

Analytics + Engineering for Nature-based Solutions



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strategicsystemsengineering.ca

SERVICES

Water Resources Engineering & Natural Infrastructure

- Pipeline Analysis and Design
- Asset-level Flood Risk Analysis
- Floodplain Risk Analysis
- Reservoir Siting and Sizing
- Hydrology and Climate Change
- Biomass-based District Energy
- Watershed Planning and Management
- Ecosystem Services and Agricultural Beneficial Management Practices



GET AHEAD OF THE TOUGH DECISIONS

We specialize in building resilience in the face of climate change – in fact, we’ve built our business around it. Your jurisdictional challenge is unique and demands a solution tailored to what can, and must, work for you.

GIS + GEOSPATIAL ANALYTIC SERVICES

- LiDAR processing
- Digital elevation modeling
- Watershed analysis
- Hydroconditioning
- 3D geo-visualization
- Database integration
- GIS technical support
- Large-scale, high-resolution GIS

