



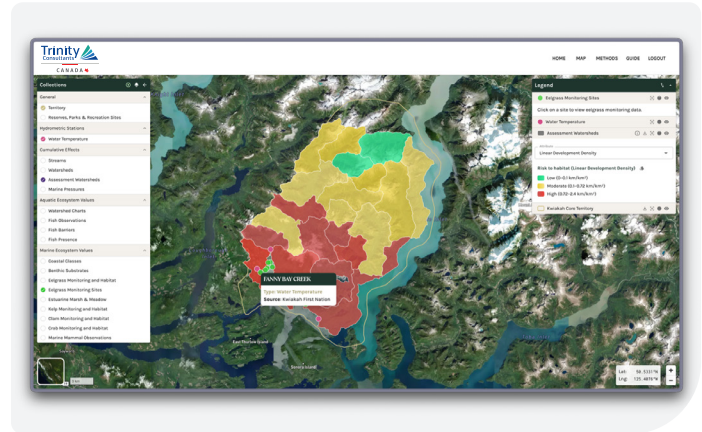
Trinity Consultants Canada is a leading environmental consultancy that brings together trusted advisors, scientists and engineers to help clients solve their most complex challenges. With deep local roots and the strength of a global organization, Trinity Consultants Canada delivers innovative, scientifically sound and future-ready solutions that help industry, government and Indigenous communities navigate complex regulatory landscapes, secure project permits and approvals to achieve better environmental outcomes. They are internationally respected leaders with decades of proven expertise in Water & Ecology, Environmental Health and Safety (EHS), Built Environment and Life Sciences.

Our Water & Ecology teams are recognized leaders in environmental assessment, permitting and monitoring, offering key services to sectors including renewables, mining, ports and terminals, marine shipping, linear development, liquefied natural gas (LNG), ecological restoration, municipal wastewater, energy, and forestry.

## Environmental Data Platforms

Trinity Consultants Canada designs and delivers secure, interactive web-based platforms that centralize environmental data, automate analytical workflows, and provide decision support for land and resource management. Our platforms integrate diverse spatial and temporal datasets, including cumulative effects metrics, hydrometric and water temperature monitoring, fish and wildlife observations, water quality, and remote sensing products, within accessible interfaces built for multi-stakeholder use. Applications serve as data management and analytical tools, monitoring and reporting platforms, and communication resources, with contextual documentation and visualizations that support informed discussion among technical teams, decision-makers, and community members.

Our applications are built using modern frameworks with high-performance geospatial capabilities. We offer both custom open-source platforms and Esri-based web mapping solutions. Our custom platforms operate independently of per-seat licensing, offering a scalable and cost-effective alternative for multi-stakeholder access. We tailor each platform to project specifications and client budgets, from lightweight analytical dashboards to full-scale, multi-year data management systems with real-time alerting, standardized reporting, and structured data governance. We have delivered platforms for First Nations, watershed societies, resource companies, and regulatory agencies with services designed to accommodate additional capabilities as programs evolve.



## Platform Services

- Data Collection & Management
  - Digital Field Data Collection, Photo Management, and Data Ingestion
  - Real-Time Hydrometric and Water Temperature Monitoring
  - Data Management Platforms with Automated QA/QC
- Analysis, Visualization & Reporting
  - Time-Series Visualization, Guideline Exceedance Alerting, and Automated Reporting
  - Spatial Data Integration, Vector Tile and Cloud-Optimized Raster Web Visualization
  - Interactive Decision Support Tools and Watershed Assessment Applications

### CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

**Trinity Consultants Canada | Water & Ecology**  
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