

# Corporate Profile

## About Decarto Consulting Ltd.



Decarto Consulting Ltd. is a Geographic Information Systems (GIS) consulting firm offering a wide variety of GIS services to organizations in Ontario and throughout Canada. We perform trail mapping and assessment, trail planning, and other global positioning system (GPS) field data collection services, as well as offering GIS data hosting and web design consultation. Our company, based in Kingston Ontario, specializes in outdoor resource management: Assessing, mapping, cataloging, and displaying information about recreational trail systems, green spaces (parks, conservation lands, nature reserves, etc), and related infrastructure and points of interest. Our

scope of work is constantly expanding as we continue to build upon our exciting professional partnerships with landscape architects and planners, cemetery managers, software developers and not-for-profit organizations within the industry.

## Why choose Decarto?

### **We are economical**

Decarto Consulting offers you specialized trail GPS and GIS services at very competitive rates.

### **We have experience**

Take advantage of our years of experience mapping roads, properties, and trails in Canada, the United States, Portugal, Jamaica and Mexico.

### **We bridge the gap**

Our knowledge of trails informs our maps, and our knowledge of GIS keeps us informed on the trail. We bridge the gap between the office and the field to keep your trail work on track.

### **We become your specialists**

We strive to understand your unique trail and land management challenges, and we stay with your project from start to finish.

### **We work as part of your team**

We will work hand-in-hand with your land owners and managers, GIS departments, landscape architects and other contractors to get the job done.

### **We have the connections**

If you are planning trail construction and require estimates, quotes, and quality work, we can refer you to one of our highly respected professional trail-building associates.

### **We have the right tools for the job**

Your data is collected and processed with professional grade hardware and software. We use Trimble GPS data loggers with an accuracy of less than one metre, Ricoh GPS cameras and ESRI mapping software to provide you with the accurate, high quality data, maps, and photographs you need to manage your trails.



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# GIS and Trail Management



We understand the difficulties involved in managing a trail network. We see the tight budgets, overworked GIS staff, trail crews, and managers who know what to do but don't have the resources to get it done. We can help.

You might not need a GIS trail specialist on staff, but enlisting our services means you have the expertise when you need it. Our rates are affordable and our turn-around is fast. Let us focus on mapping your trails so you can focus on managing them.

## GPS Data Collection

Our Trimble GPS equipment is accurate to less than one metre, and can capture the minute details of your property and nuances in your trails.



Along with our knowledge of trail construction, our field equipment allows us to log characteristics such as tread width, surface material, trail condition, sustainability factors, hazards and other attributes included in the Ministry of Natural Resources data standards.

We also record georeferenced and compass oriented photos, as well as points of interest related to your trail networks.

## Data Processing

After trail data is collected, it is post-processed and analyzed using professional GIS software.

We meticulously review each segment of trail data to ensure the integrity of the information collected, and to enforce proper network connectivity. We can incorporate your GIS or CAD data into our maps, or project and format the data layers for integration into your own GIS or CAD systems.

We also partner with Land Information Ontario (LIO) so you can promote

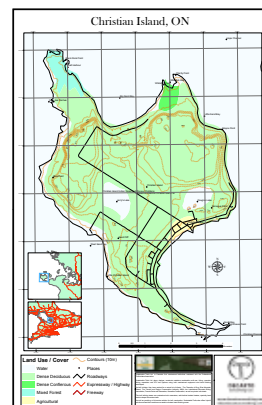


your trails by adding some or all of the data to provincial archives at no additional cost.

## Printed Maps

Decarto Consulting provides you with printed maps to fulfill your trail planning and signage needs.

For the office, we produce customized maps for planning sessions and presentations, or artistic maps to frame or hang on the wall.



For the trails, we produce, interpretative maps, trail head maps and on-trail signage, pocket maps, pamphlets and map booklets.

## Digital Maps

Decarto Consulting pushes the envelope in the realm of digital cartographic products.



We develop custom 2D and 3D web mapping applications with Google Earth/Maps, or Adobe Flash for integration onto your web site.

Or you can host your data on our dedicated internet mapping server. Login to explore your trails in 3D, quickly retrieve information on a trail segment, monitor your trail projects or present information to your peers.

For samples, demonstrations, and more information, visit: [www.decartoconsulting.com](http://www.decartoconsulting.com)

Decarto Consulting Ltd. was formed in Kingston, Ontario in 2009 in response to the growing need for affordable GIS services in the outdoor resource management sector.

## Are your trails assets?

A properly managed trail network helps your community by attracting locals and tourists, positively affecting public health, providing alternate transportation routes, and increasing property values. Capitalize on this through public education, maps, and trail signage.

## Are your trails liabilities?

Neglected or poorly designed trails are economic and legal liabilities. Such trails require constant maintenance and pose a danger to trail users. Mitigate risk by performing a trail assessment, warning users, and working towards a master plan that includes permanent fixes.