Sensor, Visualization and Art

# 1. Information Flow

* **Global Pulse (2011)**
* Twitter’s visualization experiments showing Twitter messages flowing into and out of Japan during the earthquake on March 11.
* More Info: <http://www.visualcomplexity.com/vc/project_details.cfm?id=766&index=766&domain>=
* Two video clips: <http://blog.twitter.com/2011/06/global-pulse.html>
* Keywords: information diffusion over social network
* My Rating: \*\*\*
* **Visualising traffic on img.ly (2011)**
* Live visualization of traffic of a small website.
* More Info: <http://www.visualcomplexity.com/vc/project.cfm?id=762>
* Live Demo: <http://node.9elements.com/>
* My Rating: \*\*

# 2. Growth

* **Welcome to the Anthropocene (2012, 3D)**
* Reveal the growth of human beings, by visualizing their main infrastructure, such as cities, roads, railways, transmissions lines and underwater cables.
* More Info: http://infosthetics.com/archives/2012/04/high\_resolution\_movie\_reveals\_the\_infrastructure\_of\_humans\_on\_earth.html
* Video clip: <http://vimeo.com/39048998> (narrated) <http://vimeo.com/40940686> (original)
* My Rating: \*\*
* **Mapping Wikipedia**
* Reveal the growth of wikipedia by visualizing places described in its articles in the world map and show the map against time.
* More Info: http://tracemedia.co.uk/portfolio/mapping-wikipedia/
* Video clip: <http://vimeo.com/channels/mappingwikipedia>
* My Rating: \*\*

# 3. Relation

* **Map of Scientific Collaborations (2011)**
* [Science-Metrix](http://www.science-metrix.com/" \t "_blank) built an intricate map of scientific collaborations between cities all over the world, between 2005 and 2009.
* More Info: http://www.visualcomplexity.com/vc/project\_details.cfm?id=747&index=747&domain=
* Keywords: correlation, co-authorship among researchers
* My Rating: \*\*
* Similar Projects:
* **Mapping Facebook Friendships (2010)**
* <http://www.visualcomplexity.com/vc/project_details.cfm?id=749&index=749&domain>=
* My Rating: \*\*
* **Circle of Trust (2011)**
* Visualizing data from Google+, revealing “asymmetric relationships”
* More Info: <http://www.visualcomplexity.com/vc/project_details.cfm?id=769&index=769&domain>=
* My Rating: \*\*\*

# 4. Fashion

* **Color Forecast (2012)**
* Predict the trendy color by capturing colors people are currently wearing in Paris, Milan and Antwerp.
* More Info: <http://infosthetics.com/archives/2012/04/color_forecast_what_colors_are_people_wearing_in_the_street_today.html#extended>
* My Rating: \*\*\*
* Similar project:
* **micro fashion network (2005)**

<http://plw.media.mit.edu/people/arikan/2005/microfashionnetwork/>

* My Rating: \*

# 5. Decoding

* **Barcode Plantage (2008)**

Decodes the barcode. Neat visualization.

More Info: <http://www.visualcomplexity.com/vc/project.cfm?id=606>

Live Demo: <http://www.barcode-plantage.com/applet/bp.html>

* My Rating: \*\*\*
* **Writing Without Words (2008)**
* Text parsing and showing the structure of a literature work.

More Info: <http://www.visualcomplexity.com/vc/project_details.cfm?id=574&index=44&domain=Art>

* My Rating: \*\*

# 6. Movement track

* **The Geotaggers' World Atlas (2010)**
* determined the speed at which photographers travelled by analyzing their photos' timestamps and geotags from Flickr and Picasa.
* URL: [http://www.flickr.com/photos/walkingsf/sets/72157623971287575/](http://www.flickr.com/photos/walkingsf/sets/72157623971287575/" \t "_blank)
* Keywords: travellers’ moving patterns
* My Rating: \*\*

# 7. Prefrence analysis

* **See something or say something (2011)**
* visualizations mapping Flickr(orange) and Twitter(blue) against each other, in major cities around the world
* URL: [http://www.flickr.com/photos/walkingsf/sets/72157627140310742/](http://www.flickr.com/photos/walkingsf/sets/72157627140310742/" \t "_blank)
* Keywords: user preference of digital products
* My Rating: \*\*

# 8. Society participation

* **Ecotonoha (2004)**
* A virtual tree that will grow as people leave message for it. About global warming and environment protection.
* More Info: <http://www.visualcomplexity.com/vc/project_details.cfm?id=201&index=9&domain=Art>
* My Rating: \*\*

# Information Sources

* These are websites that I found interesting & helpful:
* <http://www.visualcomplexity.com/vc/>
* <http://infosthetics.com/>