

Can **community-based monitoring** support **Oneida ways of being** amidst **toxic harm**?

Embodied responses to UAVs may reshape **more-than-human relationships**

ohne:kanus: A Toxicology Monitoring Toolkit for Turkey Creek

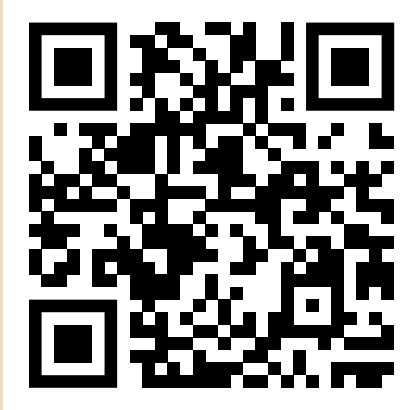
By Riley Watts
March 10th, 2025

Department of
Geography

In the Drone's Eye: An Autoethnography of UAVs, Power, and Community-Based Monitoring

Objective

Establish a community-driven framework for monitoring Turkey Creek in response to Green Lane Landfill.



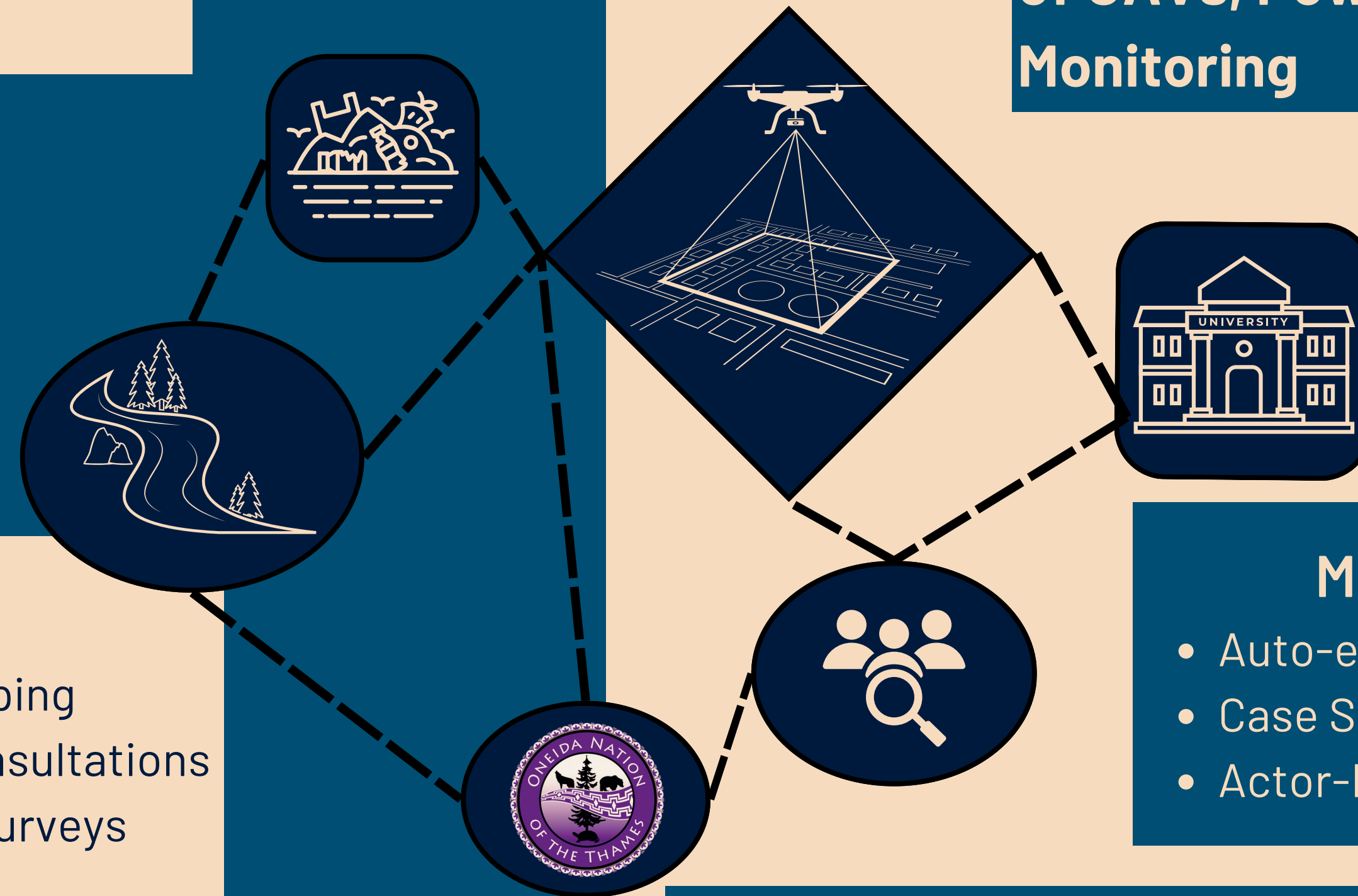
Maps and News

Methods

- Community mapping
- Clan Mothers consultations
- On-the-ground surveys

Outcomes

1. Map of **community values and risks** to those values
2. Preliminary monitoring framework for **water, sediment, and biota sampling**
3. Community concerns about **data sovereignty, security, and capacity**



Research Question

How can we understand the potential impacts of UAV use on power relations?

Methods

- Auto-ethnography
- Case Study Analysis
- Actor-Network Mapping



Learn More

Learnings

1. A **focus on macro-politics** in critical remote sensing literature leaves **micro-politics largely unexplored**.
2. On the micro-scale, power relations can be configured by the **embodied experience of seeing through and being seen by** drones.
3. The **visibility of drones** provides moments of **black-box disruption**, relationships left invisible by other remote sensing methods more tangible.