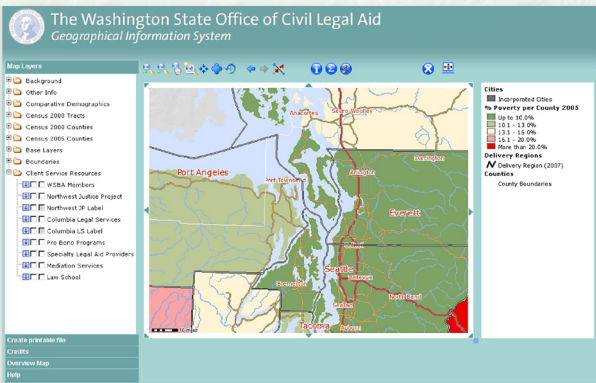## Open Source GIS Training and Support

We are offering GIS classes from beginner level introductory classes to advanced user levels on a regular basis and custom classes on request. Please contact us for further information. We are specialized in the following tools and software packages:

- **Desktop GIS:** uDig, gvSIG, QGIS, Open-Jump, ArcGIS9.X, and ArcView3.X

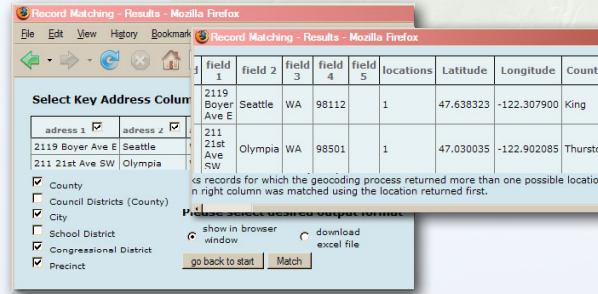- **Web Mapping:** MapServer, GeoServer, MapBender, OpenLayers, PostGIS, and Spatial Data Integrator (ETL)

Currently we are offering on a quarterly schedule a 3 day class/hands on workshop. The class *Interoperable Web GIS Solutions with Free and Open Source Geospatial software* is targeted at intermediate and advanced GIS professionals and provides an introduction and overview of Open Source Web GIS solutions. The classes have a hands-on focus and cover the basics of installing, setting-up and customizing a web GIS application including OpenLayers, MapServer and PostGIS.

The Washington State Office of Civil Legal Aid
Geographical Information System

http://terragis.net/gis-classes

Spatial Tools

We have implemented custom geospatial tools for several clients. Whenever you want to know where - we can help. Solutions can be web based or for desktop usage. We can provide solutions using proprietary or open source software.

Matching information to member records
Do you have data records that are lacking information? The example above shows screen shots of a web based tool for matching spatial information such as County, City, School District, Congressional District and Precinct to address files (e.g. member lists containing street addresses). With minimal effort this tool can be customized to match other spatial information.

Contact
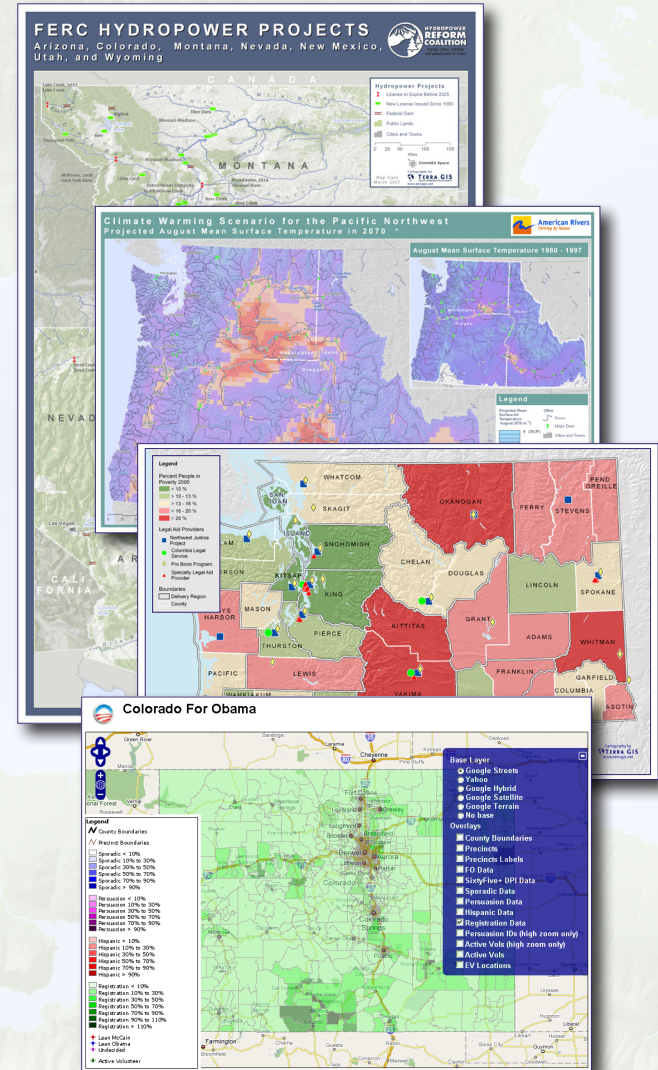
Terra GIS Ltd.

TERRESTRIAL ENVIRONMENT REGIONAL ANALYSIS

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TERRA GIS
TERRESTRIAL ENVIRONMENT REGIONAL ANALYSIS

Open Source and Proprietary GIS
Web Mapping & Applications
Custom Cartography
Training & Support
Spatial Analysis

Scientific Research, Analysis and Reporting

Our main focus is on natural resources, soils, conservation planning, and sustainable development. We offer complete project management and have experience in a large number of subject areas regarding the impacts of human activities on the natural environment. Our staff has experience in field work that includes soil, vegetation and archaeological

Public Lands
- Wilderness Area
- Federal Protected Lands
- Other Fed Lands
- BLM
- State Protected Lands

mapping, land use surveys and GPS data collection. We partner with specialists to cover subject areas that are outside of our main focus and expertise and are happy to discuss with you individually your project specific goals and requirements.
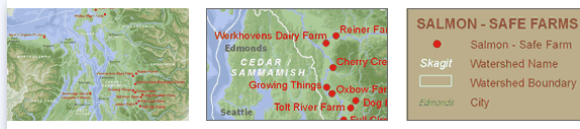
Spatial Analysis and Cartography

We have a strong background in producing cartographically pleasing maps and in conducting in depth and interdisciplinary spatial analysis and modeling. No matter if you need a simple overview map or have a comprehensive project to support your planning needs - we can supply a solution.

Map Examples (front cover)

American Rivers - Climate Warming Scenario for the Pacific Northwest

Hydropower Coalition – Rocky Mountain FERC Hydropower Projects

WSBA - Percent Poverty In Washington State 2005 and Legal Aid Providers

SALMON - SAFE FARMS
- ● Salmon - Safe Farm
- *Skagit* Watershed Name
- Watershed Boundary
- City

Stewardship Partners - Salmonsafe Farms and Vineyards for their Newsletter publication (above)

Terra GIS

provides expertise in Geographical Information Systems, consulting for social and environmental issues, and subjects related to sustainable development.

We are working hard to turn spatial information into knowledge.

Our Services:

- Environmental research, field work and reporting
- Spatial analysis and cartography
- GIS data development and spatial databases
- Implementation of web mapping and information systems
- Development of specialized geospatial tools
- GIS training and software support

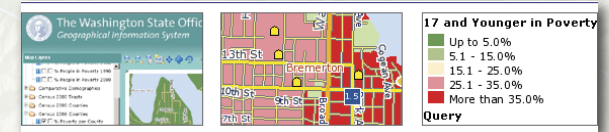## We Specialize in Projects Related to:

- Conservation
- Natural Resources Management
- Environmental Issues
- Public and Social Engagement
- Sustainable Development

Web Maps and Information Systems

We implement creative interactive web mapping solutions and spatial databases that can help build efficiencies for workflow processes, facilitate tasks, help plan and prioritize work, enable spatial analysis, thus providing answers to many different kinds of questions. Below are two examples of such systems. More examples can be found at www.terragis.net.

Resources for Legal Assistance in Washington State

The Washington State Office of Civil Legal Aid site maps demographic data related to people in poverty and resource providers of Legal Aid for the entire State of WA.

17 and Younger in Poverty
- Up to 5.0%
- 5.1 - 15.0%
- 15.1 - 25.0%
- 25.1 - 35.0%
- More than 35.0%
Query

This complex application encompasses over one hundred GIS layers. The goal of the GIS is to support the planning, communications, analytical needs, and day-to-day operations of the civil legal aid system in Washington State.

Obama for America Inc.

In 2008 we designed and implemented a low cost web GIS system mapping voters, election trends and registration. The site was used by the Obama for America Campaign as a template for 12 battleground States for the US 2008 election based on MapServer, Open Layers and PostGIS. More information at http://www.terragis.net/newsarticles.

Colorado For Obama