

Outdoor Recreation Inventory Online

The Project

British Columbia has a multitude of recreation resources, trails and recreation sites. It is the responsibility of Forest Service Recreation (Ministry of Forests) and Archaeology and Recreation Section (Ministry of Sustainable Resource Management) staff to develop, coordinate, and maintain an inventory of the provincial forest recreation resources. These include recreation sites, trails, visual landscapes, recreation features, recreation opportunities, and recreation facilities.

In an effort to manage and use this data more efficiently, and have a presence on the Internet with specific reports and maps, the ministry contracted Pacific GeoTech Systems Ltd. to develop and launch the "Outdoor Recreation Inventory Online" (ORIO) web-based application. The vision was to create an information portal that brings a whole new level of geographic services to the public.

The website would allow citizens to access recreation spatial information and meet the government's mandate of better serving the public.



The Solution

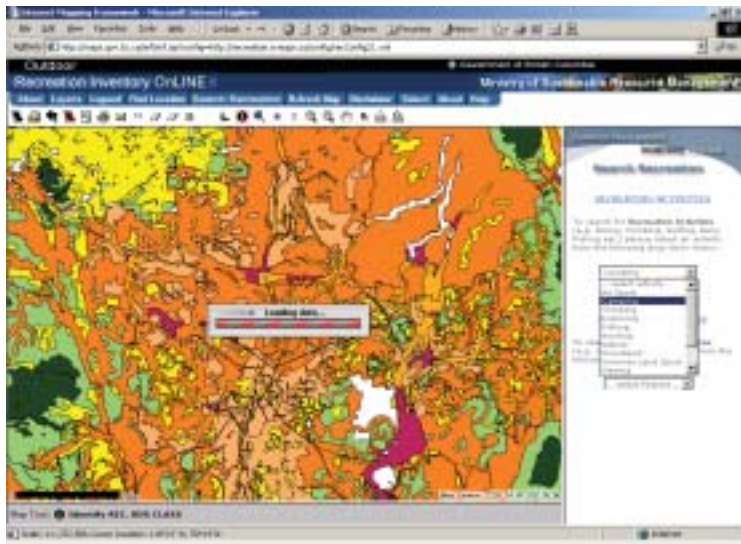
Pacific GeoTech Systems designed, developed and implemented **ORIO** — a powerful GIS web-based application.

ORIO allows users to locate and obtain details about selected recreation sites and trails online through a standard web browser. This application creates smart maps directly from live GIS warehouses.

Of particular interest is the information available about recreation activities and features, which allows the public to find out about trail network locations, recreation site activities, types of resources available, amenities and facilities at the sites, and what activity opportunities await them.

Public or Ministry users can create thematic maps, search and locate recreation trails and sites easily or carry out queries based on a particular recreation activity, such as fishing, hunting, hiking etc.





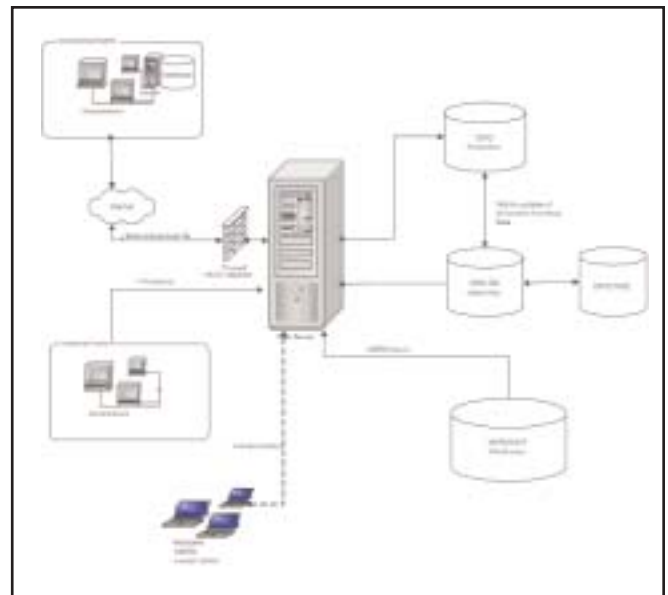
The Results

The **Recreation Resource Inventory Online** application has become a valuable resource for tourists and the public to identify up-to-date recreation opportunities, find out about site resources, and make travel and recreation plans. The fact that the application is web-based makes it accessible from anywhere in the world by anyone who has Internet access and a standard web browser. Behind the scenes, the application provides a convenient and high-level tool for Ministry staff and others involved with land use.

The Technology

The Outdoor Recreation Inventory Online uses the following technologies:

- Java, XML
- Oracle 8.1.7, ESRI SDE 8
- ESRI ArcIMS 3.1



For more information on Recreation Resource Inventory Online or any other Pacific GeoTech services, please phone or email us.