



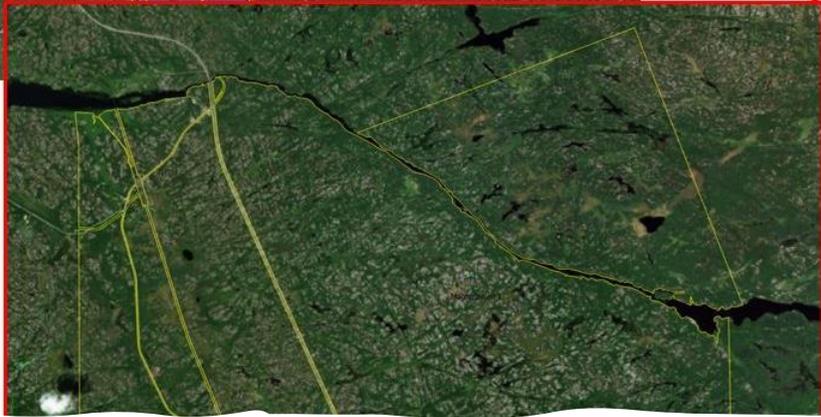
# Magnetawan First Nation Community Science Initiatives

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# Magnetawan First Nation

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**Alanna Smolarz**

Species at Risk  
Biologist & Program  
Coordinator



**Samantha Noganosh**  
Lands Manager



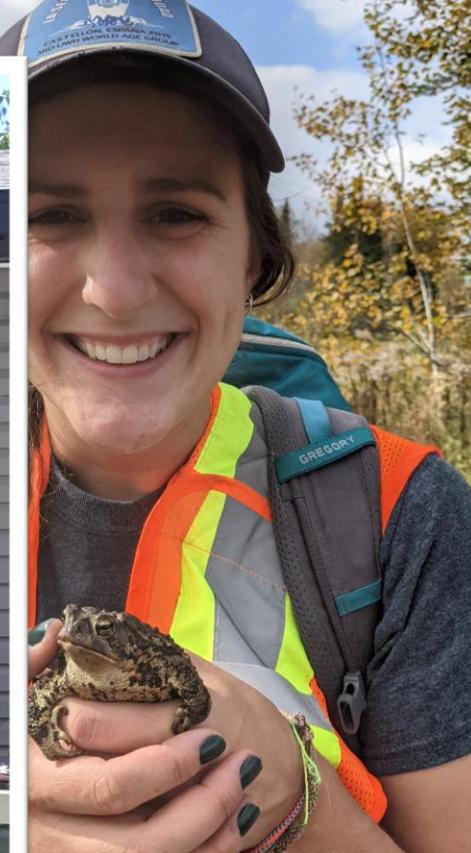
**Nadine Perron**

Conservation Biologist  
and Wildlife Specialist



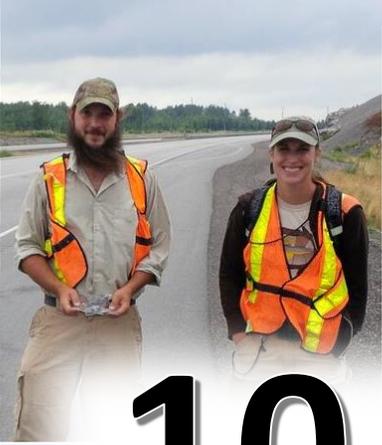
Alanna

Species  
Biologist &  
Coord

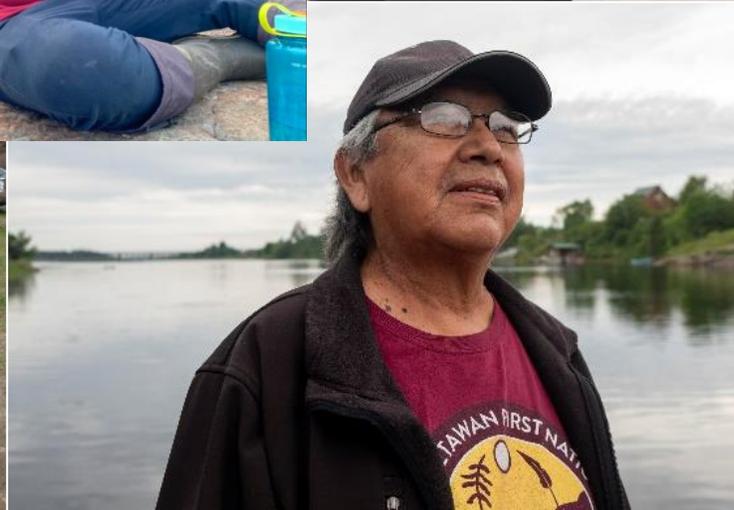
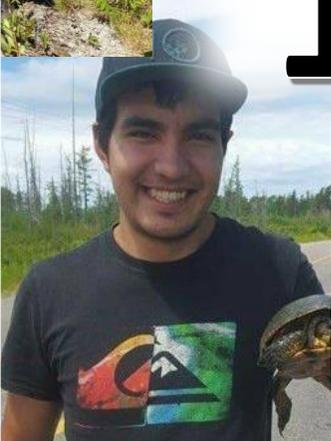


the Perron

tion Biologist  
life Specialist



# 10 Years!!!!





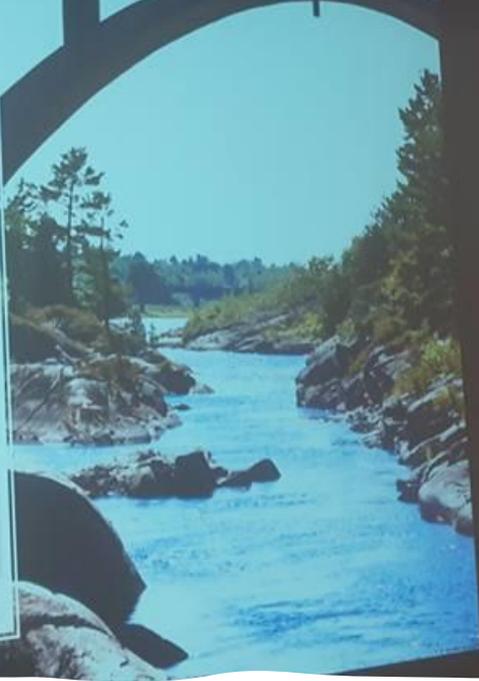
# Our Purpose

- Empowering our community to empower the land.
- Prioritize community values to guide the management of the land
- **Create Safe Respectful Space to Share Traditional Knowledge**
- Indigenous Science into planning, research and management
- Build capacity, identify risks to Indigenous communities, lands & resources vulnerable to climate change.



## What Do You Want in an LUP?

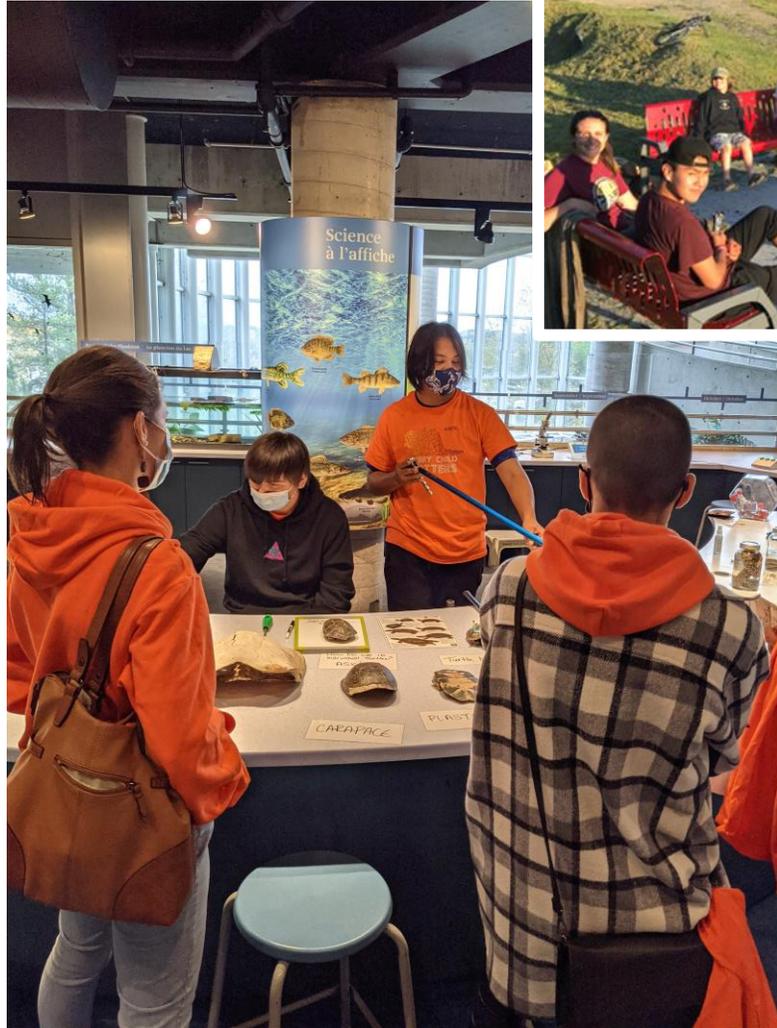
1. What is your ideal future vision for the Magnetawan First Nation community lands?
2. What do you think is important to include in the Magnetawan First Nation Land Use Plan?



# Traditional Land Use Plan

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# Outreach and education



2013



2018



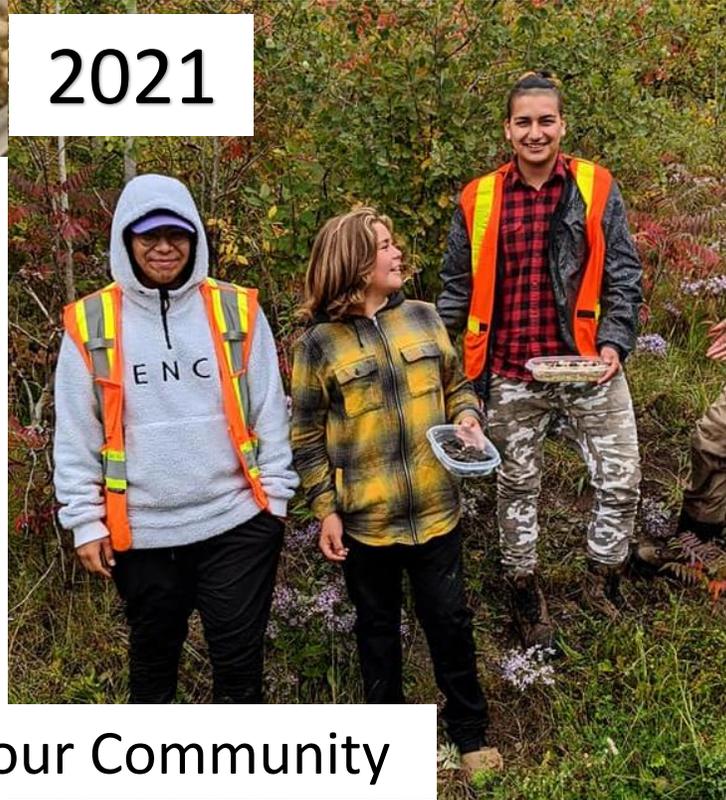
2022



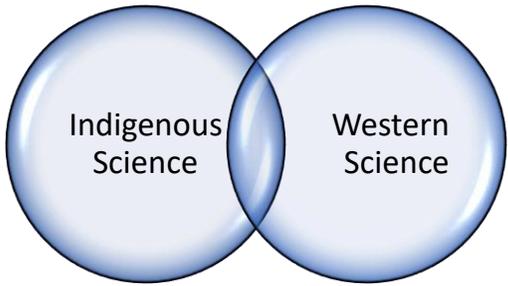
2014



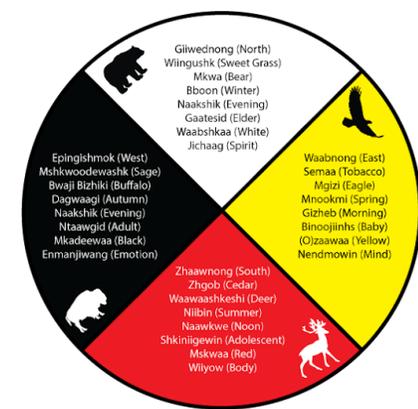
2021



Growing as a Department means Growing with our Community



# Two-Eyed Seeing



***It's taken thousands of years, but Western science is finally catching up to Traditional Knowledge***

- “In recent years, many scholars have become aware of the large body of information known as Traditional Knowledge (TK), Indigenous Knowledge (IK), or Traditional Ecological Knowledge (TEK), amongst other terms. These knowledge systems, developed over countless generations, are based on individual and collectively learned experiences and explanations of the world, verified by elders, and conveyed and guided experiential learning, and by oral traditions and other means of record keeping.”

- Relationship building
- Truth and Reconciliation
- Cultural Competency Training
- Respectfulness/Mindfulness
- Seven Grandfather Teachings

## **Weaving Indigenous and western knowledge**

“As opposed to having a researcher or NGOs going into our communities in order to conduct research on our lands, with only their own personal interests motivating them, what we wanted to see was a situation where the Indigenous community decides what needs to be researched and we identify the scholars that would help us do that,”

- Ms. Tremblay, who is *nêhiyaw* (Plains Cree)



@weavingknowledges

[www.weavingknowledges.ca](http://www.weavingknowledges.ca)

<https://www.universityaffairs.ca/features/feature-article/weaving-indigenous-and-western-knowledge/>

<https://theconversation.com/its-taken-thousands-of-years-but-western-science-is-finally-catching-up-to-traditional-knowledge-90291>



Indigenous Science

Community Science

# Community Science



Creating learning opportunities for community members of every age to participate, learn and connect with the Land



To pass on technical knowledge and skills to youth by supporting employment opportunities.



Ensuring time to connect with community and foster positive relationships.



Finding Innovative ways to reflect the values and priorities of the community



# Bioblitz

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- Tools available to accomplish an event like this
  - iNaturalist
  - Seek
  - Experts in the field



# Land Relationship Visioning Tool



Magnetawan First Nation hosted the Land Visioning Workshop this summer.

This tool is an exceptional way to build a department from the land up, while ensure community values guide the planning process.

• <https://youtu.be/f-PsD052DLc>



Questions?!

