

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

2026-2027



**Learn more about
the team!**



Why it Matters

AI and machine learning are transforming environmental decision-making by enabling faster, smarter analyses, better predictions, and more efficient use of data. ITRC's new AI/ML project seeks to help professionals adopt these tools responsibly, for cleaner air, water, and ecosystems.

Barriers to Overcome

- Limited awareness of what AI/ML can do and how to use it.
- Policy and regulatory uncertainty.
- Cost and access to tools and expertise.
- Concerns over data quality, reliability, and trust.

How will we Overcome them?

- Develop educational materials & foundational resources to guide AI/ML use in environmental settings.
- Provide tools and knowledge to increase trust, reduce risk, and help regulators and practitioners implement AI/ML with confidence.
- Flexibly adjust content and scope to meet evolving needs of the environmental community.

**Learn more about
membership!**

