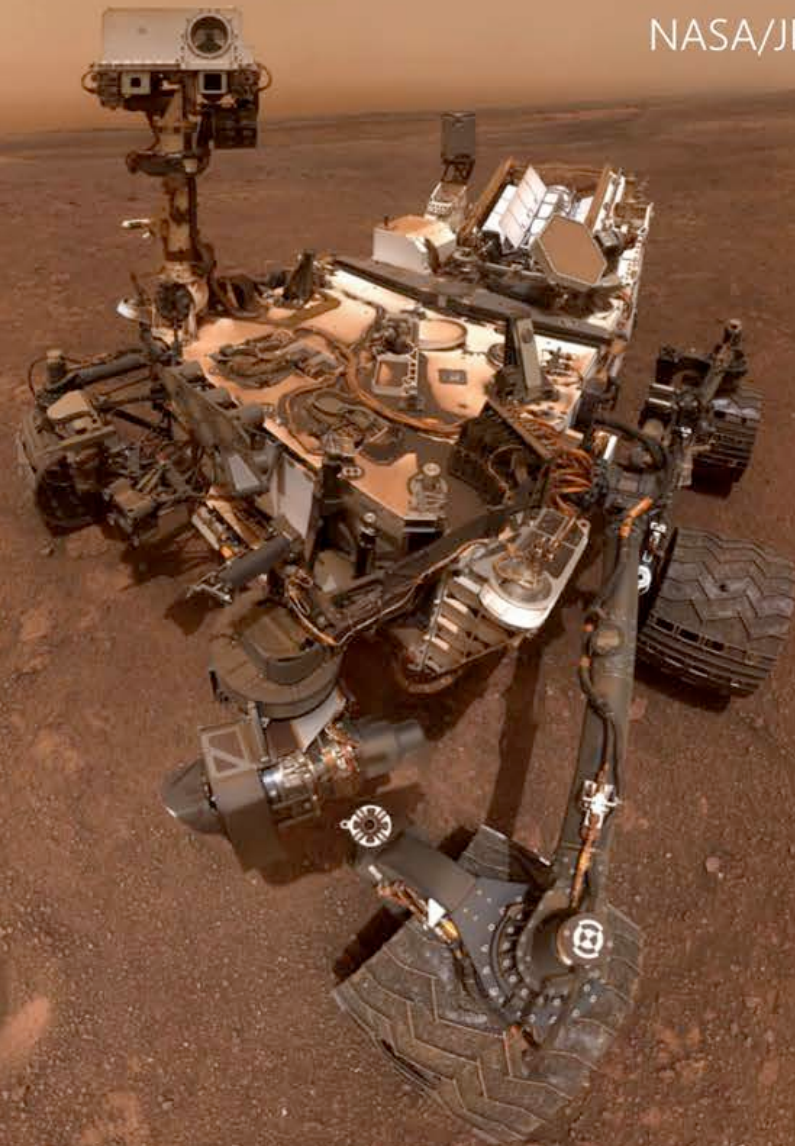


L. Adam (Akataka) Hopkins

Lunaapeew and Anishnaabe
from
Eelūnaapèewii Lahkèewiit



HEALTH SYSTEMS ON MARS?

ADAM HOPKINS, ALICE LIANG, KARINE QUIGLEY



Amazon Rainforest Fire Web source: Tennessee star

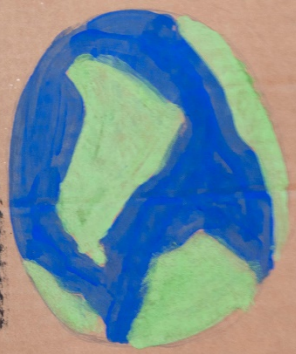


Clearcut #4 - Ed Burtynsky
Vancouver Island, British Columbia, Canada 2016

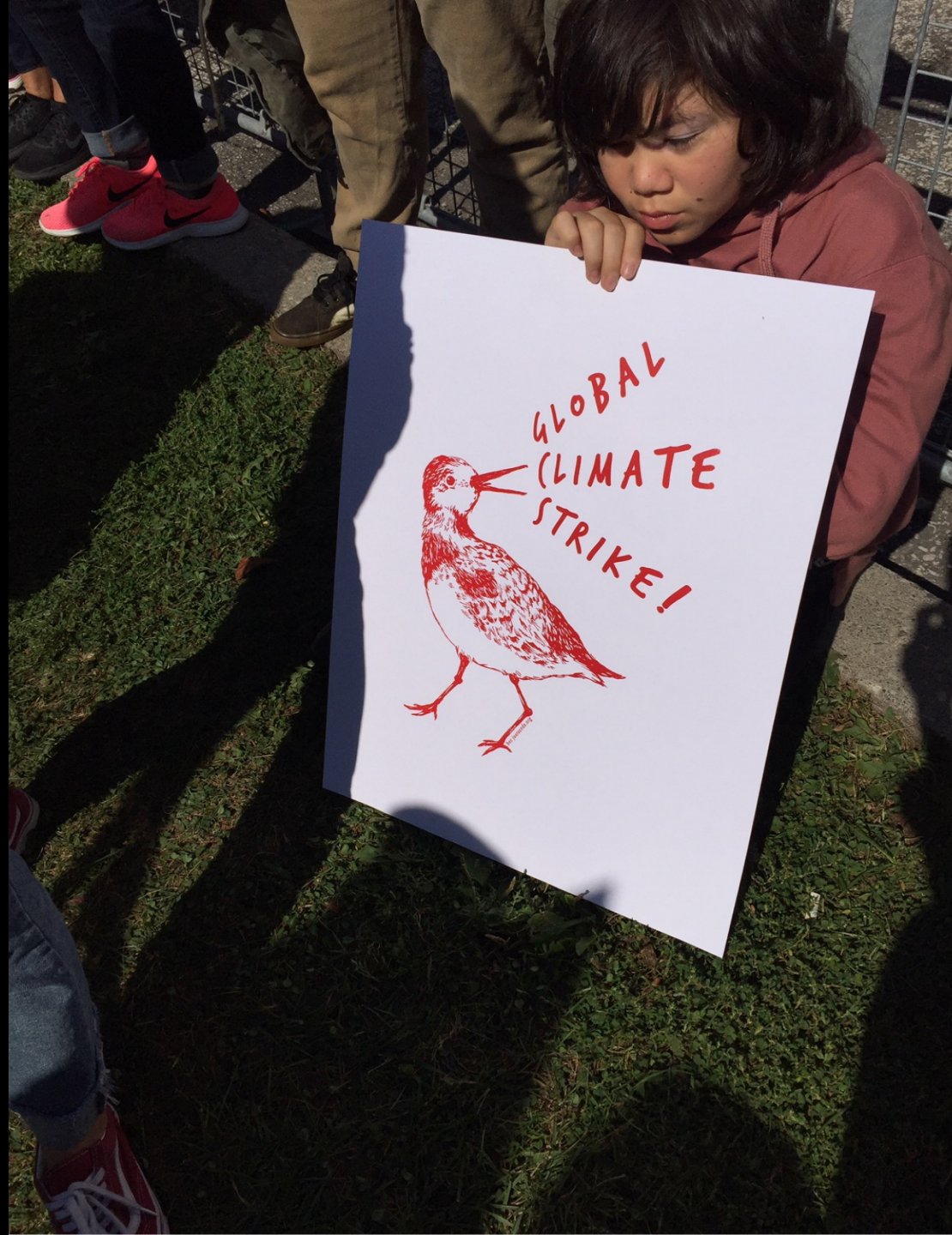


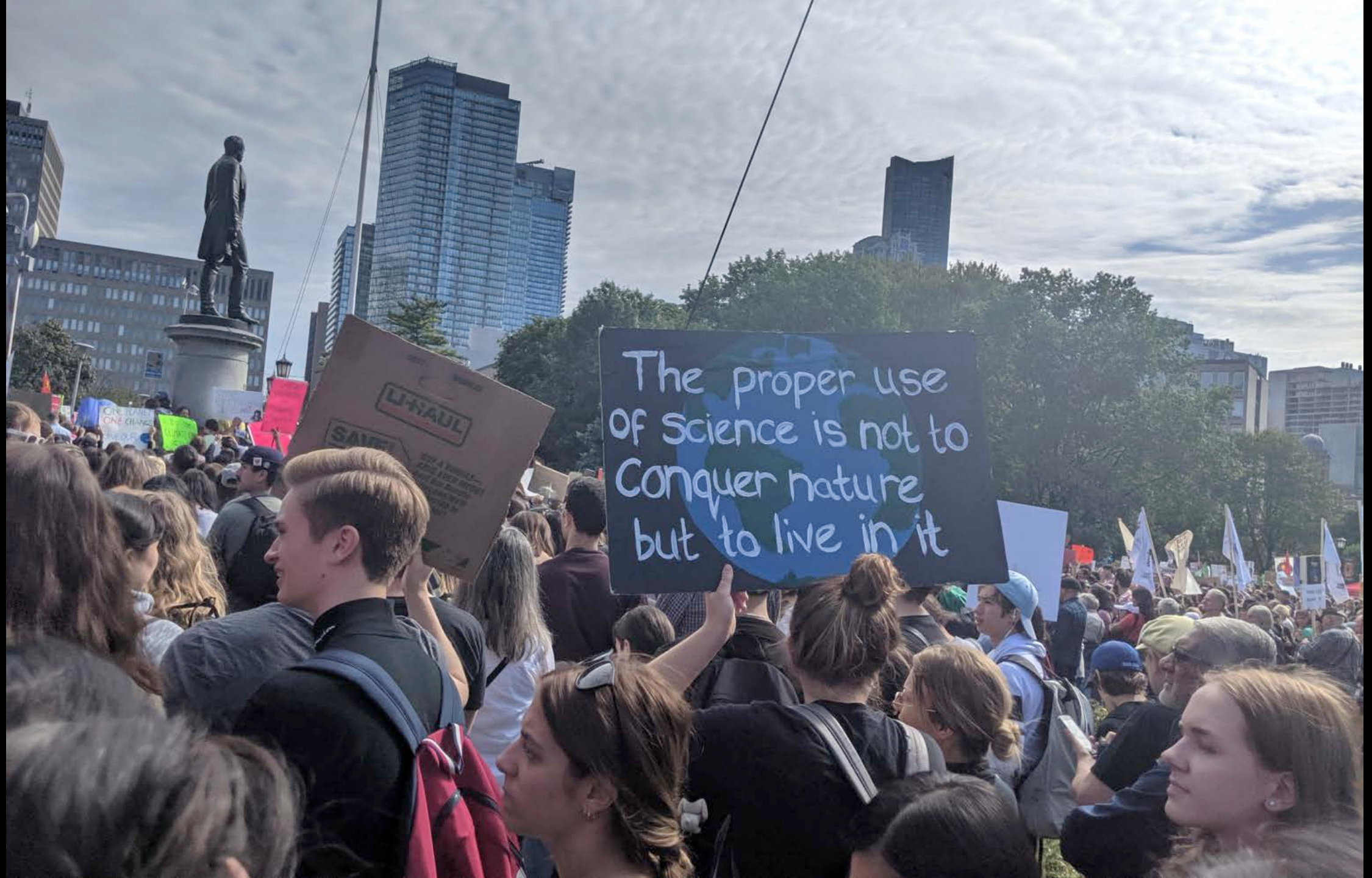
Tar sands mining in Fort McMurray
Dan Barns Photography/iStock

Climate Change is humanity's greatest threat in thousands of years – it could lead to the collapse of civilization and the extinction of much of the natural world... The message is clear, time is running out...
– Sir David Attenborough

THERE
IS NO 
PLANET B

THERE
IS
NO
PLANET B











Victory for the Water Protectors
Kent Monkman

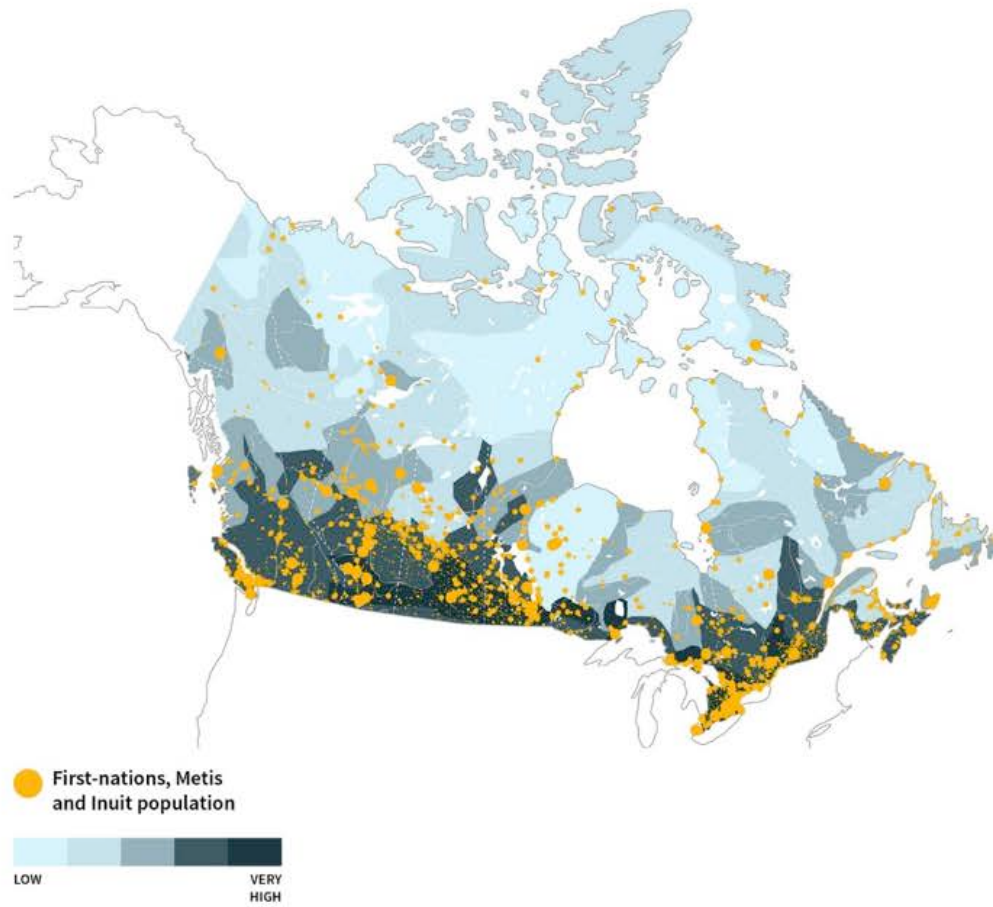
'KNEW' WAYS OF THINKING

POPULATION OF CANADA:
37 MILLION

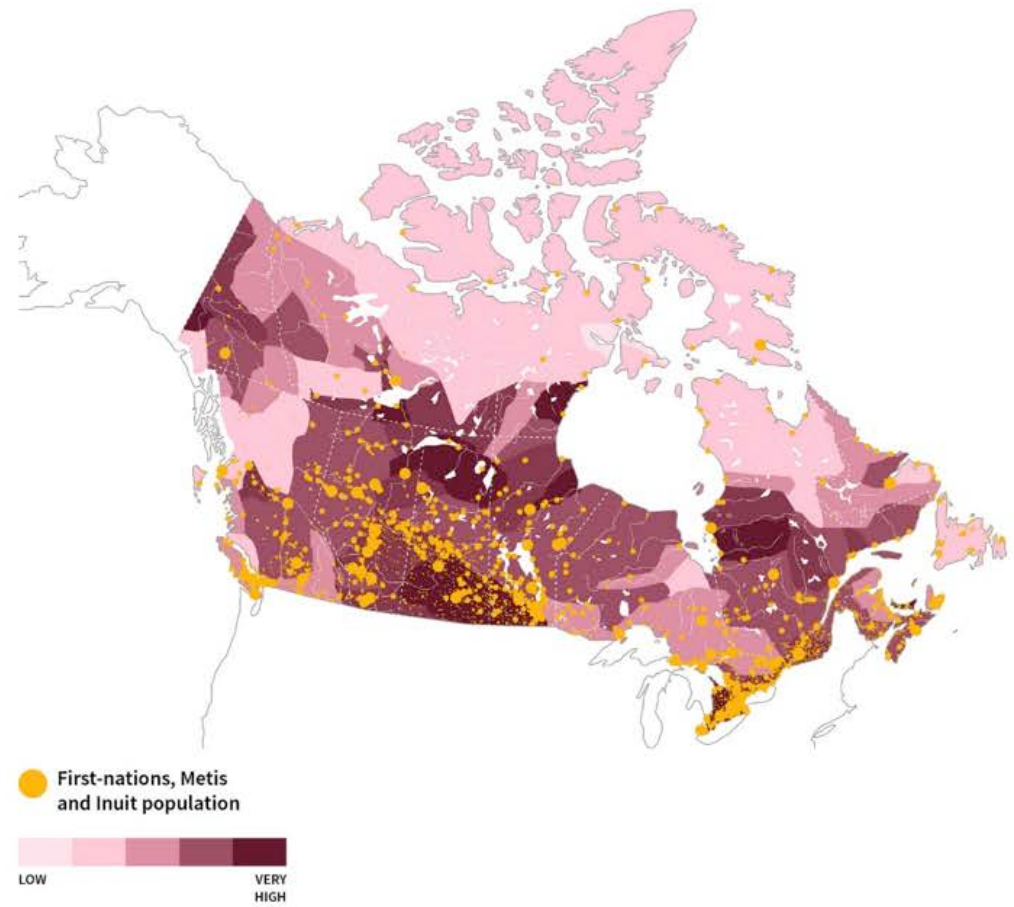
**POPULATION OF FIRST NATIONS,
INUIT AND METIS: 1.6 MILLION**

56% IN CITIES,
44% IN RURAL AREAS OR ON RESERVE

Water risk across Canada by watershed



Map of habitat loss across Canada



“Canada’s First Nations Indigenous people have long recognized that the **health of the environment and the health of the individual are intimately connected.** From a First Nations holistic perspective, health includes the **physical, mental, emotional, social and spiritual aspects.**”

– Assembly of First Nations

Indigenous perspectives reveal the **quiet hub of true ecological civilization, the ability to live well within the biological constraints of surrounding life, and its various processes.** These perspectives carry the teachings and wisdom of generating efforts with sustainable values, revealing the underlying interconnectedness and order of a vulnerable biosphere. It is the knowledge of the deepest spiritual teaching of indigenous civilizations about the **holistic kinship of all life forms that has survived and taken on new richness in the scientific world of modern ecology.**

- Sa'ke'j Youngblood Henderson



2013 for Peter & Susan A&A

Feast
Siassie Keanally

“Among the nations of the Haudenosaunee is a core value called the Seventh Generation... the Seventh Generation value takes into consideration those who are not yet born but who will inherit the world.”

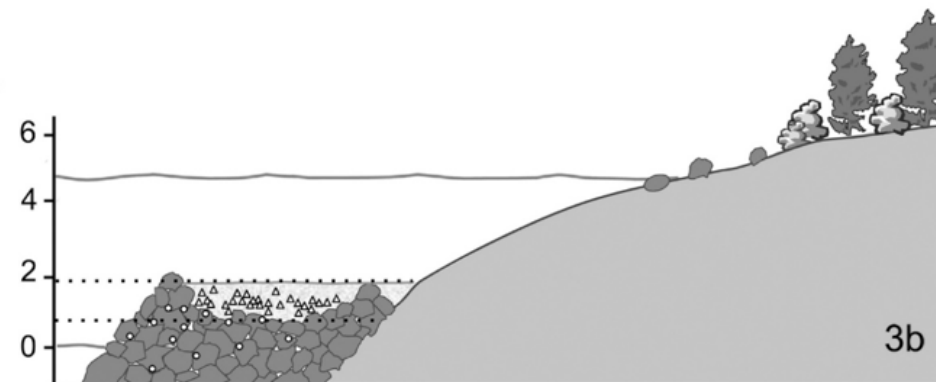
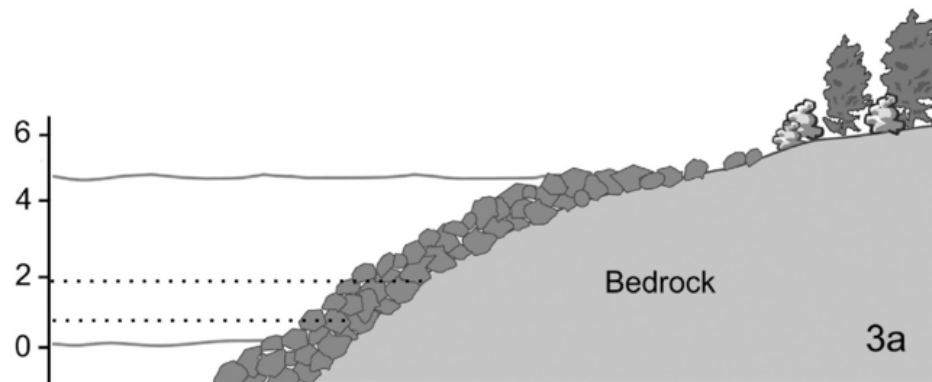
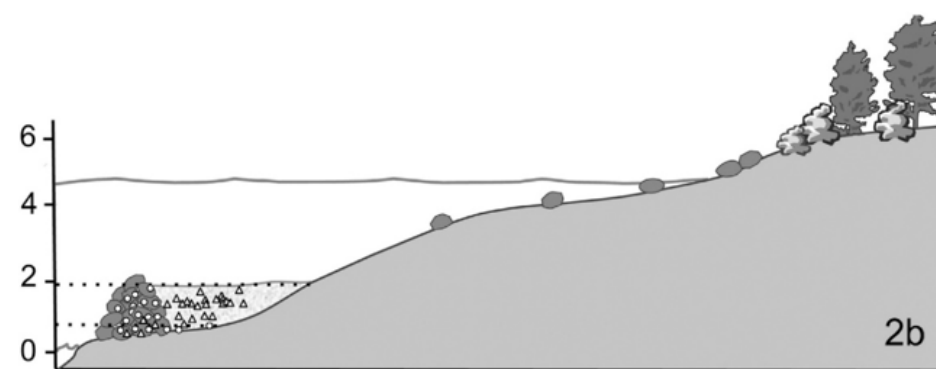
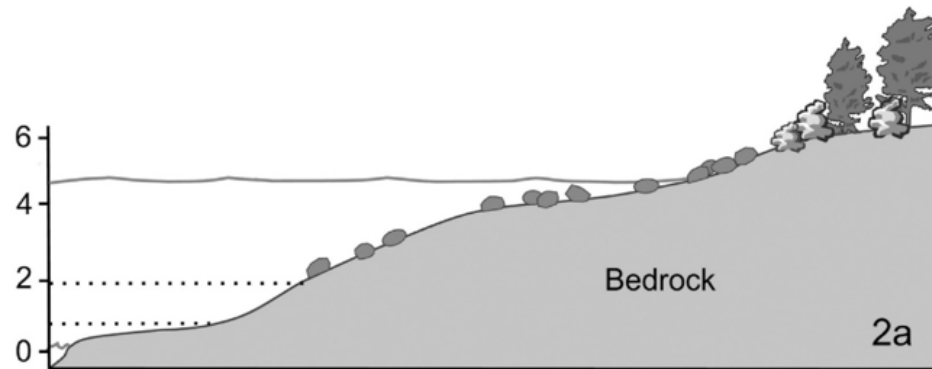
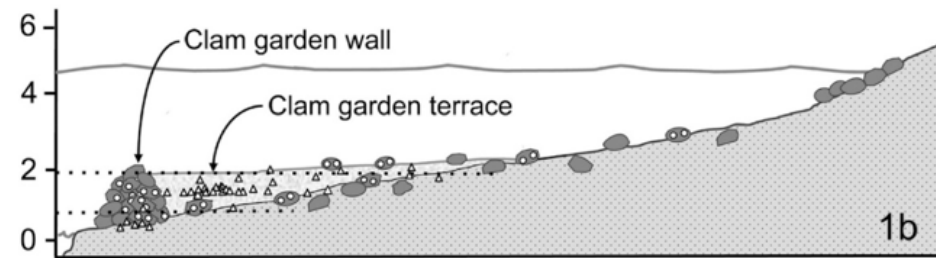
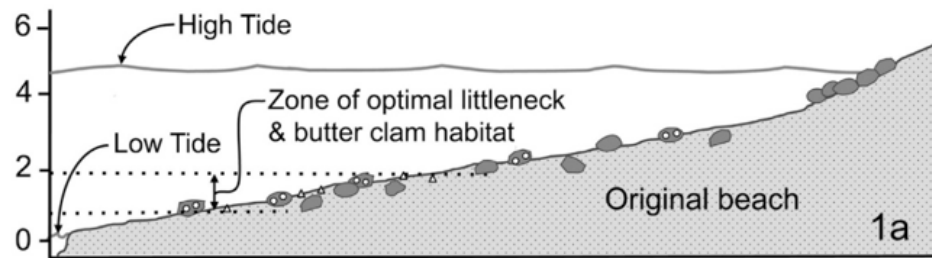
-Haudenosaunee Confederation

RECIPROCITY AND REGENERATION

1 CLAM GARDENS

FOOD SUSTAINABILITY AND SECURITY





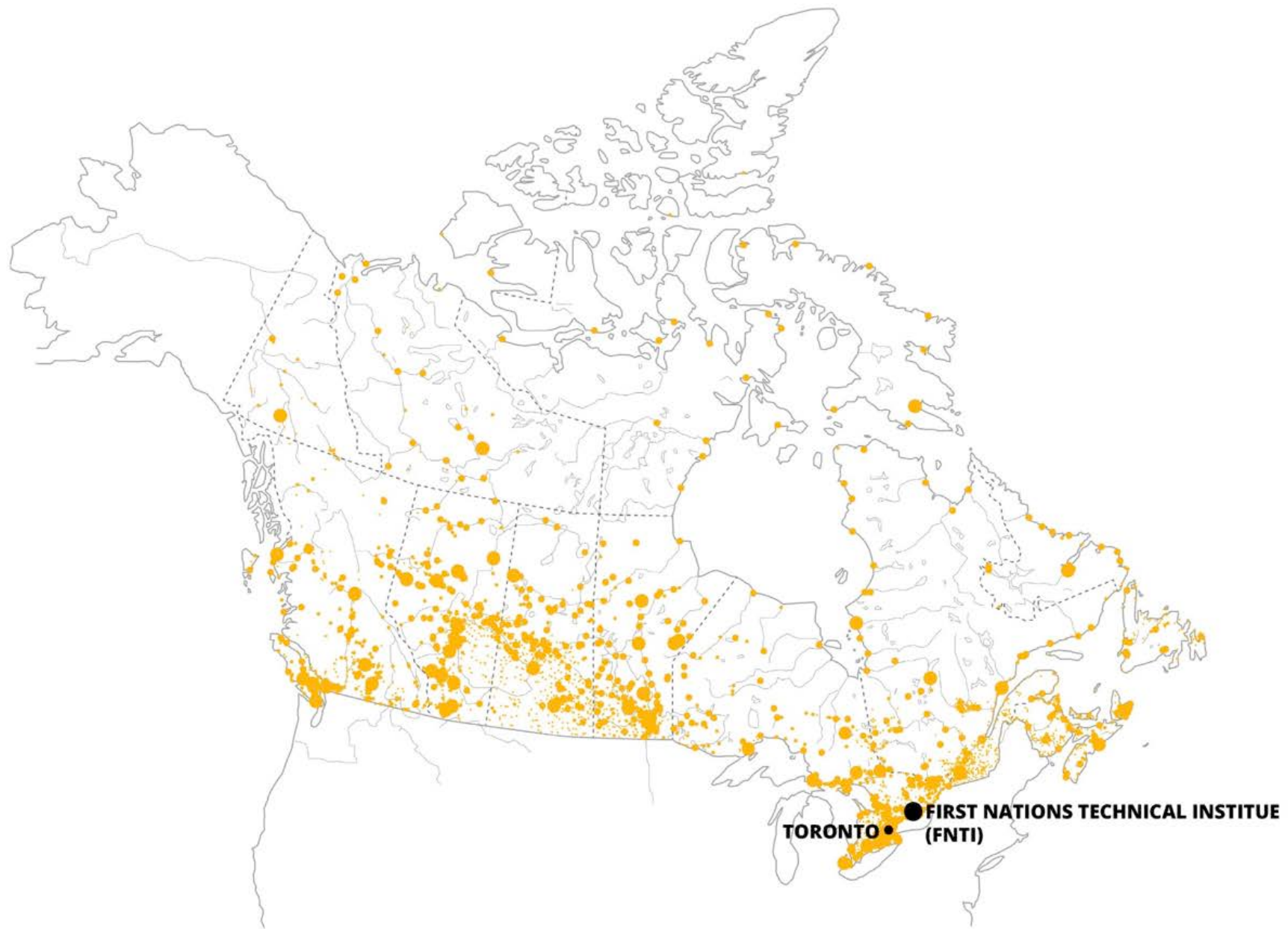
Legend $\triangle$ Clam or burrowing invertebrate (e.g., butter clam)
 $\circ$ Barnacle or other non-burrowing invertebrate (e.g., whelk, limpet)



PHILOMENA WILLIAMS
Hul'qumi'num Elder



2 FIRST NATIONS TECHNICAL INSTITUTE BUILDING AND LAND



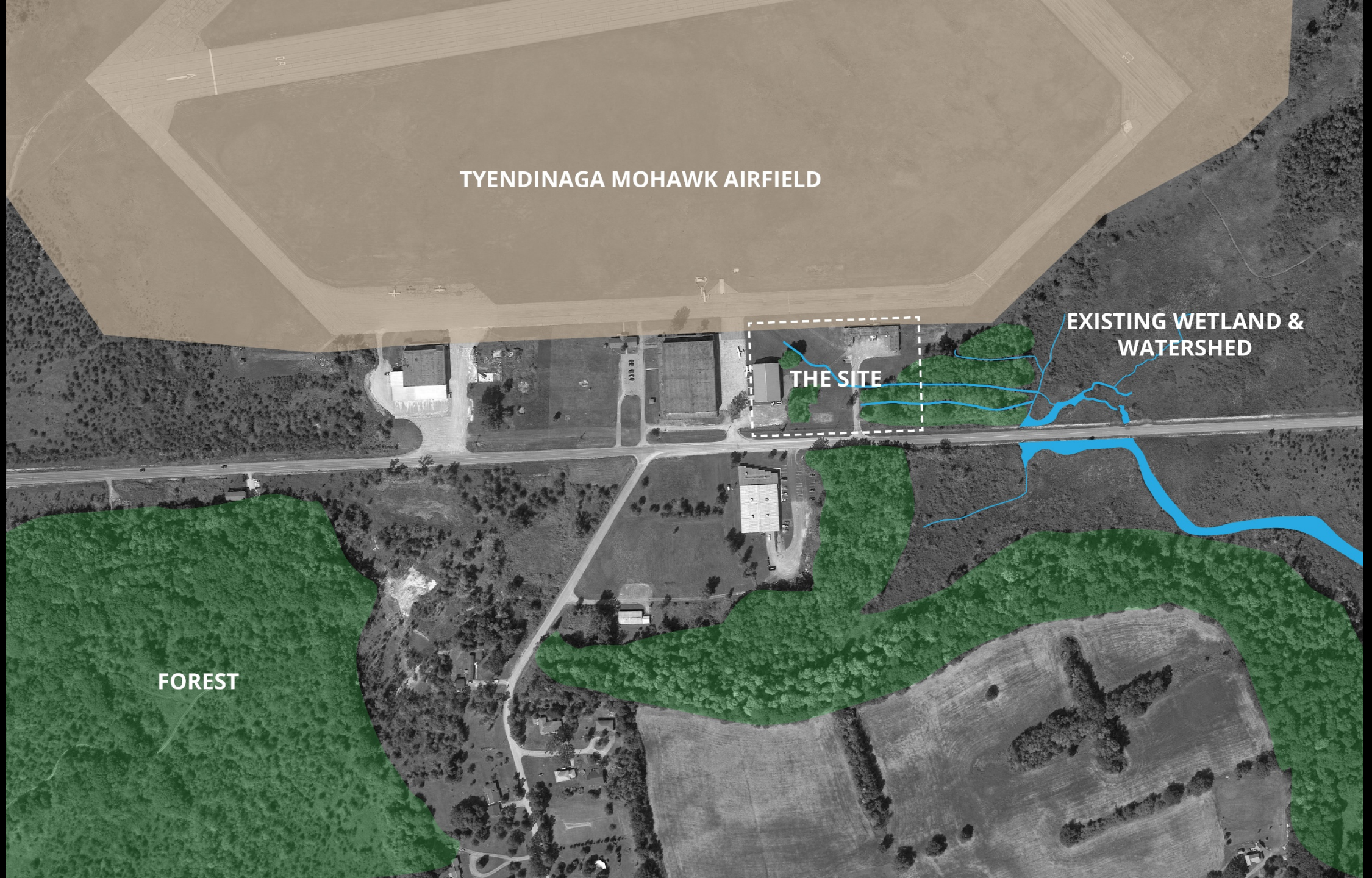
- **Indigenous Food Sovereignty and food-to-table Agriculture**
- **Community Economic Development**
- **Environmental Sustainability and Stewardship**
- **Social Enterprise and Entrepreneurship**

TYENDINAGA MOHAWK AIRFIELD

THE SITE

EXISTING WETLAND &
WATERSHED

FOREST



- **Respecting Existing Biodiversity; Flora and Fauna**
- **Regenerating the Landscape**









- **Low-Embodied Energy Timber Structure**
- **Passive Heating/Cooling & Ventilation**
- **Renewable Energy Generation on Site**







Nunavut (Our Land)
Whetung Knojuak