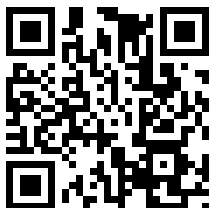


# ECDL-GIS

## NEWSLETTER

# QUATTRO

Novembre 2012



## ECDL-GIS@LARTU

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## USEFUL RESOURCES

### Cesare Gerbino GIS Blog

Chi riceve un'idea da me ricava conoscenza senza diminuire la mia: così come colui che accende il suo cero dal mio riceve luce, senza lasciarmi al buio.  
Thomas Jefferson

#### ***Cesare Gerbino GIS Blog – Campagna Scuole Sicure (Wired)***

Wired ha completato la campagna #scuolesicure. Il progetto offre una mappa interattiva con oltre 50mila edifici (ogni scuola può avere più di un edificio) che rappresenta una risorsa unica in Italia.

## Topology with PostGIS 2.0

### ***Topology with POSTGIS***



#### ***QGIS Cloud hosting***

Publish your own maps directly from the desktop! It's free to get started and sign up is instant. Publish your first map within minutes.



Natural Earth

Free vector and raster map data at  
1:10m, 1:50m, and 1:110m scales

 Search

#### ***Natural Earth***

Natural Earth is a public domain map dataset available at 1:10m, 1:50m, and 1:110 million scales. Featuring tightly integrated vector and raster data, with Natural Earth you can make a variety of visually pleasing, well-crafted maps with cartography or GIS software.



#### ***datacatalogs.org***

A comprehensive list open data catalogs curated by experts from around the world



**Geotag**

## *Geotag*

**Geotag** is an open source program that allows you match date/time information from photos with location information from a **GPS** unit or from a map

The main features are:

### **Portable**

Geotag is written in Java and runs on most popular operating systems.

### **Graphical user interface**

The user interface makes adding location information to your photos easy.

### **Intelligent matching**

The algorithms in Geotag automatically match GPS data to your photos. For photos taken when your GPS didn't have a signal you can let Geotag make a guess based on the closest available GPS information.

### **Fine tune location using Google Maps**

You can show a photo's location in your web browser using Google Maps. The map contains a marker you can drag on the map to change the location associated with a photo. The location the GPS records for your photo is the location where you took the photo, not the location of what can be seen in the photo. By simply dragging the marker you can correct this. The change is immediately reflected in Geotag.



## **GoGeo**

**GoGeo** – The place to discover geospatial information and services for those in education and research.



## ***jQuery Vector Maps***

**JQVMAP** is a jQuery plugin that renders Vector Maps. It uses resizable Scalable Vector Graphics (SVG) for modern browsers like Firefox, Safari, Chrome, Opera and Internet Explorer 9. Legacy support for older versions of Internet Explorer 6-8 is provided via VML.

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Tel. (+39)0110907464 – (+39)0110907478 - Fax. +390115647451*

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**A CARTOGRAPHER'S TOOLKIT**

Map Making Tips, Tricks, and Inspiration

***A Cartographer's Toolkit - Map Making Tips, Tricks, and Inspiration***

Salmon Map Critique - This is a new feature for the blog: map critiques. To start us off, I gathered three random salmon-related maps to display and make a few comments on. Any critiques you'd like to contribute in the comments are welcome.

**EDINA****EDINA – SERVICES AT EDINA**

EDINA is a national academic data centre based at the University of Edinburgh. It is designated by JISC to support the activities of universities, colleges and research institutes across the UK. JISC has been driving innovation in UK education and research for many years, with EDINA operating since 1995/6 as one of a number of organisations in the 'JISC family' to develop and deliver online services.

**BOSTONOGRAPHY**

Maps, graphics, and geography  
of Greater Boston, Massachusetts

***BOSTONOGRAPHY - Maps, graphics, and geography of Greater Boston, Massachusetts*****Hubway Trip Explorer**

Explore Hubway trips filtered by time, demographic, and weather factors

***HUBWAY TRIP EXPLORER - Explore Hubway trips filtered by time, demographic, and weather factors***

Hubway Data  
Visualization Challenge

## ***Hubway Data Visualization Challenge***

To celebrate the release of comprehensive user data, Hubway and MAPC are inviting you to visualize half a million Hubway rides.



### ***GISVM - Geographic Information System Virtual Machine***

**GISVM** is a Free(dom) and ready to use anywhere Geographic Information System Virtual Machine, now available in three main versions: GISVM desktop, GISVM base, GISVM server.



## **Atlas**

Maps, geography, and the web.

***Atlas - Maps, geography, and the web.***



### ***OpenTreeMap - Make collaborative tree inventories easy***

Why OpenTreeMap? Urban street trees have myriad proven benefits for communities including providing shade, improving air quality, assisting with stormwater runoff, raising property values, decreasing utility bills, and enhancing the look and feel of communities. But creating a complete inventory is a time consuming and resource intensive process. OpenTreeMap provides an easy-to-use public inventorying platform that enables individuals, organizations, and governments to collaboratively contribute to an interactive and dynamic map of a community's tree population.





## **Mango - Create Beautiful Maps in Minutes**

Transform your geospatial data into compelling interactive web maps. It's easy and it's free!



### **GeoMOOSE - Web Client JavaScript Framework for displaying distributed cartographic data**

What is GeoMOOSE?

GeoMOOSE is a Web Client JavaScript Framework for displaying distributed cartographic data. GeoMOOSE has a number of strengths including modularity, configurability, and delivers a number of core functionalities in its packages. GeoMOOSE is also very light weight for servers making it easy to handle a large number of users, with a large number of layers, and a large number of services without stressing a server.

The logo for OpenBuildingModels, featuring the text "OpenBuildingModels" in a white, sans-serif font on a blue background. Below the main text, the word "Beta" is written in a smaller, lighter font.

### **Welcome to OpenBuildingModels!**

OpenBuildingModels is an open, free-to-use repository for architectural 3D building models on the web!

It is strongly related but not limited to the [OpenStreetMap](#) project. You can link your 3D model to an OSM building and view the result in [OpenStreetMap-3D](#), but you can also contribute or download models for any other purpose. Read more about our license [here](#).



### **Mapnik**

Mapnik is a Free Toolkit for developing mapping applications. Above all Mapnik is about making beautiful maps. It is easily extensible and suitable for both desktop and web development.



### **ALOV Map**

**ALOV Map/TM Java** is a portable Java® application for publication of vector and raster maps to Internet and interactive viewing on web browsers.



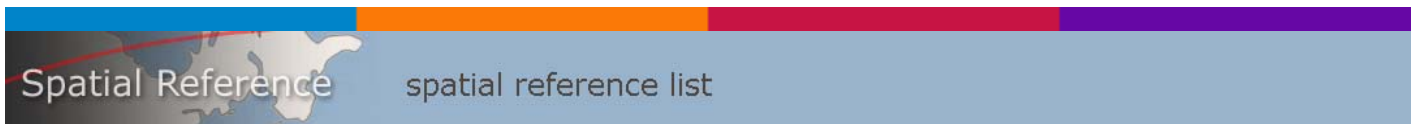
## **Canadian GIS Data**

A major part of any GIS is the data such as vectors, raster data, air photos etc. Most often this component can be costly or labor intensive, but it doesn't always have to be, there are lots of sources that offer free data that you can use to start your projects with.



## **Philippine GIS Data Clearinghouse - Free GIS Data**

To download, click on the hyperlinked data file. Save it. Then use free 7-Zip software to unzip the file.



## **EPSG - Spatial Reference List**

A Spatial Reference List



## **Strk's Blog: Simplifying a map layer using PostGIS topology**

Following a [recent research](#) about how to simplify a multipolygon layer while keeping topological relationships intact, here's my take on that, using the [PostGIS topological support](#).



**Strk's Blog: Topology cleaning with PostGIS**

An early tester of the new [PostGIS Topology](#) submitted an [interesting dataset](#) which kept me busy for a couple of weeks fixing a bunch of bugs related to numerical stability/robustness.

Finally, the [ST\\_CreateTopoGeo](#) function succeeded and imported the dataset as a proper topological schema.

**Data and GIS tips**

*Blogger's around Spatial Data amongst other things ...*

**Data and GIS tips: On the road with R & Grass: Intervisibility along Lines**

While drinking a glass of french Ricard (a famous drink from Provence) with Bertrand Bouteilles ([see his blog](#)), a colleague of mine, the latter asked me if I knew a method to calculate the line-of-sight from a line. Usually, we calculate LOS from one XYZ observation points but I had not found any resource on the web for line.

**Data and GIS tips**

*Blogger's around Spatial Data amongst other things ...*

**Data and GIS tips: [Sextante Plugin] An R script for Neighborhood Detection**

[Plugin Sextante] Un script R pour détecter les voisinages : Cet article explique comment réaliser un petit script R via le plugin Sextante pour QGIS afin d'établir des relations de voisinage entre objets en fonction de la distance qui les sépare. Il comporte une petite introduction sur l'écosystème QGIS, sur R aussi. Et puis bien sûr, des détails sur l'écriture d'un script R pour le plugin Sextante GIS Plugin.

**It's All About Data**

Thoughts on data interoperability from the folks who make it our passion

**It's All About Data: Round Earth Data in Oracle, PostGIS, and SQL Server**

Today, most spatial databases know how to deal with a round earth. For example, they can tell you the distance between New York and London, or find the area within 1000 km of a point — tasks not normally possible with a flat map. So, I thought it would be interesting to explore a few spatial operations with three of the major databases: SQL Server 2012, Oracle 11g R2, and PostGIS 2.0.

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## ***DREW SPATIAL DATA CENTER - ArcMap - Cartograms Tutorial***

Cartograms are a method of displaying geospatial data as totals, wherein data are displayed with both color and area as a function of their values. Cartograms are analogous to pie charts in which the slices of the pie are geographic regions rather than wedges. The Cartograms tool is a script created for ArcGIS that provides a set of spatial analysis tools not included in the standard ArcGIS software. You can create maps that will provoke reactions and dialog by displaying data as Cartograms. This tutorial will allow users to make Cartograms using their own data.



## ***DREW SPATIAL DATA CENTER - Tutorial Resources***

Welcome to Drew University's Spatial Data Center Tutorial Resources uKnow page. Here you will find links to tutorial files for use with ESRI ArcMap and ArcCatalog Software, ArcPad, Google Earth, and Google Maps. You will also find here information on the care and maintenance of the Spatial Data Center Equipment.



## ***ScapeToad: not just one metric***

Most 2D-maps are used to represent topographic metrics: distances and areas measured on the map (multiplied by the map scale) give traveling distances and land surfaces. In some cases, this information is irrelevant or even misleading [[see an example](#)]. As a cartographer, you may wish to use map metrics to represent other data, such as human populations or amounts of produced resources. This is what **ScapeToad** is for.

**ScapeToad** is a cross-platform, open-source application written in Java, designed as an independent application using the [ESRI Shapefile](#) format for input and output.

**ScapeToad** also exports maps in [SVG](#) format.

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**ScapeToad** has a [user-friendly interface](#), which guides the user throughout the map creation process.

# ScapeToad

## Un logiciel pour créer des cartes en anamorphoses

**Christian Kaiser**

Institut de géographie, Université de Lausanne  
36 | DEGRES, Lully VD

***ScapeToad - Un logiciel pour créer des cartes en anamorphoses***

## The GIS Doctor

Follow me on Twitter – @GISDoctor



## The GIS Doctor

[Return to GIS Doctor](#)

## The GIS Doctor - Web Map Service in Google Maps V3

The following page brings together several web map service (WMS) layers into the Google Maps V3 API. This page was originally developed for the On the Line Digital History Project [at Trinity College](#) and for the [Map and Geographic Information Center \(MAGIC\)](#) at the University of Connecticut by Ben Spaulding, Ph.D., from [GISDoctor.com](#)

## The Urban Nomad

## ***Tutorial: Building Cartograms***

The US presidential elections has popularized “cartograms”, a type of map visualization that makes it easier to distinguish areas of higher numeric values (like higher vote counts) by exploding tiny polygons (like coastal areas in the East Coast) to better reflect their perceived values.

Posted on November 7, 2011

### **Letters from the SAL**

Blogging from the Spatial Analysis Laboratory (SAL) on the campus of the University of Vermont.

#### ***Letters from the SAL***

Blogging from the Spatial Analysis Laboratory (SAL) on the campus of the University of Vermont.

[Mapping tree canopy change in the District of Columbia](#)

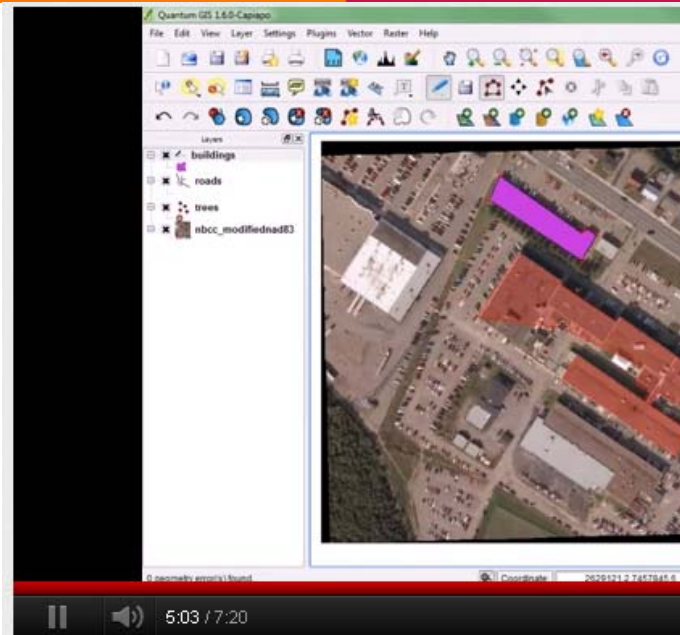
### **FREE AND OPEN SOURCE GIS RAMBLINGS**

... working with free and open source geographic information systems

#### ***Creating Cartograms with QGIS Cartogram Creator***

A **cartogram** is a map where some variable (e.g. population) is substituted for land area or distance. The geometry of the map is distorted to convey the information of this variable.

“Cartogram Creator” is a Python plugin for **QGIS** available through Carson Farmer’s repository.



### ***Quantum GIS Georeferencing and Vectorization***

Georeferencing and Vectorization with Quantum GIS 1.7



UNIVERSITY OF GOTHENBURG  
FACULTY OF SCIENCE

### ***Now you can determine the solar efficiency of your roof***

It is becoming more and more common to install solar panels on roofs in order to obtain green electricity, but not all roofs are equally suitable. Scientists from the University of Gothenburg have launched a tool that uses the actual conditions to determine the maximum possible magnitude of solar incidence - in a whole town, a neighbourhood, or a particular roof. The scientists have surveyed Gothenburg in a pilot project.

**MICHAEL MINN**  
mail3@michaelminn.com

### ***MMQGIS (Python plugins for manipulating vector map layers in Quantum GIS)***

**MMQGIS** is a set of Python plugins for manipulating vector map layers in Quantum GIS (QGIS), an open source geographic information system. While not offering a complete or profound set of new capabilities, MMQGIS does offer some useful tools missing from native QGIS or common plugin sets available as of this writing.

This document also includes a very basic introduction to writing plugins for QGIS using Python.

**blog.donmeltz.com**

*Observations about Planning and GIS*

## **blog.donmeltz.com: Observations about Planning and GIS**

MapShaper

## **Welcome to MapShaper [Alpha Testing Version]**

The easy online shapefile editor



## **Tutorials**

Desde sua criação, o **Portal ClickGeo** vem produzindo e disponibilizando gratuitamente uma série de tutoriais sobre diversos *softwares* livres para Sistemas de Informação Geográfica (SIG), Banco de Dados Geográficos (BDG) e *Webmapping* (*WebGIS*).



## **Geo Trellis**

GeoTrellis is an open source geographic data processing engine for high performance applications. The framework is built with Scala and Akka

CommonSpace **PREVIEW**

About

Suggestions

Tour

Start Over

## **Common Space [Philadelphia]**

Common Space: See, Search, Share... Discover Philadelphia destinations you never knew were so close to you and your companions.





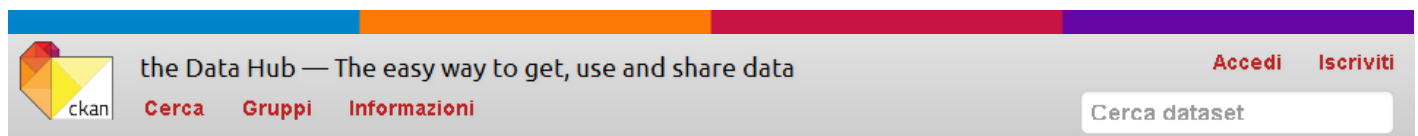
## Welcome to OSGeo-Live 6.5alpha1

[OSGeo-Live](#) is a self-contained bootable DVD, USB thumb drive or Virtual Machine based on [Xubuntu](#), that allows you to try a wide variety of open source geospatial software without installing anything. It is composed entirely of free software, allowing it to be freely distributed, duplicated and passed around.

### (Free) GIS data index

#### (Free) GIS data index

(Free) GIS data index - MAIN TABLE (international level)



### *the Data Hub — The easy way to get, use and share data*

#### *geoprocessing.info HOME*

### **Geographic Information Processing for the Web**

This site houses a collection of resources that facilitate the understanding and use of standards that apply to geospatial information processing on the web.

#### **RSNI DATABASE - AUTOMATIC Earthquake locations and REAL TIME ShakeMaps**

### **RSNI DATABASE - AUTOMATIC Earthquake locations and REAL TIME ShakeMaps**

The Real Time Shakemaps are performed in the framework of the project: [Progetti Sismologici e Vulcanologici di interesse per il Dipartimento della Protezione Civile](#)  
 Progetto S4: Stima dello scuotimento in tempo reale e quasi - reale per terremoti significativi in territorio nazionale.



### **GeoVISTA Center**



### **GeoViz Toolkit**

The GeoViz Toolkit supports systematic analysis of spatial, temporal, and attribute data sets. It allows analysts to discover previously hidden patterns in data, moving from spatial patterns to statistical patterns and back again by mixing and matching data visualization components to quickly construct custom analysis tools.



### **GeoVISTA Studio**

GeoVISTA Studio is an open software development environment designed for geospatial data. Studio allows users to quickly build applications for geocomputation and geographic visualization, with no programming required. Learn more at the [Studio website](#).



# The Visual Inquiry Toolkit

## *The Visual Inquiry Toolkit*

The Visual Inquiry Toolkit (VIT) based on the open-source Java framework GeoVISTA Studio, which provides a visual programming environment for spatial data analysis integrates visual, computational, and cartographic methods to enable human knowledge and judgment to be coupled productively with computational methods for incrementally searching patterns. The integrated VIT approach to geo-visual analytic methods and tools is able to:

- perform multivariate analysis (including time series analysis) with the Self-Organizing Map (SOM)
- encode the SOM result with colors derived from the Color-BrewerPlus component, which produces a 2D diverging-diverging color scheme
- visualize the data in a hierarchical data matrix view
- visualize the multivariate patterns with a modified Parallel Coordinate Plot (PCP) display and a map matrix
- support human interactions to explore and examine patterns

The VIT is based on the open-source Java framework GeoVISTA Studio, which provides a visual programming environment for spatial data analysis. It has been developed by Jin Chen.

[Download VIT \(updated April 17, 2010\)](#) - Fixed minor bugs, comes with sample data



# ConceptVISTA

## **ConceptVISTA**

ConceptVISTA, an ontology creation and visualization tool developed by researchers at the GeoVISTA Center, allows users to define and link concepts and resources pertaining to a conceptual domain. Users can add and view additional information related to concepts and resources. ConceptVISTA stores ontologies in the Web Ontology Language (OWL) format and can import outside ontologies. ConceptVISTA provides users with a useful set of ontology management functions.

## **GFOSS - Mappa Italia per Garmin**

Mappa OpenStreetMap dell'Italia suddivisa per regioni, in formato adatto ad essere caricata sui GPS Garmin; con due diversi stili. Aggiornata settimanalmente.

Pagina per il download: <http://download.gfoss.it/osm/garmin/>.



### **Welcome to GRASS GIS**

You are at a GRASS mirror site in ITALY (IT) (other [mirror sites](#))  
This site is updated daily: 08 Nov 2012

## **Geographic Resources Analysis Support System**

Commonly referred to as GRASS, this is free Geographic Information System (GIS) software used for geospatial data management and analysis, image processing, graphics/maps production, spatial modeling, and visualization. GRASS is currently used in academic and commercial settings around the world, as well as by many governmental agencies and environmental consulting companies. GRASS is an official project of the [Open Source Geospatial Foundation](#).



### **Learn GIS for Free**

There are a few online options to learn GIS for free. Take advantage of resources that provide you access to free courses from some of the world's best universities and institutions. Learn GIS on your own or supplement your existing geospatial education with these free resources.



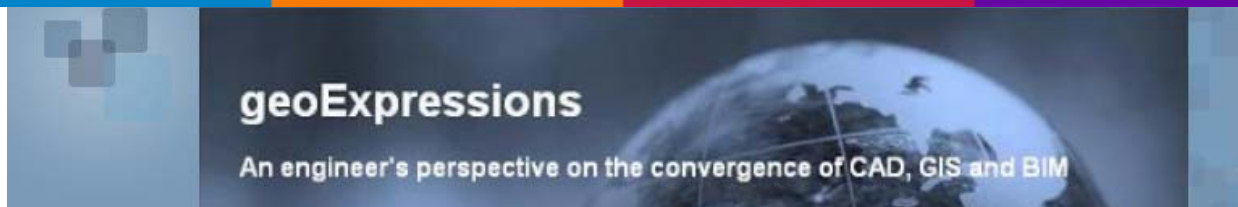
### **'Learning GIS' Category**

- [Learn GIS for Free](#)
- [Learning GIS – Resources for GIS Training](#)
- [Tutorials in GIS](#)
- [GIS Data Explored – Vector and Raster Data](#)
- [What is GIS?](#)

Don Boyes

GIS, TEACHING, TECHNOLOGY, HIGHER EDUCATION

***Teaching GIS online requires a diverse skill set***



***geoExpressions***

An engineer's perspective on a convergence of CAD, GIS and BIM

**Reprojected**

A warped look at spatial...

***GIS Apprenticeship Program***

**geoMusings**

*geospatial technologies and practices*



***Personal Geospatial Workflows***



**GIS and Science**

**Evaluation of Classical Spatial Analysis Schemes of Extreme Rainfall**

geothought

**Thoughts on geospatial and location technology from Peter Batty**

GIS Obsessed Mike Olkin's GIS blog.

**GIS Obsessed - Mike Olkin's GIS blog**

Something Amiss on Google Maps? One of the regional GIS listservs to which I subscribe has gone wild today with posts about some prominent road name labeling errors that are showing up in Google Maps. It looks like somebody at Google flipped a switch on a map cache update before it was ready to go. (...)

**Spatially Adjusted**

Geospatial Technology, web Mapping and spatial Services

**Spatially Adjusted**

Geospatial Technology, Web Mapping and Spatial Services

**Kelso's Corner**

Bloggng at [KelsoCartography.com](http://KelsoCartography.com)

**Natural Earth v2.0.0 is live**

I am proud to announce the immediate availability of Natural Earth 2.0.0!

The 2.0.0 release focuses on *7 major areas* and is available to download today *à la carte* at [NaturalEarthData](http://NaturalEarthData).

ZIP combo downloads of all vectors: [SHP](#) (279 mb) or [SQLite](#) (222 mb) or [QuickStart kit for ArcMap and QGIS](#) (165 mb).



**Crisis Commons**

connecting people, tools, & resources to support crisis response

## **CrisisCommons – Connecting people, tools & resources to support crisis response**



### **Wherewithal**

*Whatever I happen to be thinking about today. Usually something to do with maps or technology. Sometimes beer.*

### **Wherewithal - TileMill Revisited**

**COLOR BREWER 2.0**  
color advice for cartography

### **COLOR BREWER 2.0 – color advice for cartography**

This map does not depict actual data. Instead, it has been carefully designed to be a diagnostic tool for evaluating the robustness of individual color schemes. Full use of this tool will benefit your map designs because colors (even very similar colors) are easy to differentiate when they appear in a nicely ordered sequence (such as a legend). The task of differentiating the colors, however, becomes much harder when the patterns on the map are complex, such as in the lower left corner of the diagnostic map.



**U.S. Fish & Wildlife Service**

**Geospatial Services**

Information Resources and Technology Management

### **U.S. Fish and Wildlife Service Geospatial Services**

Home page of the U.S. Fish and Wildlife Service Geospatial Services. Our mission is, working with others to conserve, protect and enhance fish, wildlife, and plants and their habitats for the continuing benefit of the American people.



**Earthquake Hazards Program**

## Earthquake Hazards Program

Earthquakes - 7 days, M2.5+



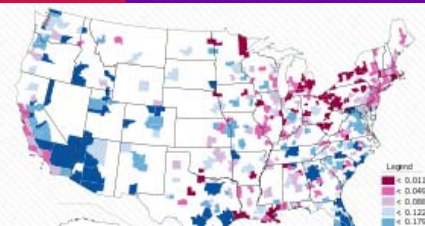
### Thematic Maps Made Easy

Thanks to those of you who checked out [Telestrian](#), my new data analytics and visualization venture. I want to kick off an occasional series of posts demonstrating what it can do. In an effort to not make it be too salesy, I'm going to use the tool to derive some interesting insight.

### Welcome to the Telestrian Way

A Better Way to Find, Look At, Analyze, and View Data About Cities, Counties, States, and Regions

[LEARN MORE](#)



### Welcome to the Telestrian Way

A Better Way to Find, Look At, Analyze, and View Data About Cities, Counties, States, and Regions

## Welcome to the Port-au-Prince Youth Mapping Project

### Welcome to the Port-au-Prince Youth Mapping Project

This project explores tools to help youth in Port-au-Prince build impactful, communicative digital maps using mobile and web technologies. A phone application allows youth to produce a realtime portrait of their community through geo-located photos and videos, organized in thematic maps.



### Associazione Geometri Italiani Topografi: Pagine Cartografia

Welcome



## GIS LINKS TO...

These pages provide pointers to GIS companies, associations, and government web pages as well as sources of software, data, publications, and services. Information does not reflect use or endorsement by the U.S. Government.

### MadChuckle

Musings of MadChuckle about Software Engineering, GIS, Audio Production, Guitars ...

#### ***Effects of Precision in Viewshed Analysis***

I have added high-precision calculation option to my viewshed analysis plugin for QGIS as promised. After spending the last couple of days sick, I am back here at last :)

### CRIME MAPPING™ .com

#### ***USA Crime Mapping***

CrimeMapping.com has been developed by [The Omega Group](#) to help law enforcement agencies throughout North America provide the public with valuable information about recent crime activity in their neighborhood. Our goal is to assist police departments in reducing crime through a better-informed citizenry.

### Free Geography Tools

Exploring the world of free tools for GIS, GPS, Google Earth, neogeography, and more.

#### ***MicroDEM: A Swiss Army Knife Of Terrain And GIS Tools***

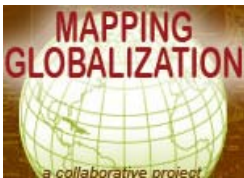
As you might guess from the name, MicroDEM is a program that works with digital elevation models (DEMs), plots of elevation as a function of position, the same kind of data used by 3DEM.

**BBC**

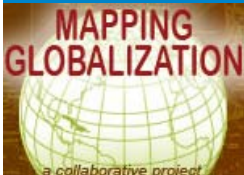
**NEWS UK**

#### ***Every death on every road in Great Britain 1999-2010***

The [image below](#) shows the location of 2,396,750 road crashes in Great Britain from 1999 to 2010. Each light point is an individual collision which resulted in a casualty. The intensity of brightness shows where collisions are more frequent.



## **Radioactive fall-out from the Chernoby**



### **Maps**

With all the talk of globalization it is easy to forget that at the very core of the concept is a notion of geographical location. Globalization involves connections between at least two places and the first step in our understanding must be an appreciation of what this means in a concrete sense of space.

Mapping offers a possible solution to the dilemmas posed by the complexity of both network analysis and globalization. As part of the Mapping Globalization project, we are accordingly assembling a collection of digital maps and links to maps. The collection includes Flash animations and maps that can be displayed using [Google Earth](#) and Google Maps.

One way to search the MG map collection is to use this [Category Query form](#). For other ways to search the collection, see [Help:Search](#).

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### **Random Google Street View**

## **Thematic Maps Blog**

HOME

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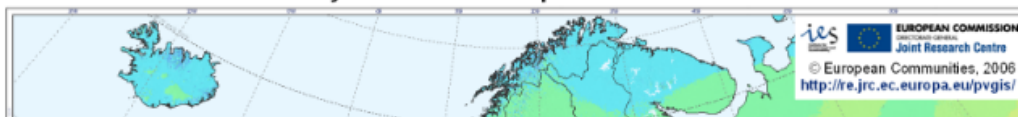


### **Thematic Maps Blog: Mapping the 2012 Olympic Medals**

Politecnico e Università di Torino - Laboratorio di Analisi e Rappresentazioni Territoriali ed Urbane [ **LARTU** ] -  
[www.lartu.polito.it](http://www.lartu.polito.it) - Castello del Valentino (Manica Chevalley) - Viale Mattioli, 39 - 10125 Torino  
 Tel. (+39)0110907464 – (+39)0110907478 - Fax. +390115647451

Test Center ECDL-GIS - [www.ecdlgis.polito.it](http://www.ecdlgis.polito.it) - [ecdl-gis@polito.it](mailto:ecdl-gis@polito.it)

Photovoltaic Solar Electricity Potential in European Countries



**Photovoltaic Solar Electricity Potential in European Countries**

The New York Times

**U.S.**

**Immigration Explorer**

Select a foreign-born group to see how they settled across the United States.



**NC OneMap**

NC OneMap is a public service providing comprehensive discovery and access to North Carolina's geospatial data resources. NC OneMap, the State's Clearinghouse for geospatial information, relies on data sharing and partnerships.

**GIS Cloud**

Build or browse for the enterprise geo app you need

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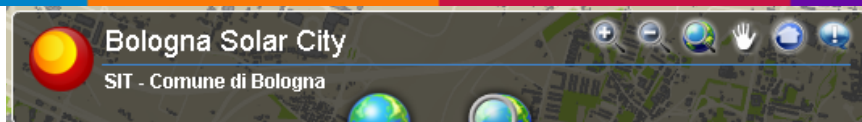
**Ushahidi**

A non-profit tech company that changes the way information flows in the world.



# Geographic Information Systems

## OpenSource Remote Sensing Tools for Classifying Roofs



### Bologna Solar City

OpenEI | OPENENERGYINFO

### Solar Power

Solar Decision Support Tools



### Solargis



### MapIndy - WebGIS Indianapolis



FreeGIS.net  
Geo information for the public sector

DE / EN / IT /

Solutions Technology Project

### FreeGIS.net

FreeGIS.net enables public administrations to effectively publish geo information by providing Free Software applications, licenses and data

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**Certificazione ECDL-GIS (Geographic Information System)  
Test Center AEMR0001**

## ***Dati GIS (italiani): dove trovarli (e da dove scaricarli)***

Raccolta di dati G.I.S. (vettoriali, raster...), acquisiti a diverse scale e relativi a differenti "ambiti geografici" (locale, provinciale, regionale, nazionale...).

La casella di posta elettronica [ecdl-gis@polito.it](mailto:ecdl-gis@polito.it) è a vostra disposizione per informazioni e/o chiarimenti sulla certificazione ECDL-GIS.

Per segnalare eventi (risorse, strumenti...) o per inviare suggerimenti (critiche...) è possibile contattare direttamente i curatori della Newsletter, [Antonio Cittadino](#) e [Francesco Fiermonte](#)

***PROSSIMA NEWSLETTER ECDL-GIS@LARTU***

**- - - - - > Arrivederci a fine Luglio 2013!**