

International Cartographic Association  
Association Cartographique Internationale



## Commission on Education and Training

# December 2010 Newsletter

An occasional electronic newsletter from the Commission.

If you have any brief items of interest then please email them to  
[david.fraser@rmit.edu.au](mailto:david.fraser@rmit.edu.au) for eCET.

If you have more substantial articles please send them to Igor Drecki at  
[i.drecki@auckland.ac.nz](mailto:i.drecki@auckland.ac.nz) for the ICA newsletter.

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**Quote:** “Although some ‘missing’ facts may be inferred from other information, normally one cannot read into map information that is not shown” Tyner 2010 (from Jason Sankovic Dissertation, 2010)

**Quote:** “A number of astronauts, and then all of us who saw the photography from space, marvelled at how much the Florida peninsula, meandering Mississippi, the islands of Britain, and the boot of Italy resembled the maps everyone had grown up with. We had taken it for granted that maps were faithful reflections of reality; but we were somehow amazed when reality turned out to be true to the maps.”

— John Noble Wilford, *The Mapmakers*

<http://gis.stackexchange.com/questions/927/great-gis-maps-cartography-quotes>

### Cartography in the Media

#### Kite power changes face of Google Earth

**Louisa Hearn**

October 14, 2010 - 10:40AM



Aerial images for Google Earth captured by Frank Taylor's kite  
It has built up a massive global empire on the back of its high-tech credentials, but Google is enlisting the help of a small orange kite to capture some of the more remote regions featured on its popular Google Earth application.  
A pair of sailors on a five-year odyssey around the world are taking the aerial images of coastal regions with their home-made kite on behalf of the technology giant, which has traditionally used satellite images on its maps.

**Go to Link:>**

<http://www.theage.com.au/digital-life/digital-life-news/kite-power-changes-face-of-google-earth-20101014-16kjb.html>

**How sites can pinpoint you without the need for a GPS**

Ben Grubb

October 8, 2010

[Comments 24](#)



Where am I? Google appears to know... *Screenshot by Ben Grubb.*

If you thought websites **planting** tracking "cookies" on your computer was a cause for privacy concerns, what's known as "**location-aware browsing**" is able to pinpoint your physical location - and fairly accurately.

Electronic Frontiers Australia chairman Colin Jacobs said this could mean that various websites would have in their databases a history of "where you have been and when".

**Go to Link:>**

<http://www.theage.com.au/technology/technology-news/how-sites-can-pinpoint-you-without-the-need-for-a-gps-20101008-16asi.html>

## Google Maps error sparks international conflict

Asher Moses

November 8, 2010 - 11:00AM



The correct border shown on Bing Maps and, inset, the incorrect version shown on Google Maps.

A Google Maps error is being blamed for Nicaraguan troops accidentally invading Costa Rica last week.

The troops have been accused of crossing the hotly disputed Nicaragua border into Costa Rica and setting up camp for the night after taking down a Costa Rican flag and raising the Nicaraguan flag.

But their commander, Eden Pastora, told Costa Rica's largest newspaper, La Nacion, that Google Maps was used to **justify** the incursion. Nicaraguan government officials have also blamed a "bug in Google" for the error.

**Go to Link:>**

<http://www.theage.com.au/technology/technology-news/google-maps-error-sparks-international-conflict-20101108-17jl3.html>

## New iPhone App, The Cartographer: Brings Google My Maps with Offline Functionality to Your iPhone

**A Tasty Pixel, Makers of Market Leading iPhone Applications such as Loopy, has Launched its Latest iPhone Application The Cartographer, a Unique Travel App for Accessing and Editing Custom Google My Maps.**

(PRWEB) November 18, 2010

**The Cartographer** tightly integrates with Google's desktop-based custom map tools, for vacation planning on a familiar, easy to use platform. The resulting maps can be effortlessly accessed and edited on the iPhone. Users can also access their custom Google My Maps offline, an essential component for leisure and business travelers alike.

**Go to Link:>**

<http://www.prweb.com/releases/Google-maps-iPhone-app/map-gps-apps-travel/prweb4802744.htm>

## CEO of Ordnance Survey and the Olympic Games 2012

As the London 2012 Olympic Games approach, the challenge of providing accurate and timely geospatial data to all users is growing. Ordnance Survey is tasked by the Olympic Delivery Authority to provide a definitive source site conditions in the run up to and during the games. This task presents a number of challenges and opportunities, including:

- Data accuracy and availability
- Data access, governance and control issues
- Fast track data with daily changes and fluctuation

- Providing grids and geo information on local and national levels
- Dealing with complex stakeholder structures
- Providing all levels of detail depending on user's requirements

All of these challenges are being addressed and overseen by Vanessa Lawrence, Director General and Chief Executive of Ordnance Survey.

Kind regards,  
Katia Wyatt,  
Director - Defence Geospatial Intelligence 2011

DGI 2011  
24-27 January, QEII Centre, London  
[www.DefenceGeospatial.com](http://www.DefenceGeospatial.com)

## Education Resources

### Basic Principles of Cartographic Design



**Go to Link:>**

<http://video.esri.com/watch/77/basic-principles-of-cartographic-design>

## Colors For Maps E-Book Released

Thursday, November 18th 2010

[PetersonGIS](#) | Fort Collins, CO, USA



Read More

[Colors For Maps](#) is a new 40-page e-book released by Gretchen Peterson of PetersonGIS this month. The e-book is provided in PDF format and contains 30 color palettes of 10 colors each, specifically chosen for mapping projects. Each palette is visualized in a sample map and in various combinations to make it easy to choose. Color formulas are provided in RGB and HEX.

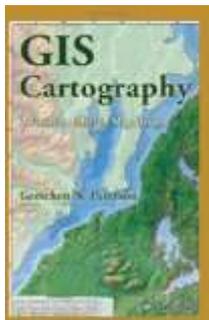
Says Learn Dalby, Geo Program Manager, State of Arkansas, "I would use this information in this book. We are constantly making quick prints for executives (Governor or Legislature). There is an art and a science to portraying the information appropriately and you only get one brief chance to get it right. We have used [an online color-picking site] for several years...but it doesn't always give us exactly what we need. This booklet takes the next step."

**Go to Link:>**

<http://www.directionsmag.com/pressreleases/colors-for-maps-e-book-released/143232>

## GIS Cartography: A Guide to Effective Map Design

by [Gretchen N. Peterson](#)



**Go to Link:>**

<http://www10.giscave.com/aws/Gretchen-N.-Peterson-GIS-Cartography-Guide-Effective-Map-Design/32992/book.html>

## Fast, Simple Map Creation Tools - TargetMaps, Mapbiquity - Map Sharing for the masses

Written by @gletham

12 November 2010

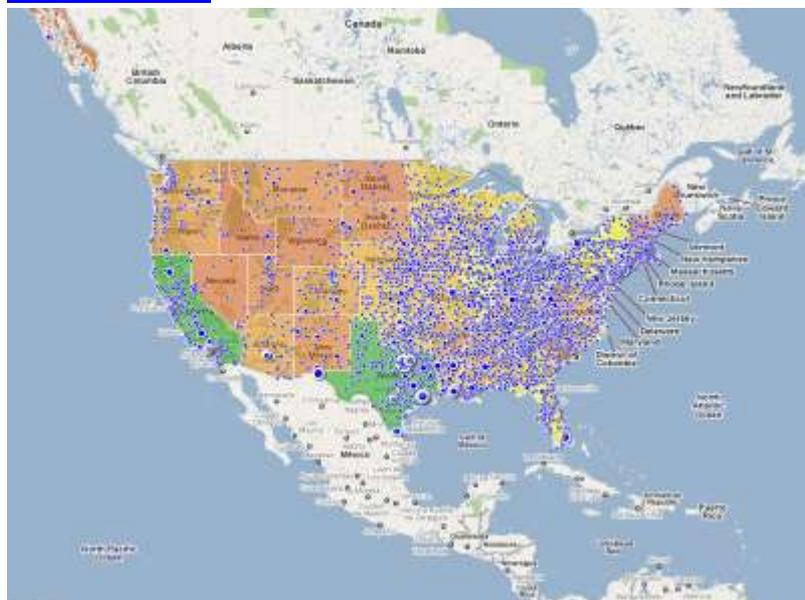
Just this past week we received updates about 2 web services that enable anyone to quickly and easily create a map (think Google mashup), customize it, enhance the cartography, embed and share.

### TargetMaps (See @targetmap on Twitter)

Here's details of a cool, new, open community mashup creation service from TargetMaps – the @TargetMap crew sent us a tip off this week via Twitter. The service enables rapid creation of online map mashups, facilitates simple sharing and community collaboration and even offers a paid for option (nominal fee) for those who want to share data with colleagues but not make it open to the public. The social sharing functionality built in to the service is very useful and options are also provided to grab the code and embed your map or see also related maps from other users. See <http://www.targetmap.com>

The map below is a mashup showing USA hospital locations along with some tabular data.

### [USA Hospitals](#)

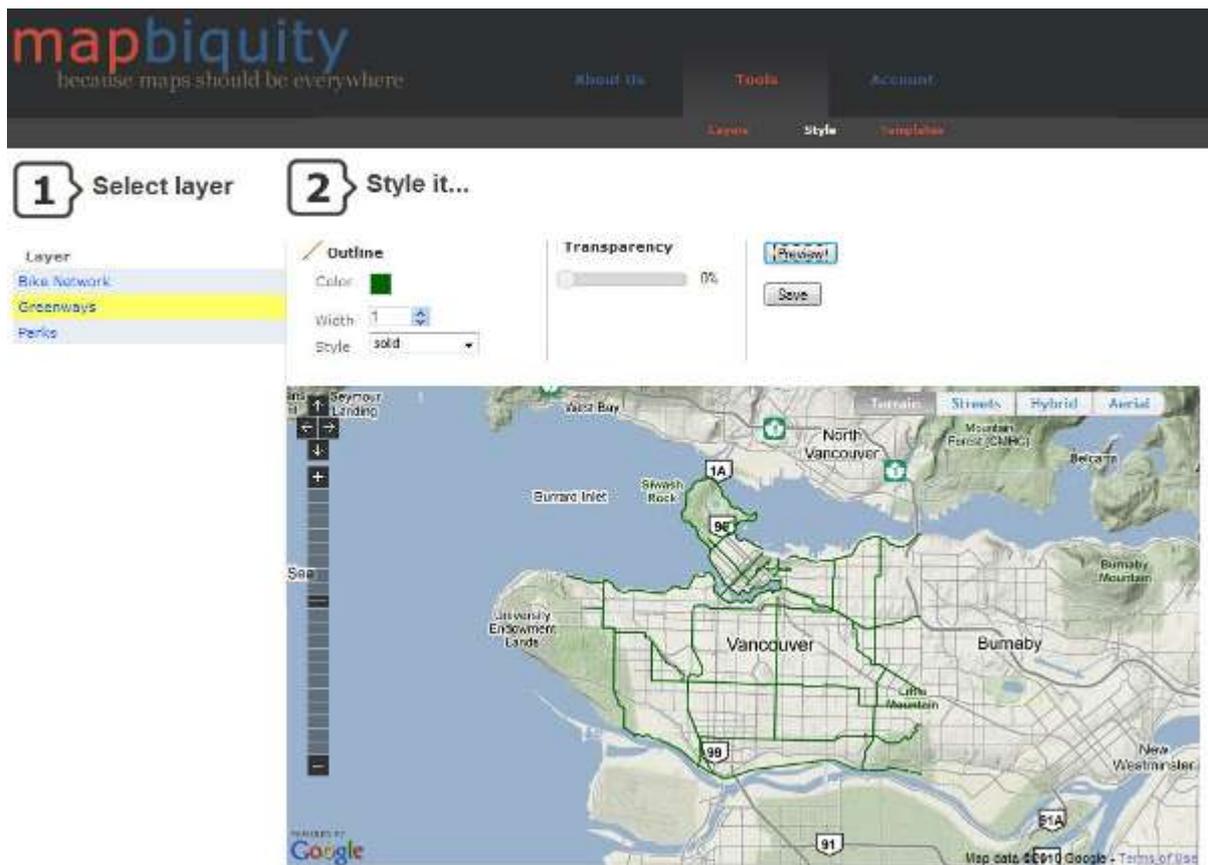


### Mapbiquity - Map creation and sharing fast and easy!

Here's a tip off about a cool, new web service that enables anyone to easily and quickly create, embed, and share a map. Using the service the user creates an account, then you can upload your own data (like a SHP file) – I grabbed some free, public, open data from the Vancouver OpenData sharing resource – note: the app uses the Google maps API. Once uploaded you simply set the area of interest, assign some cartographic style elements (color, styles etc...) then preview, grab the code, and embed on your website... very cool! [Here's the official announcement](#) from Fort Collins, Colorado based Mapbiquity

**Go to Link:>**

[www.mapbiquity.com](http://www.mapbiquity.com)



**Go to Link:>**

<http://www.gisuser.com/content/view/21893/28/>

## **The Potential of the Lenticular Foil Technique for Thematic Cartography**

**Author:** Dickmann, Frank<sup>1</sup>

**Source:** [Cartographic Journal, The](#), Volume 47, Number 3, August 2010 , pp. 250-256(7)

**Publisher:** [Maney Publishing](#)

Lenticular visualisation methods are innovative advancements of modern presentation media in cartography. Owing to the mainly three-dimensional perception of people, this technique, in print as well as on screen, offers the possibility to introduce autostereoscopic, i.e. three-dimensional views in cartography. On the basis of true 3D, it has already found its way into the visualisation of relief relations. Moreover, it also opens perspectives for the more widespread products of thematic cartography (thematic maps). Multi-layered representation becomes possible on the basis of three-dimensional or sequentially differentiated depictions of spatial phenomena. Thus, several parameters or dimensions of cartographic content can be displayed at the same time. This essay discusses some potential applications of the lenticular foil technique for thematic cartography on a theoretical basis.

**Go to Link:>**

<http://www.ingentaconnect.com/content/maney/caj/2010/00000047/00000003/art00006>

## **Relation Modelling within Multiple Representation Databases and Generalisation Services**

**Authors:** Burghardt, Dirk<sup>1</sup>; Petzold, Ingo<sup>1</sup>; Bobzien, Matthias<sup>1</sup>

**Source:** [Cartographic Journal, The](#), Volume 47, Number 3, August 2010 , pp. 238-249(12)

**Publisher:** [Maney Publishing](#)

The process of topographic map production at the national mapping agencies is undergoing steady change. The pressure to reduce production cost in particular hassled to the development and use of new approaches. Traditionally, separate datasets and models have been used to produce topographic maps of different scales and even the sources of data often differ. As a consequence, the derived datasets on different scales are usually

inconsistent and thus cannot be updated in a common process. With the transition to GIS-based cartography, these disadvantages will be overcome. The research and development presented here have been carried out within an application-oriented research project of the University of Zurich in cooperation with the company Axes Systems. The focus has been on improving automated generalisation for topographic map production. A multiple representation database with extended linkage information was first implemented. These so-called vertical relations enable the storage of meta-information, which is needed to make the generalisations used during incremental updates. Second, a data model of horizontal relations was developed, to model contextual information explicitly. Examples of applications are the subdivision and partition of datasets, and the modelling of feature groups. Third, a service-oriented architecture was established, enabling a platform-independent development and the provision of generalisation functionality. In addition, an embedded workflow management system was introduced, consisting of a workflow editor and workflow engine, to support the interactive configuration of the generalisation process and the automated execution of generalisation services.

**Go to Link:>**

<http://www.ingentaconnect.com/content/maney/caj/2010/00000047/00000003/art00005>

### **Map of a Nation by Rachel Hewitt – review**

An absorbing history of the Ordnance Survey charts the many hurdles map-makers have had to overcome

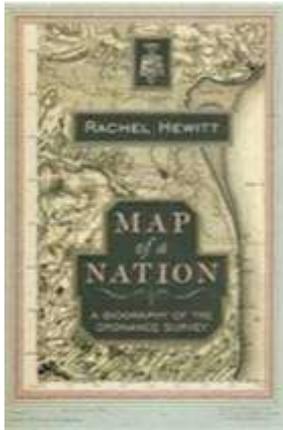


Ordnance Survey

maps have been sold to the general public since 1801. Photograph: David Sillitoe for the Guardian

From the hieroglyphs of Aztec Mexico to the red stripe of London's Central line, all maps are idealised representations of the world. A relief map of moorland fells can mesmerise with its geometric language of lines and symbols. Yet even with the world now so thoroughly mapped out by Google, many of us remain carto-illiterate. In the mid-1990s, drivers in Britain were wasting an extraordinary 80m gallons of petrol each year getting lost, according to the AA (one would hope that figure is lower now, thanks to satnav). Those of us with poor visual-spatial skills often find it easier to read road atlases upside down.

1. **Map of a Nation: A Biography of the Ordnance Survey**
2. by Rachel Hewitt



3.

Maps of all kinds permit a greater understanding of [history](#) and the politics of cartography. Nazi map-makers redrew Europe's frontiers in the shadow of the swastika, with an emphasis on "Jew-free" (*Judenfrei*) areas of conquest. The first surveys of the Scottish Highlands were done to facilitate the crushing of rebel clans in the wake of the Jacobite uprising of 1745. In spite of their political intent, the maps provided a magnificent bird's-eye view of mid-18th-century Scotland. The bunched contour lines and triangulation points marked on modern-day [Ordnance Survey](#) maps would not have been possible without the earlier charting of Scotland. In this endlessly absorbing history, Rachel Hewitt narrates the history of our printed maps from King George II's "Scotophobic" cartographies to the three-dimensional computerised elevations of today. A marvel of exactitude and the quantifying imagination, the Ordnance project conjures a "Betjemanesque image" of cycle-touring and jolly tramps through bog and heather. Founded in 1791 as the Trigonometrical Survey, it nevertheless began life as a military venture, merciless to subject peoples.

Herself a keen hiker, Hewitt portrays a heroic enterprise assailed on all sides by professional vanities, lack of funds and other difficulties. In post-Culloden Scotland the map-makers had used a small, tripod-mounted telescope or prototype theodolite to measure sight-lines from landmark to landmark. Inevitably, their arrival in a land pacified by a foreign power aroused fears of continued surveillance. Half a century later, when the first Ordnance Survey map was released to the general public in 1801, the project was still viewed with suspicion. In intricate black-and-white the map revealed Britain's south-easterly corner as a mesh of bridleways, brooks and field boundaries. Few could have guessed at the difficulties involved. As the surveyors scanned the Kent horizon with their telescopes, locals had mistaken them for French spies.

Notoriously, in 1824 government map-makers moved to Ireland. Their presence provoked such levels of suspicion that it seemed the entire British judiciary, church and crown were under threat. The Irish Ordnance Survey became the subject of Brian Friel's play *Translations*; it remains an incendiary moment in Irish history.

The Irish were not the only people to see maps as instruments of intimidation and control. Hewitt charts the hostility shown to "engineer agents" by Romantic poets and writers. William Wordsworth, for all his avowed interest in the Ordnance project, was critical of those seeking to tame the countryside by means of their boxed precision instruments. The Board of Ordnance may share the enlightened conviction that the pursuit of knowledge was a sovereign good, but they preached a godless, functional clarity. For William Blake, the "esprit géométrique" that defined the national survey project was nothing short of satanic. Why enslave the human mind to universal laws and the cold hand of rationality?

Triumphantly, the Ordnance Survey has swelled over the years into a cartographical institution that comprises 403 maps in the Explorer series of the British Isles. Each region, no matter how inaccessible, possesses its own "biography" of streams, pre-Christian earth mounds, coach stations and lay-bys. In her lively and informative narrative, Hewitt highlights the Ordnance project's legion of draughtsmen, surveyors, dreamers and eccentrics, and the disagreements that flared among them. Prior to the 18th century, Britain of course had its national maps, but, emblazoned with royalist insignia or overtly patriotic, their function was

primarily symbolic. The entire nation is now mapped out in exact and unbiased detail. Something may have been lost by charting every last footpath, boulder and scree slope, but we have become more "map-minded" as a result.

*Ian Thomson's The Dead Yard: Tales of Modern Jamaica won the Royal Society of Literature Ondaatje prize 2010*

**Go to Link:>**

<http://www.guardian.co.uk/books/2010/oct/17/map-of-nation-rachel-hewitt-review>

## Laszlo Zentai's selection of websites

### 1. Studiokmo

<http://www.etsy.com/shop/studiokmo>

FEATURED ITEMS FROM STUDIOKMO



san francisco mapcut on wh...  
studiokmo \$1,100.00 USD



berlin mapcut  
studiokmo \$1,100.00 USD



madrid mapcut  
studiokmo \$1,100.00 USD



vancouver mapcut on white  
studiokmo \$1,100.00 USD

### 2. STEPMAP

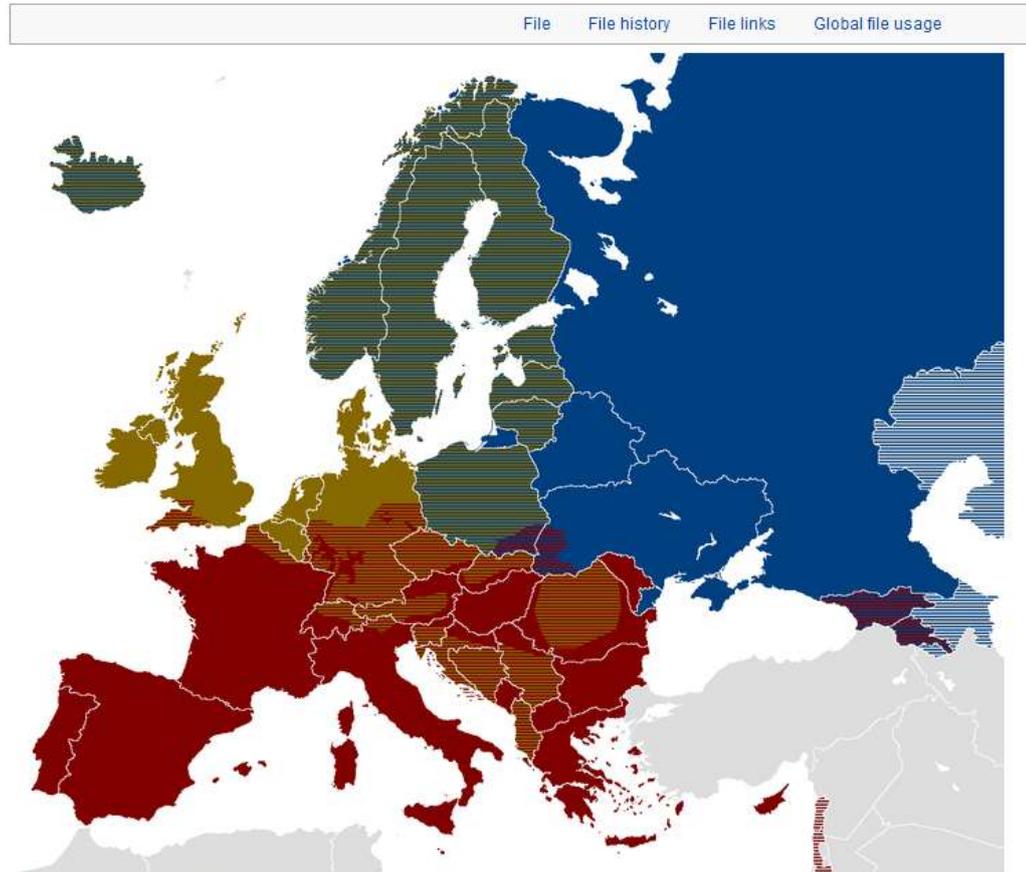
<http://www.stepmap.com/>



3. **Alcohol belts in Europe:** [http://en.wikipedia.org/wiki/File:Alcohol\\_belt.PNG](http://en.wikipedia.org/wiki/File:Alcohol_belt.PNG)

### File:Alcohol belt.PNG

From Wikipedia, the free encyclopedia



Size of this preview: 720 × 600 pixels  
Full resolution (1,200 × 1,000 pixels, file size: 46 KB, MIME type: image/png)

4. **Kartozology:** <http://www.kartozologi.no/English/index.html>  
Creative Norwegians ...

**NORWEGIAN CARTOZOLOGIC SOCIETY**

Cartozology is the science or practice of discovering and studying animals outlined paradigmatically by street layouts as they appear on maps, especially with reference to physical evidence of the animals' presence in the corresponding terrain.

[About kartozology](#)   [Friends of kartozology](#)   [News](#)

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**Oslo**  
Part of Norway



**Observation 01/2003:**  
**West Side Riesenterrier**  
Canis familiaris

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**Danmark**  
Part of Europe



**Observation 02/2003:**  
**Green Winged Sheet Butterfly**  
Papilio vindex

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**North America**



**Observation 03/2003:**  
**Nose-ringed Dala Horse**  
Equus Valla Circummaxilla

## 5. Map of Italia:

<http://www.albertoantoniazzi.com/#303561/ITALIA>

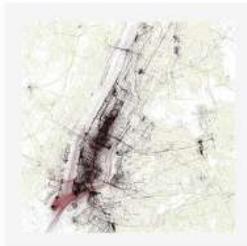


## 6. The Geotaggers' World Atlas

<http://www.flickr.com/photos/walkingsf/sets/72157623971287575/>

### The Geotaggers' World Atlas

Thumbnails Detail Map 53 comments

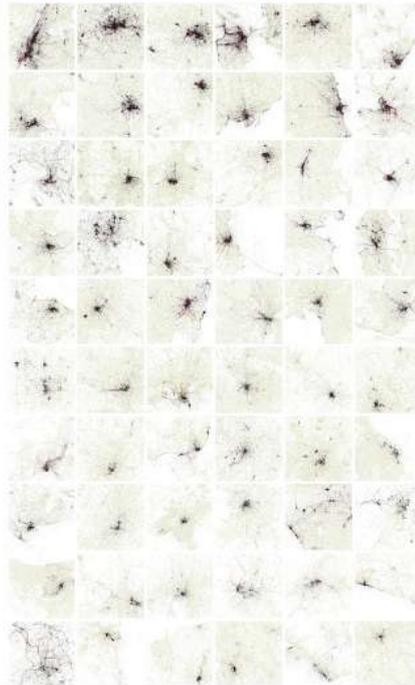


The maps are ordered by the number of pictures taken in the central cluster of each one. This is a little unfair to aggressively polycentric cities like Tokyo and Los Angeles, which probably get lower placement than they really deserve because there are gaps where no one took any pictures. The central cluster of each map is not necessarily in the center of each image, because the image bounds are chosen to include as many geotagged locations as possible near the central cluster. All the maps are to the same scale (a square measuring 15 miles on each side), chosen to be just large enough for the central New York cluster to fit. The photo locations come from the public Flickr and Picasa search APIs.

[Locals and Tourists](#) tries to map which of these pictures are taken by locals and which by tourists.

100 photos | 1,160 views

Items are from between 19 May 2010 & 23 May 2010.



## 7. [An Analysis of Corporate Geospatial Tweets](http://www.directionsmag.com/articles/an-analysis-of-corporate-geospatial-tweets/134494)

<http://www.directionsmag.com/articles/an-analysis-of-corporate-geospatial-tweets/134494>

### An Analysis of Corporate Geospatial Tweets

Wednesday, September 29th 2010

Comments

By Adena Schutzberg

Read More About: [SOCIAL NETWORKING](#)

Classified Ads:

ERDAS – The Earth to Business Company – creates Geospatial Business Systems to help organizations harness the information of the changing earth for greater advantage.

Tina Cary keeps a [list](#) of geospatial companies that tweet. Adena Schutzberg reviewed the tweets in the list for two days in September, the 9th and 10th, when the list included 130 companies. Schutzberg put the 234 tweets into 10 categories to get a sense of what was being communicated. Some tweets fell into more than one category.

In this article, Schutzberg and Cary share the categories and how many tweets each contained, and provide their observations on the data.

## 8. [A special Hungarian LBS project:](http://amorg.aut.bme.hu/projects/copi)

<http://amorg.aut.bme.hu/projects/copi>

### COPI

#### Welcome to COPI!

COPI, which stands for **Context of Personal Interest**, is an internal multiplatform mobil project of Amorg aimed at pulling out the most of **location-based social networks**. The project was started in 2008 as an umbrella for the works of BSc, MSc and PhD students. Please select from the left menu to learn more about COPI.



## 9. [Street View: Behind the scenes](http://www.youtube.com/v/e5bALLcEygc)

<http://www.youtube.com/v/e5bALLcEygc>



10. **WW II in Britain (interactive guide, Bing-Silverlight)**  
<http://news.uk.msn.com/in-depth/world-war-two/battle-of-britain/default.aspx>

Battle of Britain - An interactive experience brought to you by MSN

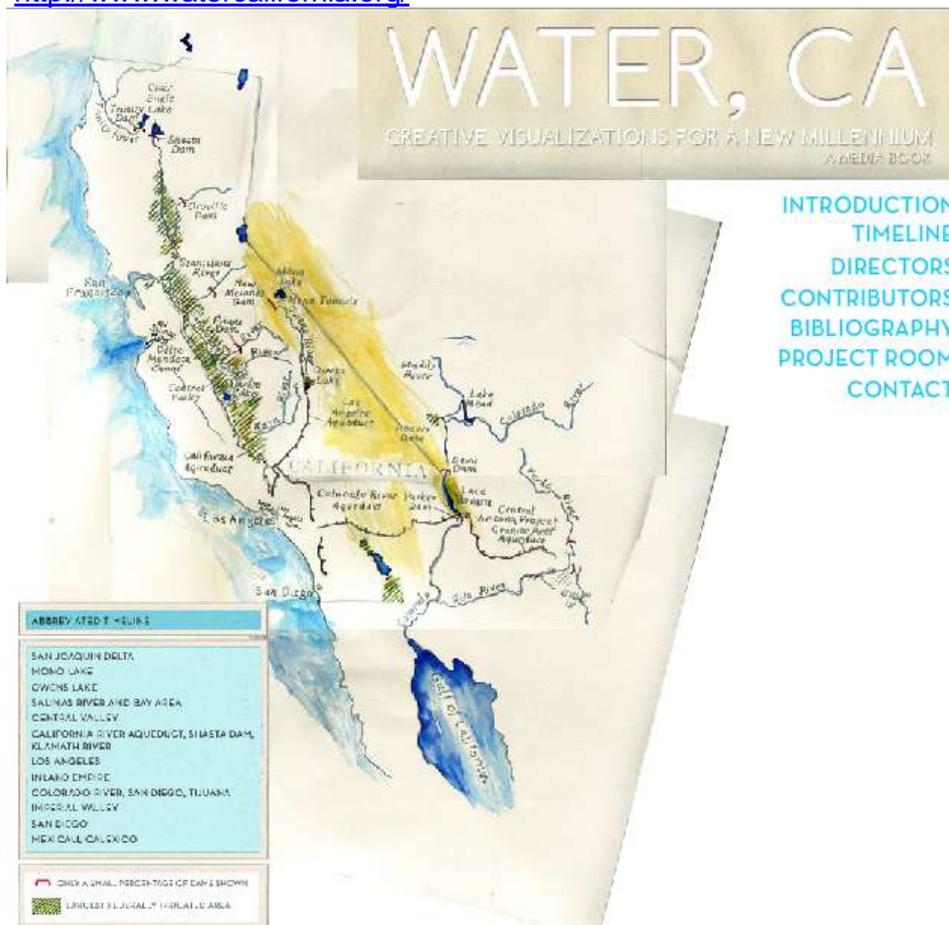
Please [install Microsoft Silverlight](#) in order to view the Battle of Britain interactive experience. You will need Microsoft Silverlight to:

- Explore photographs of the Battle of Britain
- View secret documents detailing the Luftwaffe's bombing missions.
- Contrast present-day maps with maps showing bomb damage caused by the Blitz.
- Explore the Luftwaffe's target maps.
- Get up close to some of the planes featured in the Battle of Britain with Microsoft Photosynth.

All these features require Microsoft Silverlight - Please take a few moments to [install it now](#) to not miss out!



11. **Water California**  
<http://www.watercalifornia.org/>



12. **Web2.0 Summit map:**  
<http://map.web2summit.com/>



Thanks Laszlo for these links.

## Interesting sites

Thanks go to my student, Cody Phelan, for this input.

### WikiEye

Probably the best augmented reality app to explore Wikipedia on the go. Point your camera and see what's around you.

The application uses current location data to find Wikipedia.org articles in your area and display them on the screen. Tap on the "W" icons and take a closer look at what you might be interested in seeing next.

#### Features:

- - Compass View that shows direction you're looking to;
- - Google maps integration. Find Wikipedia articles on the map;
- - Approximate distance to the objects;
- - Metric/Imperial systems support;
- - Built-in browser for Wikipedia articles.
- - Clean and nice interface.

#### Please note:

To make augmented reality work we do need digital compass in your device, so you must have iPhone 3GS to run the application.

#### Go to Link:>

<http://wikieye.endelea.ru/>

### Cartastrophe.com

#### A Village Floating off the Coast

Today's contribution comes from my friend Kate, the one with whom I was recently on a Michigan wine tour. This is a map which heads an article on the village of [Cairanne](#) and the wines which originate there:



● Cairanne

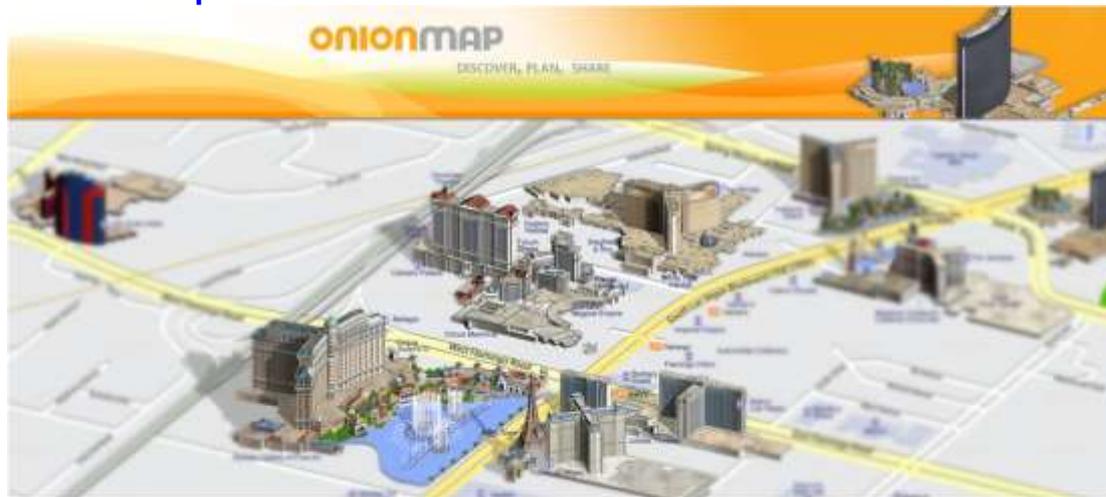
There seems to be some sort of notion out there that every map needs a legend. That, somehow, it's not a map anymore if it doesn't have one. This is patently untrue. If you know your audience can easily figure out how to read your symbols, you can probably skip it (or, at least, minimize it). Legends are for imparting literacy when your think audience lacks it. They are frequently needed, but not indispensable.

The legend on this map is clearly dispensable. I cannot fathom why the name of the village was not labeled right next to the giant red dot.

**Go to Link:>**

<http://cartastrophe.wordpress.com/>

**US.onionmap.com**



[IN-Map Submissions](#) | [Project Development](#) | [Onionmap.com](#)

**Go to Link:>**

<http://us.onionmap.com/>

## Caught in the act

### Trap Rooms

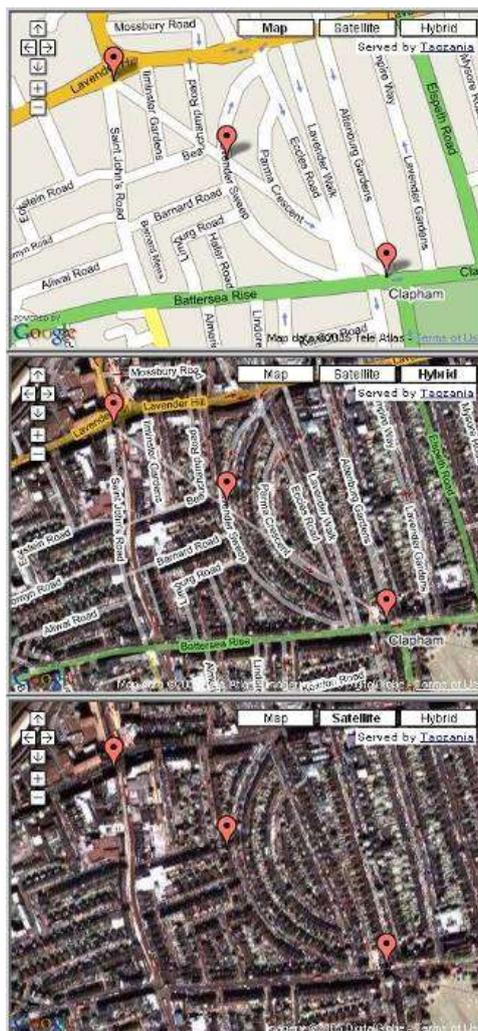
While finalizing my slides for tonight's lecture at [SCI-Arc](#), I was reading again about one of my favorite topics: [trap streets](#), or deliberate cartographic errors introduced into a map so as to catch acts of copyright infringement by rival firms.

In other words, if a competitor's map includes your "trap street"—a geographic feature that you've simply invented—then you (and your lawyers) will know they nicked your data, gave it a quick redesign and tried to pass it off as their own.

But this strategy of willful cartographic deception is not always limited to streets: there can be trap parks, trap ponds, trap buildings.

And trap rooms.

I was also reading earlier this week about the rise of internal navigation apps for mobile phones, apps that will help you to find your way through otherwise bewildering internal environments. Large shopping malls, for instance, or unfamiliar subway stations.



[Images: A "trap street" on Google Maps, documented by [Luistxo eta Marije](#)].

From the [New York Times](#):

A number of start-up companies are charting the interiors of shopping malls, convention centers and airports to keep mobile phone users from getting lost as they walk from the food court to the restroom. Some of their maps might even be able to locate cans of sardines in a sprawling grocery store.

Whichever company can upload the most floorplans before everyone else will, presumably, have quite an economic advantage. So how could you protect your proprietary map sets? What if you're the only company in the world with access to maps of a certain convention center or sports stadium or new airport terminal—how could you keep a rival firm from simply jacking your cartography?

<http://bldgblog.blogspot.com/2010/10/trap-rooms.html>

## A Visionary – Dr. Mandelbrot

### **Benoît Mandelbrot, 85; developed fractal geometry**

NEW YORK — Benoît B. Mandelbrot, a maverick mathematician who developed an innovative theory of roughness and applied it to physics, biology, finance, and many other fields, died Thursday in Cambridge, Mass., where he resided. He was 85.

Dr. Mandelbrot traced his work on fractals to a question he first encountered as a young researcher: How long is the coast of Britain? The answer, he discovered, depends on how closely one looks. On a map an island may appear smooth, but zooming in will reveal jagged edges that add up to a longer coast.

“Here is a question, a staple of grade-school geometry that, if you think about it, is impossible,” Dr. Mandelbrot told The New York Times earlier this year in an interview. “The length of the coastline, in a sense, is infinite.”

In the 1950s, Dr. Mandelbrot proposed a simple but radical way to quantify the crookedness of such an object by assigning it a “fractal dimension,” an insight that has proved useful well beyond the field of cartography.

[http://www.boston.com/bostonglobe/obituaries/articles/2010/10/18/benot\\_mandelbrot\\_85\\_developed\\_fractal\\_geometry/?p1=Well\\_MostPop\\_Emailed7](http://www.boston.com/bostonglobe/obituaries/articles/2010/10/18/benot_mandelbrot_85_developed_fractal_geometry/?p1=Well_MostPop_Emailed7)

## Cartographic Relief

### **New Esri Book a Practical Guide for GIS in Humanitarian Relief**

**Redlands, California — November 16, 2010 —** [GIS Tutorial for Humanitarian Assistance](#) uses real-world scenarios as a practical guide for responding to crises, disasters, and relief efforts around the world. New from Esri Press, the tutorial will benefit both professionals and students as they apply geographic information system (GIS) skills and analysis to humanitarian efforts in ways that can help save lives and make the most of limited resources.

GIS is an essential tool for situational awareness to improve the flow of goods and services to populations at risk. This tutorial focuses on the specific skills needed to support emergency relief efforts, with an emphasis on finding, importing, and managing spatial data in regions with poor infrastructures. The tutorial also works well as an academic textbook for intermediate and advanced college coursework or for self-study.

[http://www10.gisafe.com/nbc/articles/1/889541/New-Esri-Book-Practical-Guide-GIS-Humanitarian-Relief?interstitial\\_displayed=Yes](http://www10.gisafe.com/nbc/articles/1/889541/New-Esri-Book-Practical-Guide-GIS-Humanitarian-Relief?interstitial_displayed=Yes)

## On the Technical side of Life

### Camera Captures Images Around Corners

By [Esther Shein](#)

Read the Original Article at [InformationWeek](#)

Nov 19, 2010 (09:11 AM EST)

Researchers at the Massachusetts Institute of Technology have developed a prototype of a camera that can capture images of objects that are not directly in the line of sight.

Called a "Femtosecond Transient Imaging system," the prototype can look around corners and pulse a laser beam at extremely short time scales, about one-quadrillionth of a second. It then computes the time and distance that each pixel travels by continuously collecting light to make a 3D image of the scene. While [traditional cameras](#) estimate intensity per pixel, "our transient imaging camera prototype captures a 3D time image for each pixel and uses an ultra-short pulse laser for flash illumination," said researcher Ahmed Kirmani, in a thesis paper describing the camera.

<http://www.techweb.com/news/228300253/camera-captures-images-around-corners.html>

## Towards a 1:1 Scale Atlas - Damien Demaj contribution

### Part of Damien's email:

Hi All,

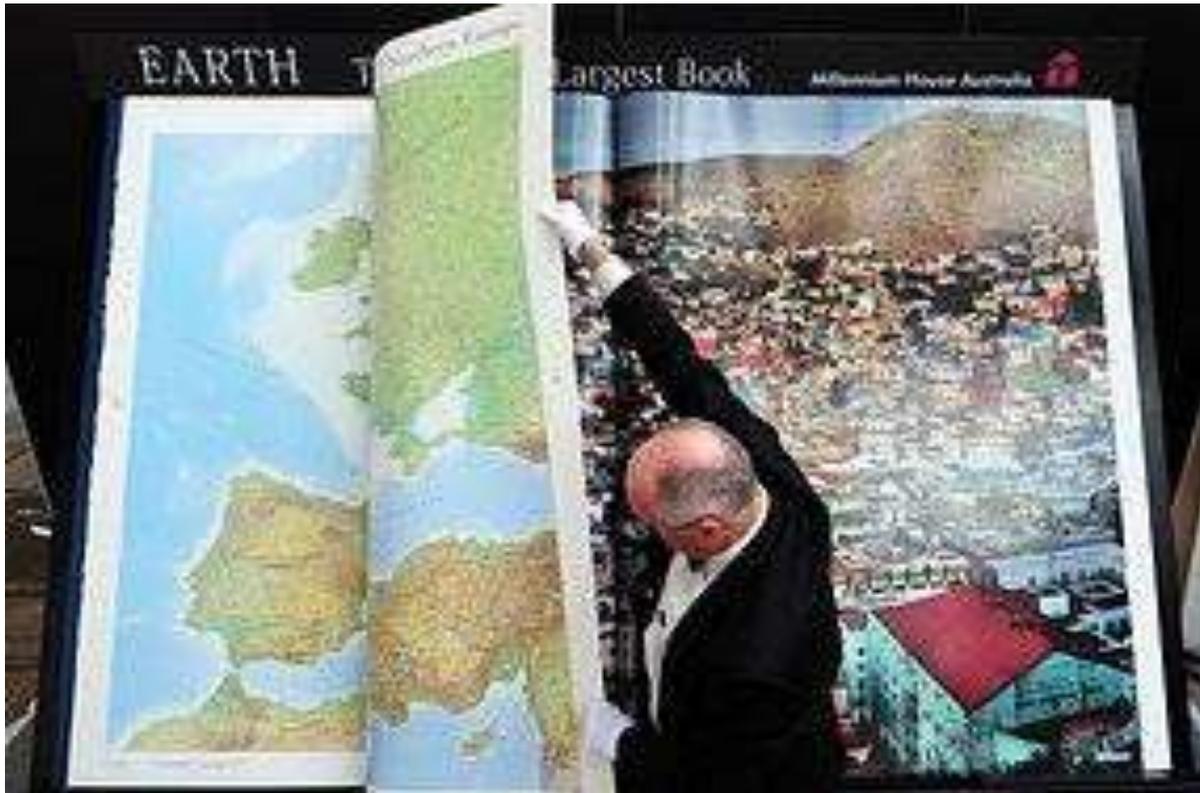
Below is an article on a new atlas from Millennium House that I have been putting together along with a few other cartographers. Earth Platinum is the name of the atlas and it is nine times bigger than Earth 'blue'! It is quite incredible!

<http://www.abc.net.au/news/stories/2010/10/06/3031388.htm>

Millennium House have launched the atlas to the world at the Frankfurt Book Fair this week. There has been a huge buzz around the launch!

Regards,  
Damien Demaj  
Cartographic Director  
[www.demap.com.au](http://www.demap.com.au)

And we thought EARTH blue edition was large! (eCARTO Editor)



The world's biggest book fair in Frankfurt is used to seeing some big book launches, but none came larger than a six-by-nine-foot (1.82 by 2.74 metres) atlas unveiled on Wednesday (Oct 6<sup>th</sup>) [Extracted from website].

## Conferences

### **Defence Geospatial Intelligence (DGI) 2011**

24 - 27 January, 2011

QEI Centre London

*The 7th Annual Geoint Conference & Exhibition*

Defence Geospatial Intelligence (DGI) is Europe's largest annual gathering dedicated to high-level discussion addressing the major challenges of the defence and government geospatial intelligence community.

### **MSIA 2011 Conference**

A celebration of 100 years of national topographic mapping 1910-2010

Monday 28<sup>th</sup> and Tuesday 29<sup>th</sup> March

University House, Australian National University, Canberra.

The conference program will comprise papers and activities that will tell the story of 100 years of national topographic mapping.

Registration details will be available towards the end of the year. Any inquiries can be directed to the Trevor Menzies, MSIA Heritage Program Manager and Conference Convener at [trevor.menzies@hotmail.com](mailto:trevor.menzies@hotmail.com) or telephone (08) 8981 3413.

### **ISPRS Joint Workshop on 3D City Modelling & Applications**

First call for papers and Announcement-ISPRS Joint Workshop on 3D City Modelling & Applications which will be held on 26-27 June, 2011 in Wuhan University, P.R. China.

In case of questions, please contact : [3dcma@lmars.whu.edu.cn](mailto:3dcma@lmars.whu.edu.cn)

For more information please consult the workshop website:

[www.lmars.whu.edu.cn/3DCMA2011.html](http://www.lmars.whu.edu.cn/3DCMA2011.html)

### **25th International Cartographic Conference**

3–11 July 2011

Paris, France

Open to researchers, engineers, students, data producers and software suppliers, the ICC 2011 will be held from 4th to 8th July 2011 at the Palais des Congrès in Paris, with simultaneous proceedings in eight meeting rooms. This conference will consider the most wide-ranging issues involving cartography and geomatics. In addition to oral presentations, sessions will be organized for the presentation of work in the form of poster displays.

[Go to link >](#)

<http://www.icc2011.fr/>

### **MODSIM 2011,**

International Congress on Modelling and Simulation,

12-16 December,

Perth, Australia,

[mssanz.org.au/modsim2011](http://mssanz.org.au/modsim2011)

*NOTE: If you are involved in a workshop, symposium or conference related to cartography please send me brief details for the newsletter.*

### **MSIA 2011 Conference -“100 Years of National Topographic Mapping”**

Monday 28<sup>th</sup> and Tuesday 29<sup>th</sup> March

University House, Australian National University, Canberra, Australia

### **2011 ANZMapS conference**

*Southern Latitudes*: 39<sup>th</sup> annual conference of the Australian and New Zealand Map Society  
State Library of New South Wales, Sydney, Australia

24 – 27 May 2011

[www.anzmaps.org](http://www.anzmaps.org)

*NOTE: If you are involved in a workshop, symposium or conference related to cartography please send me brief details for the newsletter.*

## **Hmmm!**

‘Four fonts walk into a bar. The barman says “Oi – get out! We don’t want your type in here”

As the Elizabethan Blackadder is preparing to sail around the world he's told:

*The foremost cartographers of the land have prepared this for you; it's a map of the area that you'll be traversing. [Blackadder opens it up and sees it is blank] - They'll be very grateful if you could just fill it in as you go along.*

<http://gis.stackexchange.com/questions/927/great-gis-maps-cartography-quotes>

