DAEAR CONSULTING, LLC

Sovereignty-Aligned Data Infrastructure & AI Systems

WHO WE ARE

We are a technical research and implementation lab specializing in Indigenous and community-centered data infrastructure. We design and deploy governance-aligned geospatial, AI, and cloud-based systems that embed consent, stewardship, and sovereignty directly into technical workflows.

Our work bridges policy and practice, translating data governance principles into operational infrastructure.

CORE EXPERTISE

Data Sovereignty Architecture

- CARE and OCAP-aligned system design
- Consent-aware metadata structures
- Governance-integrated database frameworks

Geospatial & Environmental Data Systems

- Remote sensing pipelines
- Land monitoring & resource management systems
- Multi-source environmental data integration

AI & Machine Learning Integration

- Ethical AI implementation frameworks
- AI governance protocols
- Applied machine learning for decision-support systems

Secure Infrastructure

- Cloud & hybrid system design
- High-performance computing workflows
- Data risk & exposure assessment

SIGNATURE ENGAGEMENT

Sovereignty-Aligned Data Infrastructure Assessment — A structured **6–8 week engagement** delivering:

Governance Gap Analysis	Identify misalignments between policy intent and technical systems
Technical Systems Audit	Review of existing data infrastructure and workflows
Risk & Exposure Review	Assessment of data vulnerabilities and sovereignty risks
AI Readiness Assessment	Evaluation of AI integration capacity and governance alignment
Implementation Roadmap	Prioritized, actionable steps toward sovereignty-aligned infrastructure
Executive Brief	Summary findings and recommendations for leadership

WHO WE SERVE

- Tribal Nations & Indigenous Governments
- Indigenous Research Organizations
- Environmental & Climate NGOs
- Academic Research Centers
- Public Sector Agencies

WHAT MAKES US DIFFERENT

“Many organizations develop governance frameworks. Few build the infrastructure that makes them real.”

We are technical implementers with deep geospatial and AI expertise, capable of designing scalable, sovereignty-aligned systems that endure.