

TERRATRUTH

Informing decision-making for land and water use activities

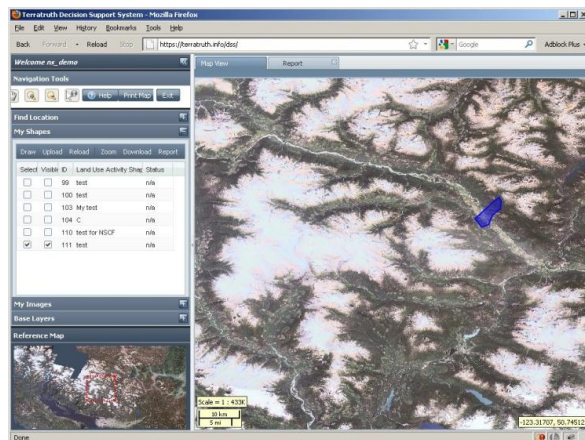
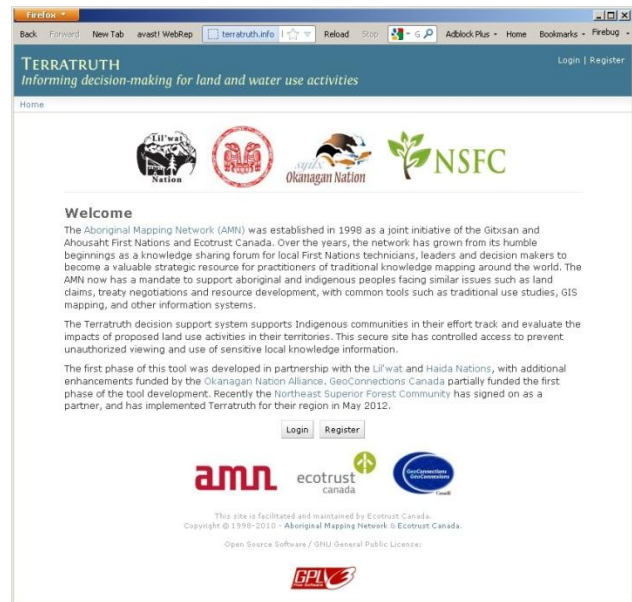
To support communities in their efforts to track and evaluate impacts of proposed land use activities in their territories

Features

- User authentication
- Data encryption (employs SSL)
- Customizable reporting
- Image rectification (i.e. rubber sheeting)
- Shapefile upload or creation
- Third party upload of proposed activity data
- Metadata management
- Export shape to Google Earth (KML)

Key Players

First Nations, industry proponents, communities, municipalities, land use planners



Advantages of Terratruth

- Enables accessible land use activity decision-making by multiple non-technical users
- Usable in standard web browsers
- Implemented through a collaborative partnership model
- Built on open source technology, resulting in low development and implementation costs

Current Partners

Haida Nation, Lil'wat Nation, Okanagan Nation Alliance, Northeast Superior Forest Community

Technology

- Django Web Development Framework (Python)
- PostGRES/PostGIS relational database
- OpenLayers - JavaScript library for displaying map data in web browsers
- MapServer - Spatial data visualization
- ExtJS (user interface widgets)
- All components built with open source software

powered by
**knowledge
systems**

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