### Introduction

### Milliamson Consulting provides

custom mapping, plotting and analysis of spatial data. We are experienced in digitizing, data conversion, management and analysis. Our clients include forest land managers, private landowners, corporations and government agencies. ESRI (Environmental Systems Research Institute) is a well-recognized leader in the GIS (Geographic Information Systems) community. We have chosen to ally



ourselves with them by becoming business partners. This alliance facilitates our goal to stay at the cutting edge of technology. ArcGIS is an outstanding software suite

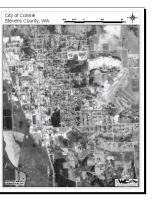
that is capable of performing an extraordinary number of GIS tasks very well. Our staff is well versed in many aspects of ArcGIS and we pride ourselves on our ability to provide our clients with the best possible products, economically. ArcGIS is now focused on the leading edge software of ArcMap, ArcCatalog, and ArcToolbox as well as ArcExplorer, the free data viewing tool. In addition to these current components, we continue to work in and maintain our knowledge of the ArcInfo Workstation environment including Arc prompt, ArcEdit, ArcTools, and TIN. We also maintain skills in related areas including Microsoft Access Databases, Geo databases, Visual Basic, Arc Macro Language, and Avenue.

### Services

#### **Custom Maps and Graphics:**

We can provide custom maps and graphics of virtually any size from a large range of data sources to suit

a wide range of needs. Maps may be used for navigation, to inform, to persuade, to show business, political or resource boundaries, or to simply document the current status



of spatially distinct features. Map and graphic sizes can range from wall size to business cards, they can be part of a report or document as a partial, full or fold out page.

**G.P.S. Data Conversion:** G.P.S. data can be converted to a large range of file formats. Whether you have existing G.P.S.



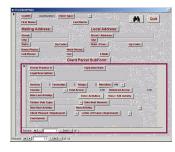
data or need G.P.S. data recorded, we can convert that data to any GIS format and map your information along with other information to give it a useful

context. Mapping G.P.S. data on top of orthographic imagery is very popular as it provides a wealth of information in a very compact and usable form.

#### **Data Development and**

**Analysis:** We are experienced in spatial database and data management, analysis, and conversions.

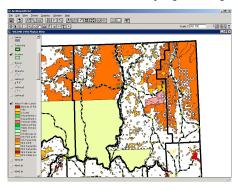
We actively maintain a knowledge of current data formats and sources.



#### **Reseller / Developer of ESRI's**

**Products:** We are an authorized reseller and developer for ArcView. We will also install and maintain ArcView on your system, and help familiarize your staff with the software so that you can benefit fully from ArcView's capabilities. We can also assist with the installation and staff training of ArcExplorer, a free GIS data viewer available from ESRI.

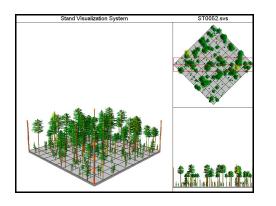
**Custom Programming:** We can create custom interfaces and programming



for ArcView in Avenue and Visual Basic. If you need custom interfaces or start up scripts for ArcView, we can work with you to create a product to maximize the efficiency of your work environment.

#### Landscape Management System

**(LMS):** (A University of Washington, Silvicultural Lab product.) If you are a forested landowner, we can take your existing cruise or tree data and produce a visual



representation of your land over time using your management parameters. Management parameters may include types of harvests, thinnings, regeneration and planting scenarios. This can be done on a stand by stand basis or a landscape.

**Needs Assessments:** If you do not have a GIS system or would like to upgrade, we can provide you with a GIS Needs Assessment to help determine a hardware and software system that meets your specific needs and a process to achieve your goals.

**Census Information:** The 2000 Census information is available. It is best accessed through a geographic information system. This information can be very useful in assessing population distribution and demographics.

## Summary

GIS technology and products are not just for forest lands and forest land managers. Approximately 80% of all information has a geographic component. GIS databases are being continually developed by many entities. All levels of government are utilizing GIS and many will be providing access to public information by way of GIS. Applications of this technology can be found in the areas of public and private utilities (water, sewer, septic, electrical, etc.), land ownership, improvement, and administration. GIS is frequently used to make traditional business processes significantly more efficient and allows tasks to be performed that have never been possible before.

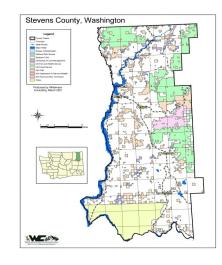
## **Other Services**

**Forestry:** Timber Cruise / Inventory and Report, Forest Management Plan, Road Maintenance Plan, Timber Sale Administration, Timber Marking, and Marketing. Contact - Brett Winterowd

**GPS:** Road Inventory Data and Maps, Resource Mapping, Estimate Acreage. Contact - Brett Winterowd



# GIS / MAPPING



## SERVICES

