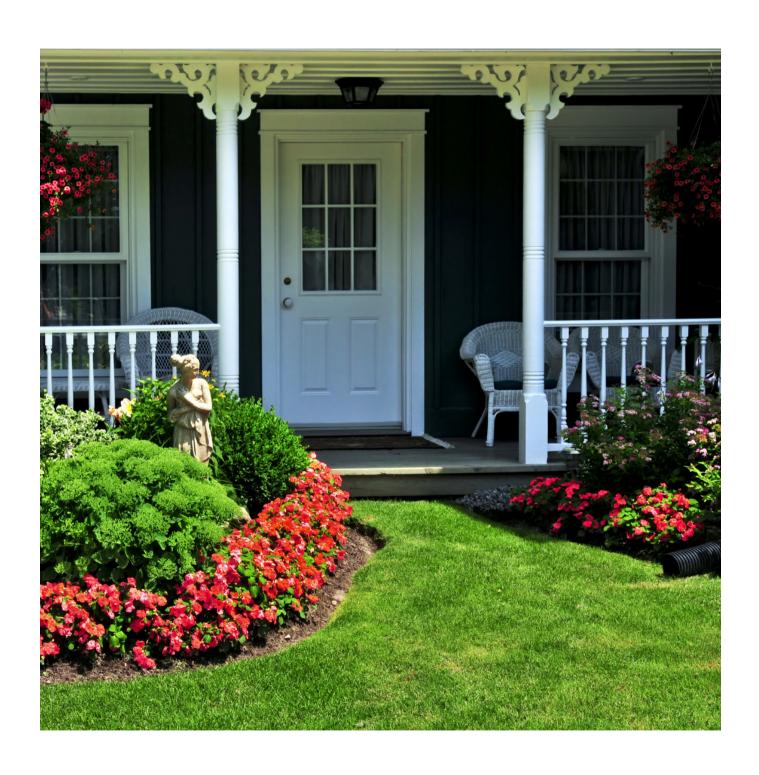


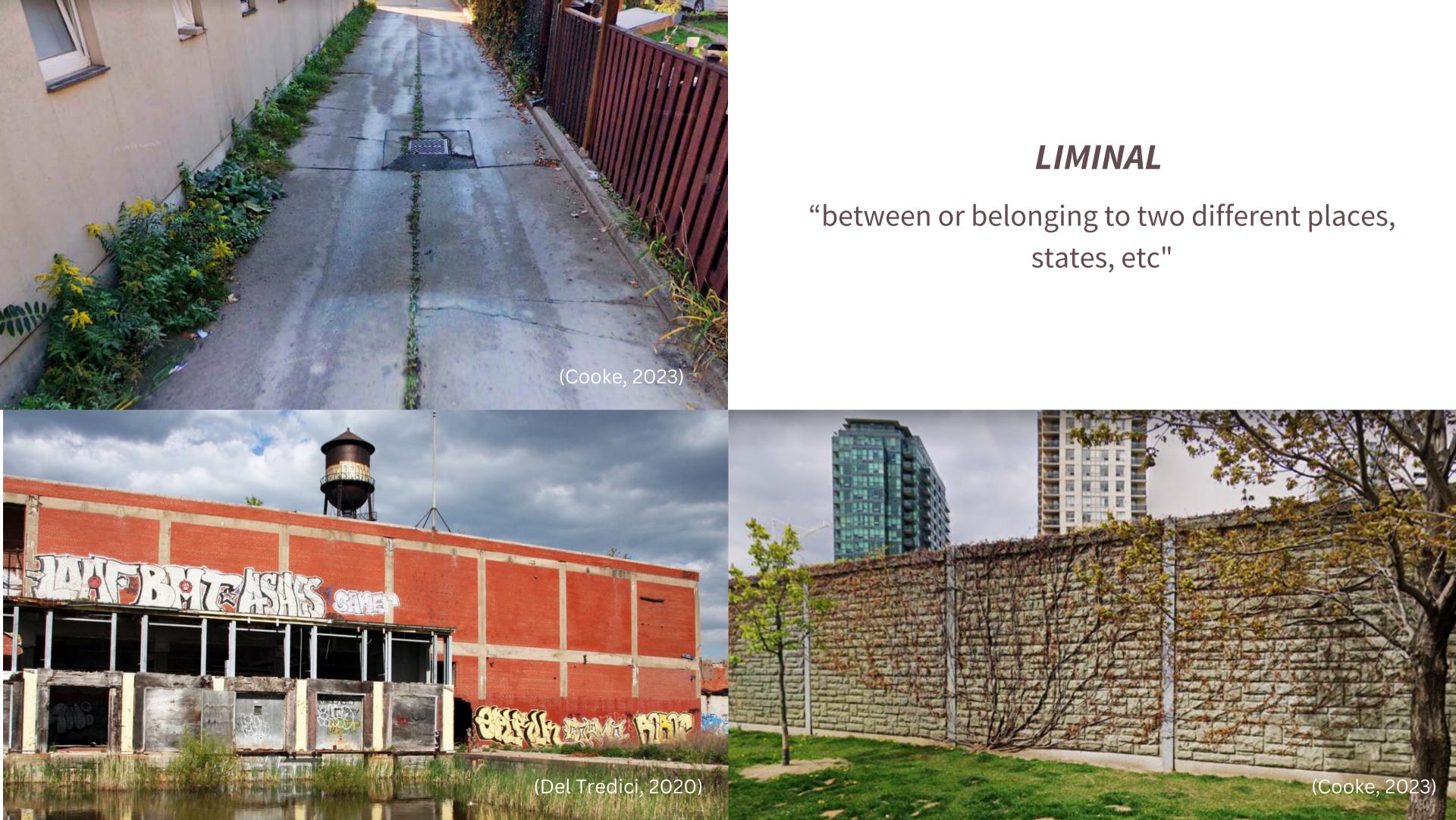


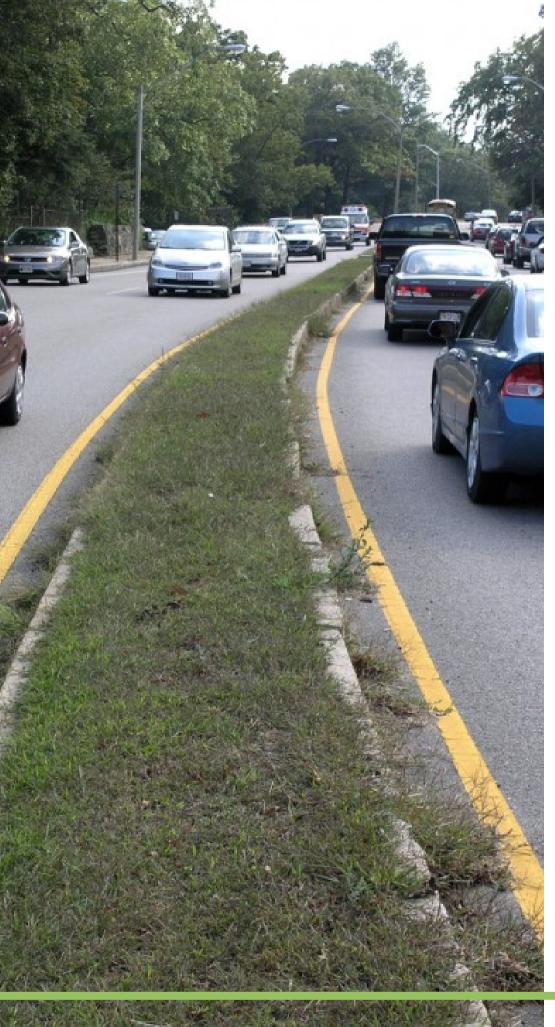
PUBLIC SPACE

PRIVATE SPACE





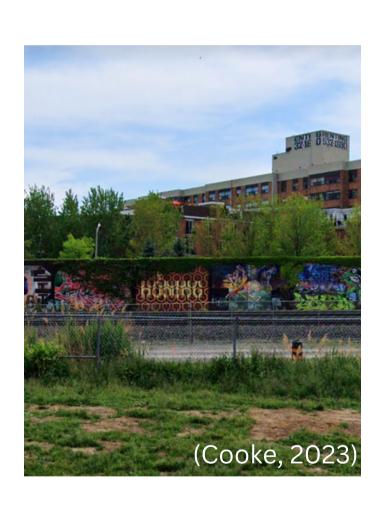




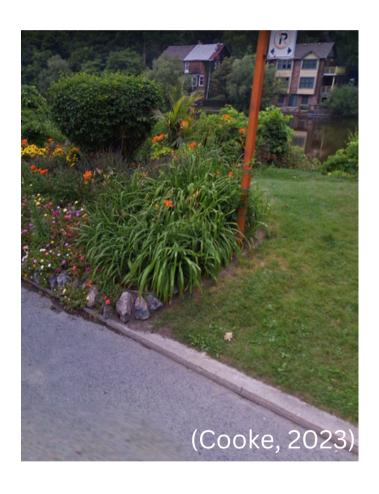
of the surface area of Somerville, Massachusetts was found to account for spontaneous, unmanicured which exceeded the city's parkland (Del Tredici, 2014)

LIMINAL ECOLOGIES: A LEXICON AND PRELIMINARY INVENTORY OF LIMINAL ECOLOGIES IN THE CITY OF TORONTO

BY AYLISE COOKE







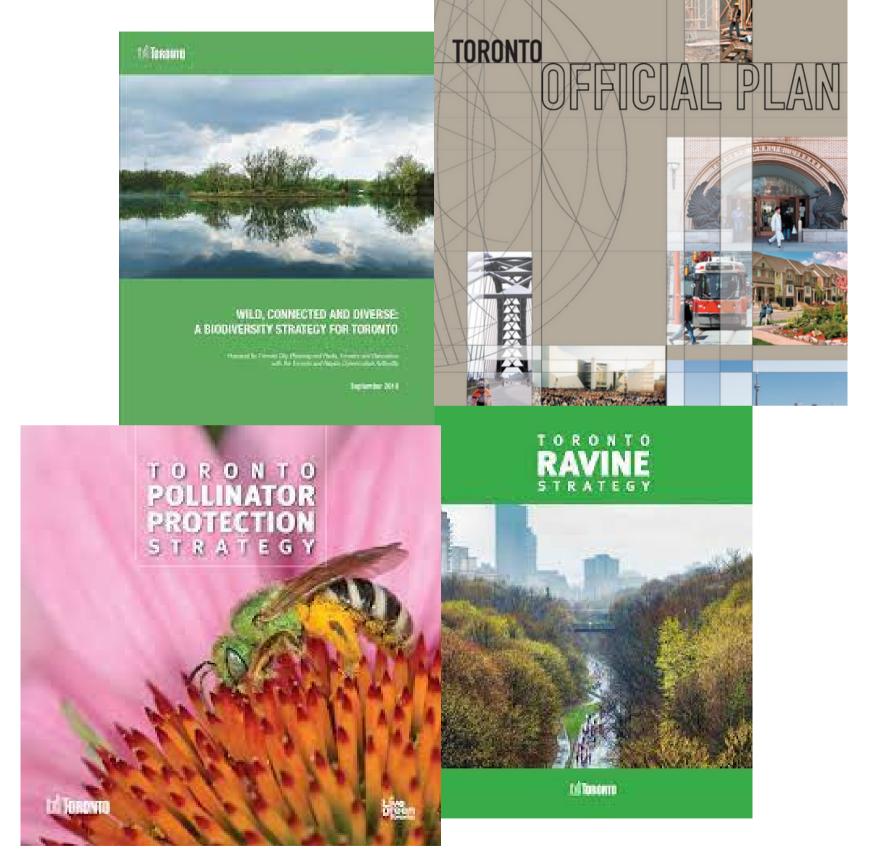


SUPERVISED BY NINA-MARIE LISTER
LORRAINE JOHNSON AS SECOND READER

POLICY REVIEW

Encourage municipal policy reform which:

- Increases the legislative capacity of policies that support urban biodiversity;
- Expands systems of valuing biodiversity present in this legislation; and,
- Extends the definitions of nature protected in the city to recognize liminal ecologies.



LEXICON



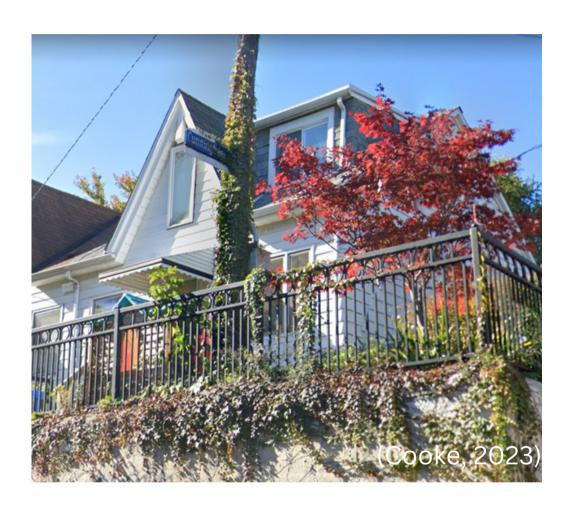
MICROSITE

Pavement Flora, Growth through the cracks of construction.



GAP

The physical space between buildings or fences. Alleyways and laneways are common examples of gap ecologies in Toronto.



STRUCTURAL

Integration into infrastructure, habitat that utilizes infrastructure as a foundation to grow, crawl and propagate.

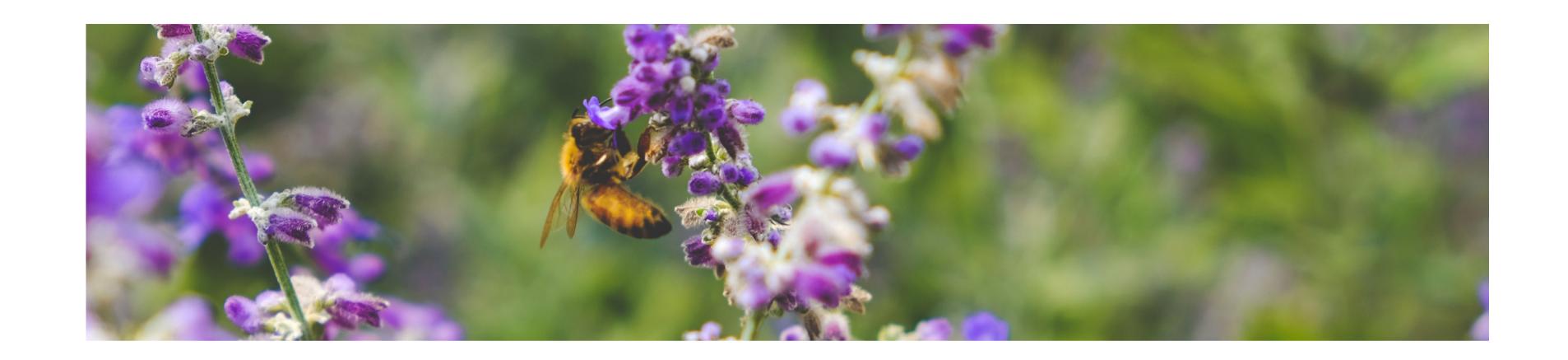
THE TEMPORARY AS A MEANS OF TRANSFORMATION





- Form of Community Empowerment
- Opportunity to question the status quo
- Means to reimagine the city and generate long-term solutions





THANK YOU!

Please see https://ecologicaldesignlab.ca/ to download any resources discussed in today's talk

REFERENCES

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FIGURE REFERENCES

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