

Web 2.0, Neogeography and Virtual Worlds: Digital Geography

Andrew Hudson-Smith

Centre for Advanced Spatial Analysis

University College London



Quick Outline

- Web 2.0
- User Videos
- Mapping Revolution
- Blogging
- Gaming and Web 2.0
- Second Lives



Quick Outline

- Web 2.0
- User Videos
- Mapping Revolution
- Blogging
- Gaming and Web 2.0
- Second Lives

Second Lives



Web 2.0

Thousands of New Companies

Many New Buzzwords:

- Neogeography
- Crowd Sourcing
- Collective Knowledge
- Volunteered Geographic Information

- New Data
- New Knowledge
- New Geography
- Neogeography

Click for Movie
Resized from original for web based distribution

Neogeography: Everyday Geography

- Turner 2006: a Neogeographer uses a mapping API like Google Maps, talks about GPX vs KML and geotags his photos of his summer location.

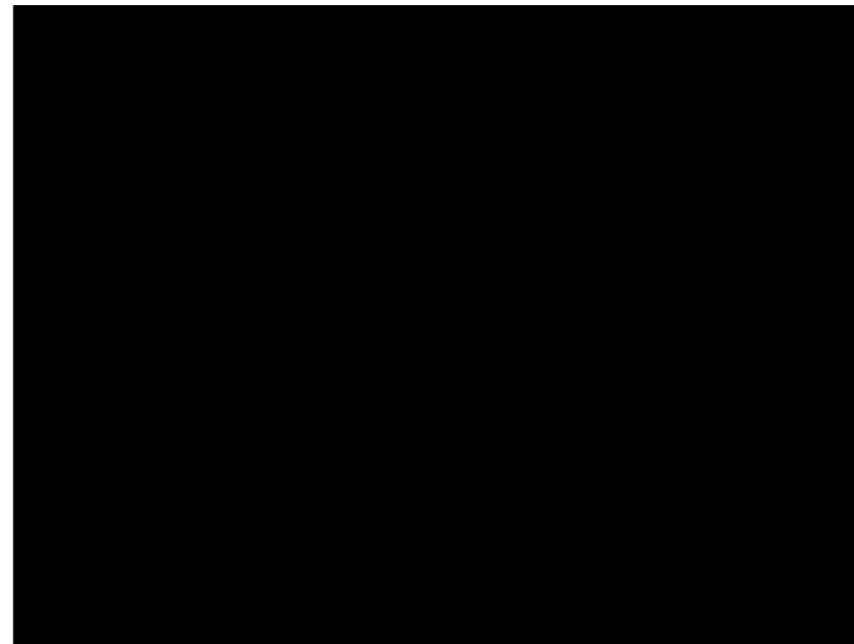
That was then, this is now:

- 2008: a Neogeographer makes maps using simple toolsets such as Google MyMaps and geotags their photographs of their summer location.

Simple as that, 'no API's' no 'GPX/KML Coding' just Web 2.0 Point and Click 'User Content' -

Welcome to the New World: [Web 2.0 and Geography](#).....

YouTube



Click for Movie - Resized from original for web based distribution

The Mapping Revolution



DIGITAL GEOGRAPHY *in a* **WEB 2.0 WORLD**



The Mapping Revolution

Google™

Mapping

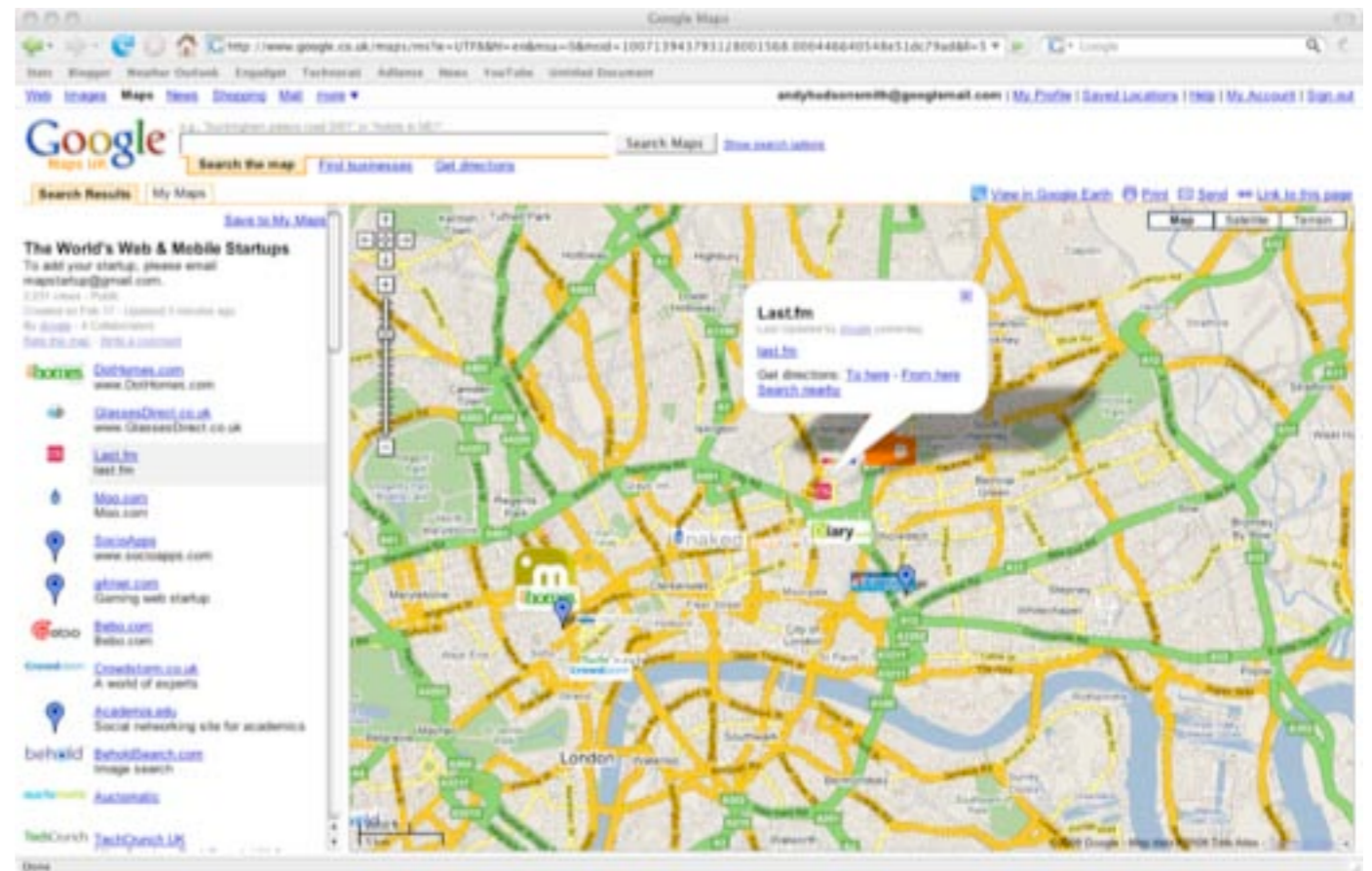
- Google 'My Maps':

Simple,
Easy to Use,
Collaborative,
Free;

- Ordnance Survey 'Open Space'

- MapTube:
see www.maptube.org

- OpenStreet Map
see www.openstreetmap.org



Mapping

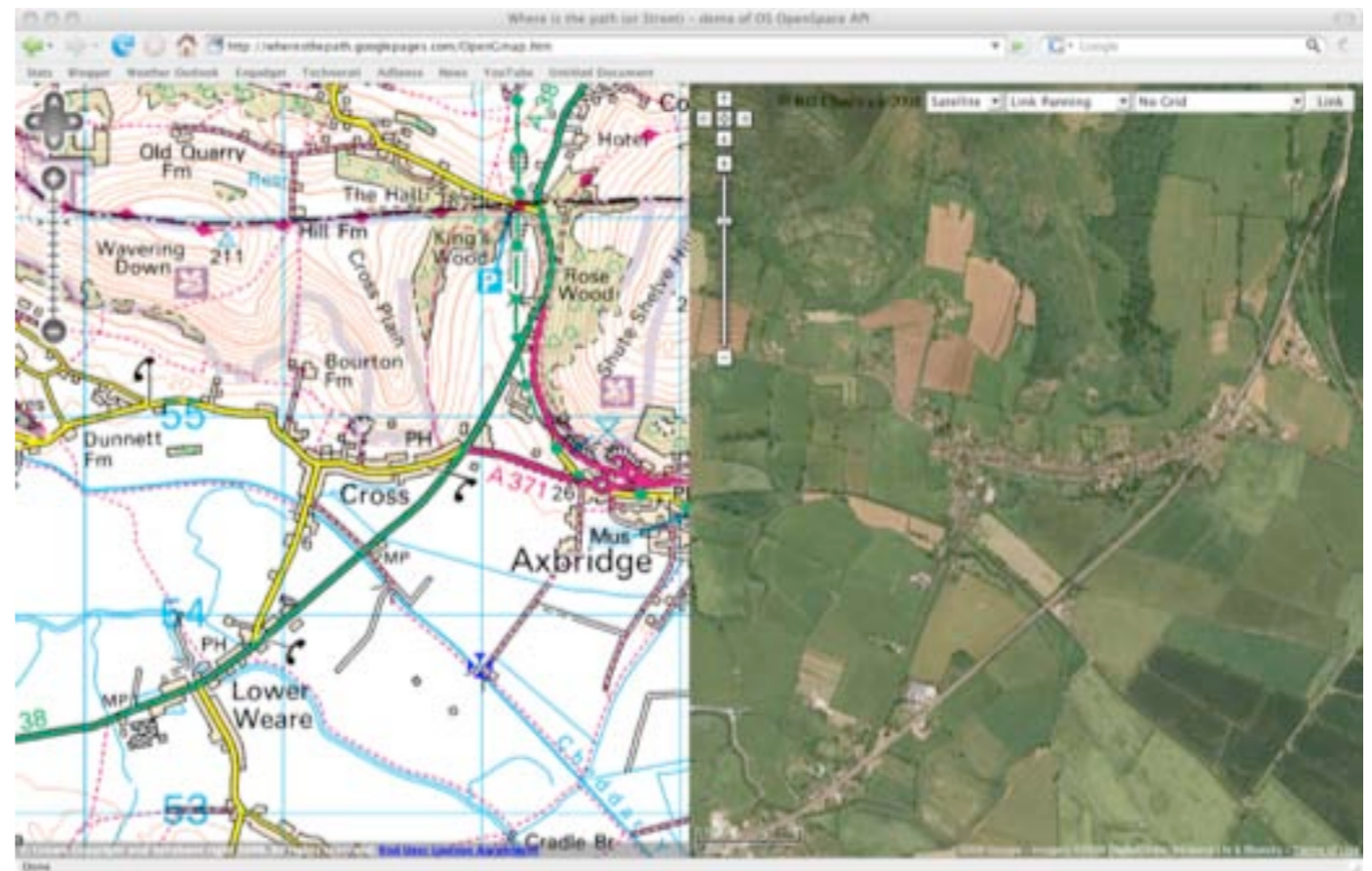
- Google 'My Maps':

Simple,
Easy to Use,
Collaborative,
Free;

- Ordnance Survey 'Open Space'

- MapTube:
see www.maptube.org

- OpenStreet Map
see www.openstreetmap.org



Mapping

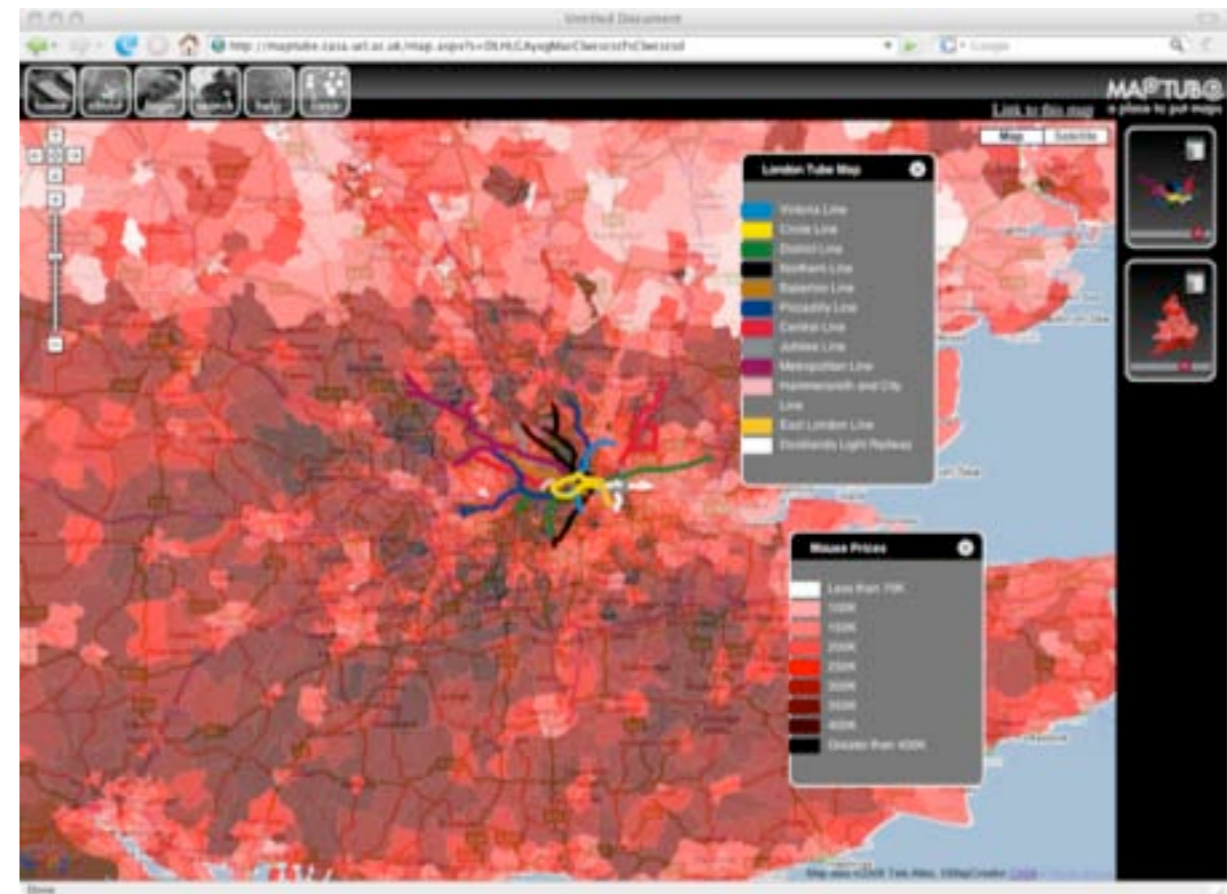
- Google 'My Maps':

Simple,
Easy to Use,
Collaborative,
Free;

- Ordnance Survey 'Open Space'

- MapTube:
see www.maptube.org

- OpenStreet Map
see www.openstreetmap.org



Mapping

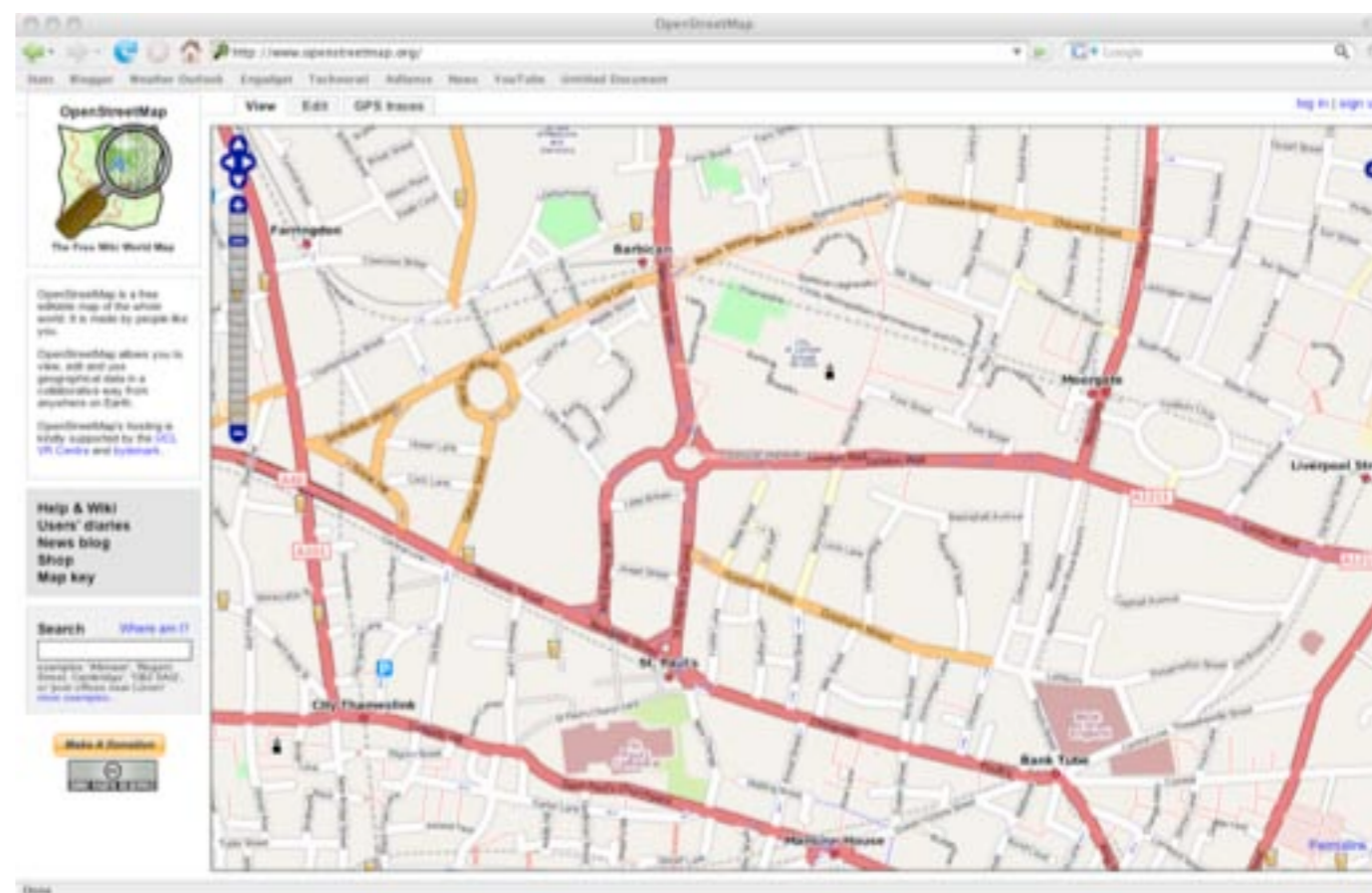
- Google 'My Maps':

Simple,
Easy to Use,
Collaborative,
Free;

- Ordnance Survey 'Open Space'

- MapTube:
see www.maptube.org

- OpenStreet Map
see www.openstreetmap.org



Mapping

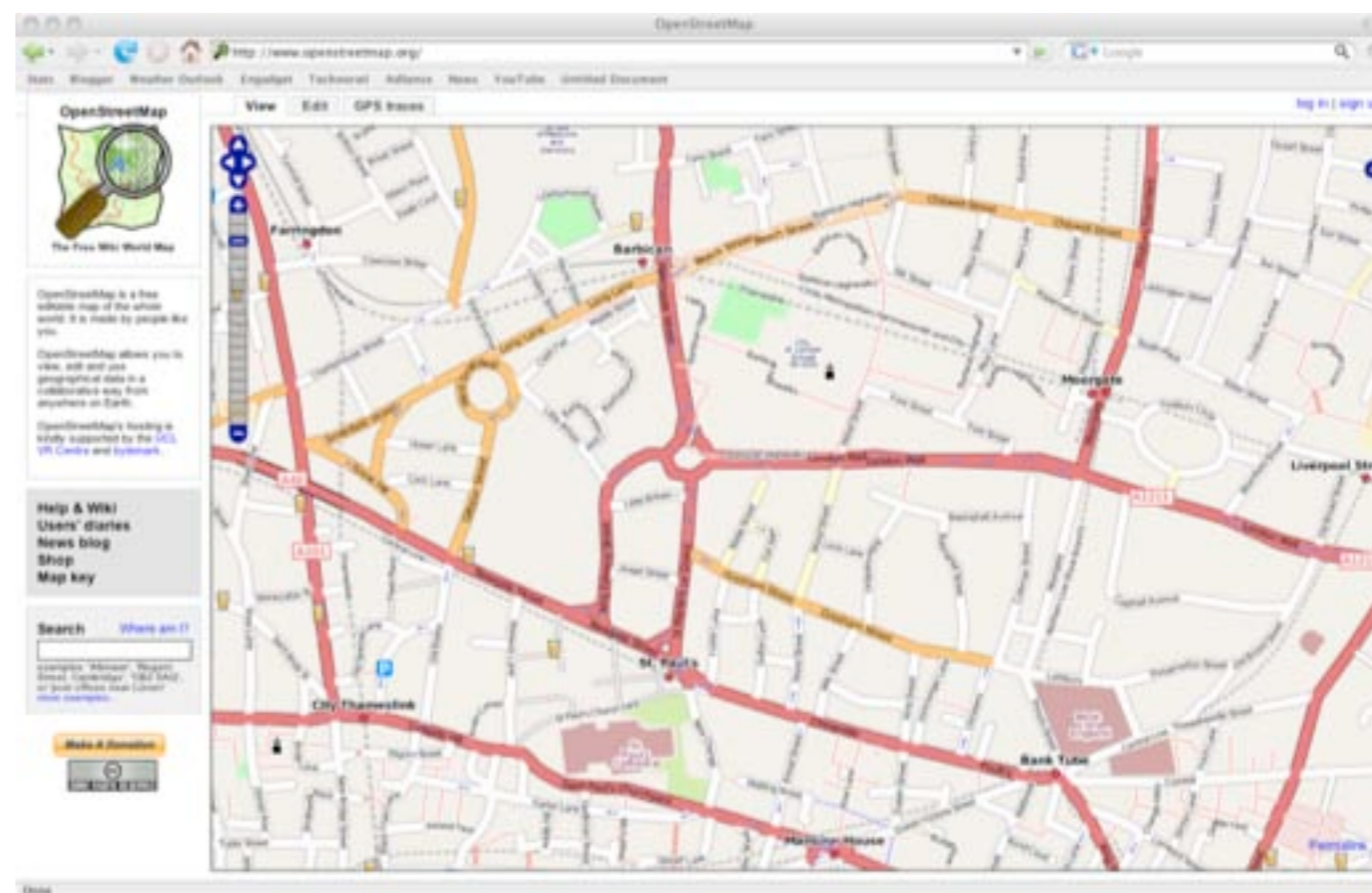
- Google 'My Maps':

Simple,
Easy to Use,
Collaborative,
Free;

- Ordnance Survey 'Open Space'

- MapTube:
see www.maptube.org

- OpenStreet Map
see www.openstreetmap.org



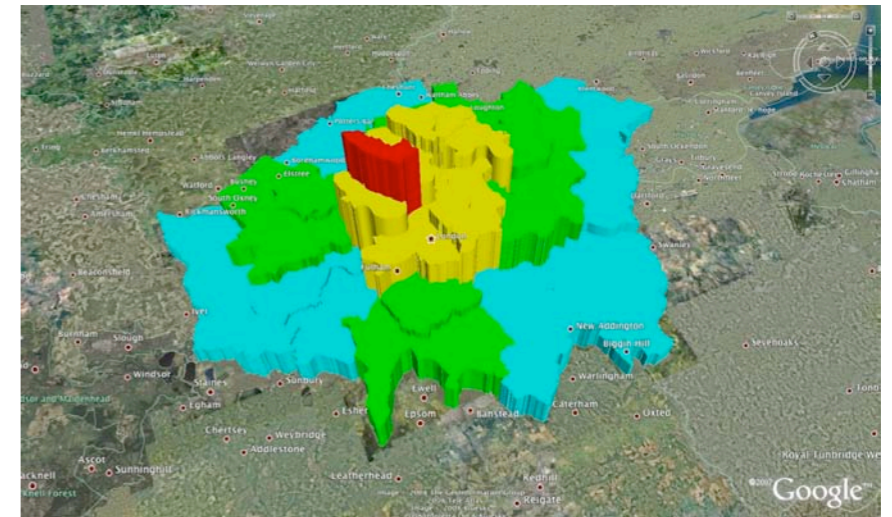
Digital Earths



[Click for Movie](#) - Resized from original for web based distribution

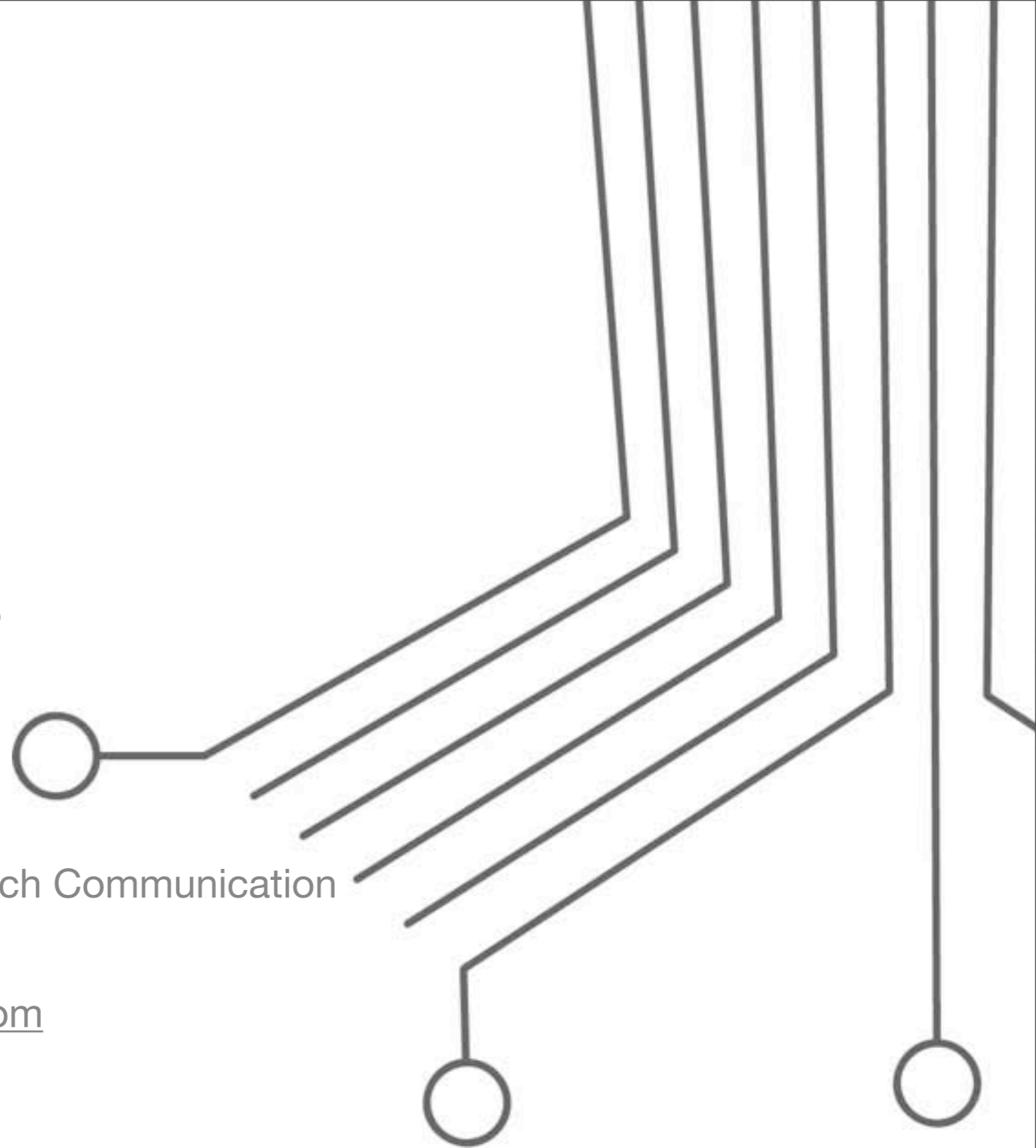
Digital Earths

- Microsoft has Teamed up with ESRI...
- Google is 'User Created Content'
- Our 'Google Earth Creator' Launches Summer 2008
- Its all about Data, Ease of Use and Communication



Blogging

- A Personal Diary?
- A Breaking News Outlet?
- An Easy to Use Publishing System?
- A Way to Outreach and Share....
- Free, Easy & Quick - Instant Research Communication
- <http://www.digitalurban.blogspot.com>



The Blogs

- Invaluable Information Resource
- Blogs from Leaders in the Field
- Instant News
- Should all Labs/Researchers have a Blog? (of course....)



<http://www.blogger.com>

The Blogs

- Invaluable Information Resource
- Blogs from Leaders in the Field
- Instant News
- Should all Labs/Researchers have a Blog? (of course....)



<http://www.blogger.com>

The Blogs

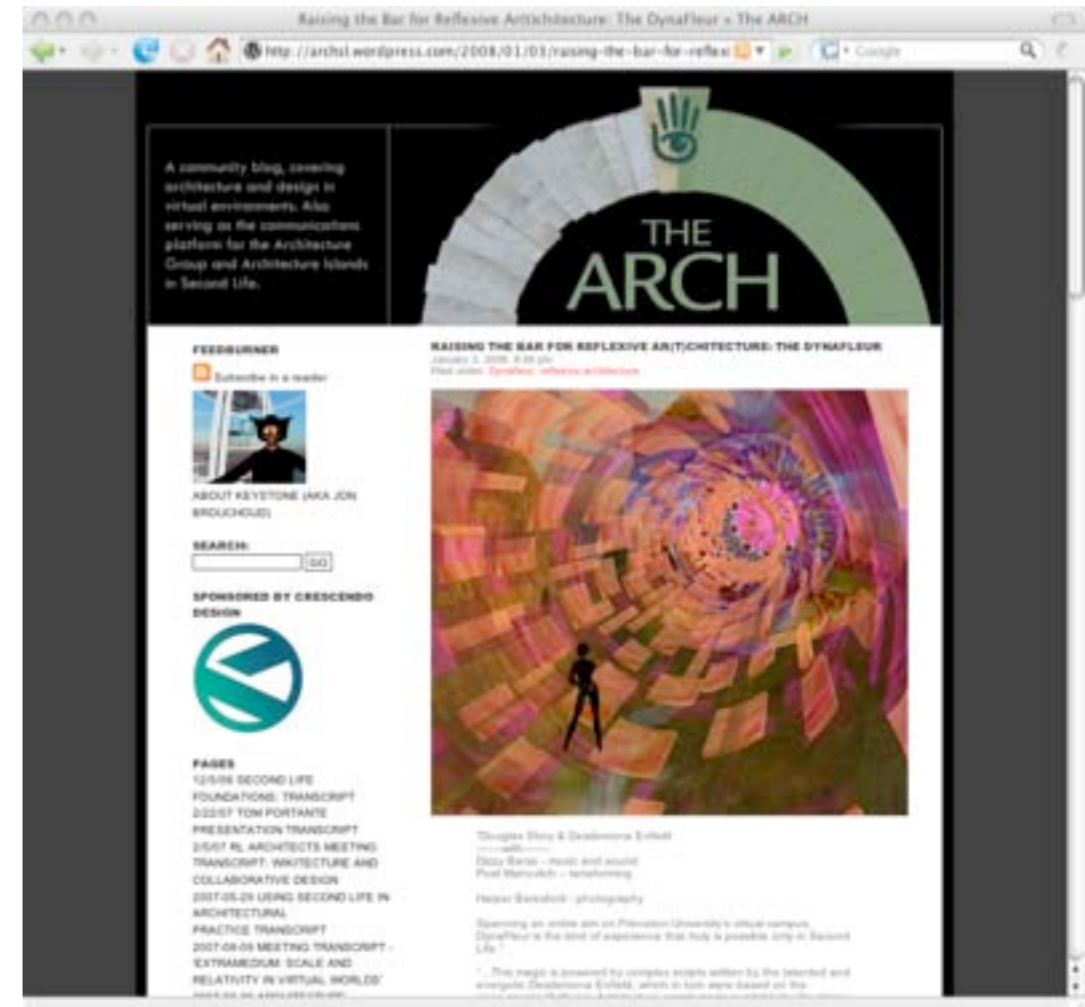
- Invaluable Information Resource
- Blogs from Leaders in the Field
- Instant News
- Should all Labs/Researchers have a Blog? (of course....)



<http://www.blogger.com>

The Blogs

- Invaluable Information Resource
- Blogs from Leaders in the Field
- Instant News
- Should all Labs/Researchers have a Blog? (of course....)



<http://www.blogger.com>

The Blogs

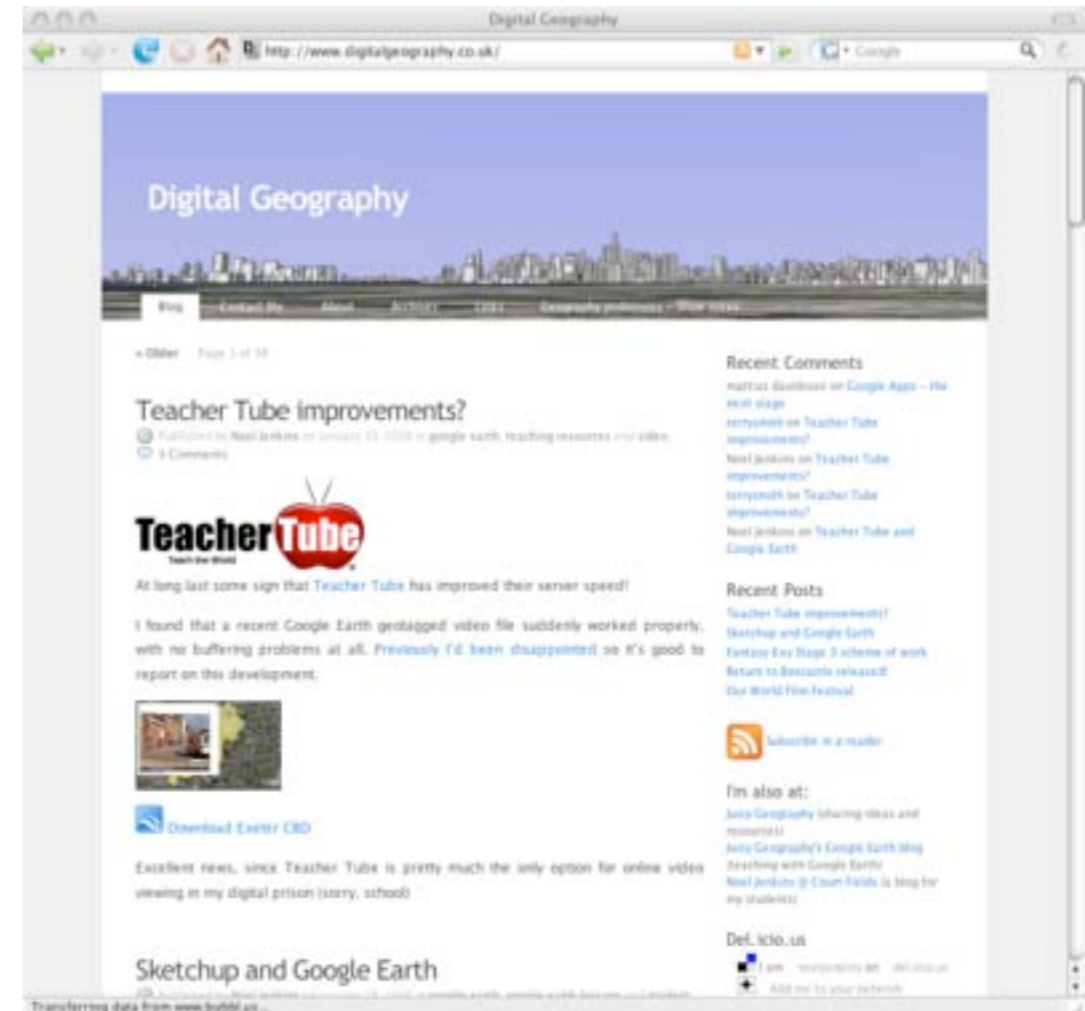
- Invaluable Information Resource
- Blogs from Leaders in the Field
- Instant News
- Should all Labs/Researchers have a Blog? (of course....)



<http://www.blogger.com>

The Blogs

- Invaluable Information Resource
- Blogs from Leaders in the Field
- Instant News
- Should all Labs/Researchers have a Blog? (of course....)



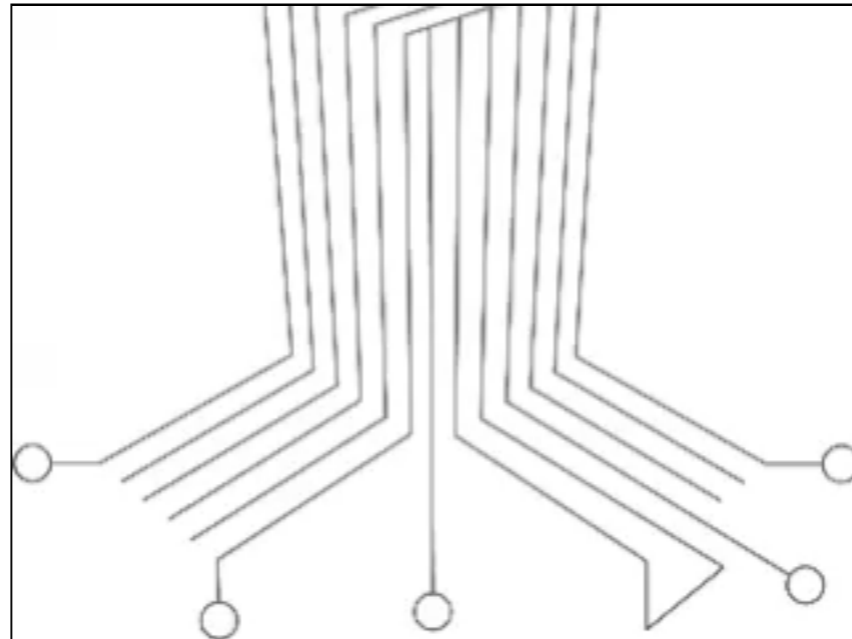
<http://www.blogger.com>

Web 2.0 and Gaming

- Early Days for Gaming and Web 2.0
- User Content is However a Vibrant Scene 'Mods'
- Games are Powerful and Low Cost
- They are not 'Games' but 'Visualisation & Data Engines'
- User Created Games is the next Big Thing 'Little Big Planet' PS3



Web 2.0 and Gaming

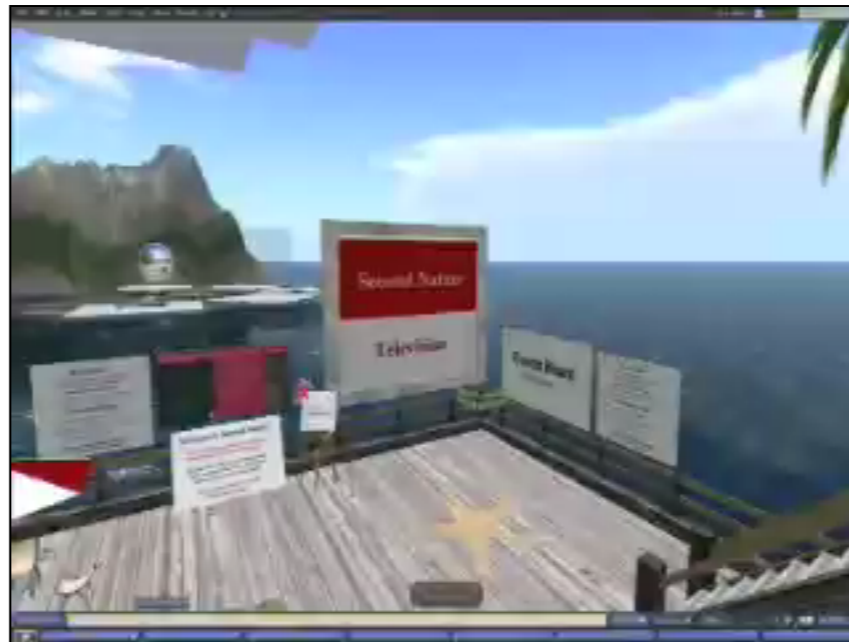


[Click for Movie - Resized from original for web based distribution](#)

Second Lives



Second Lives



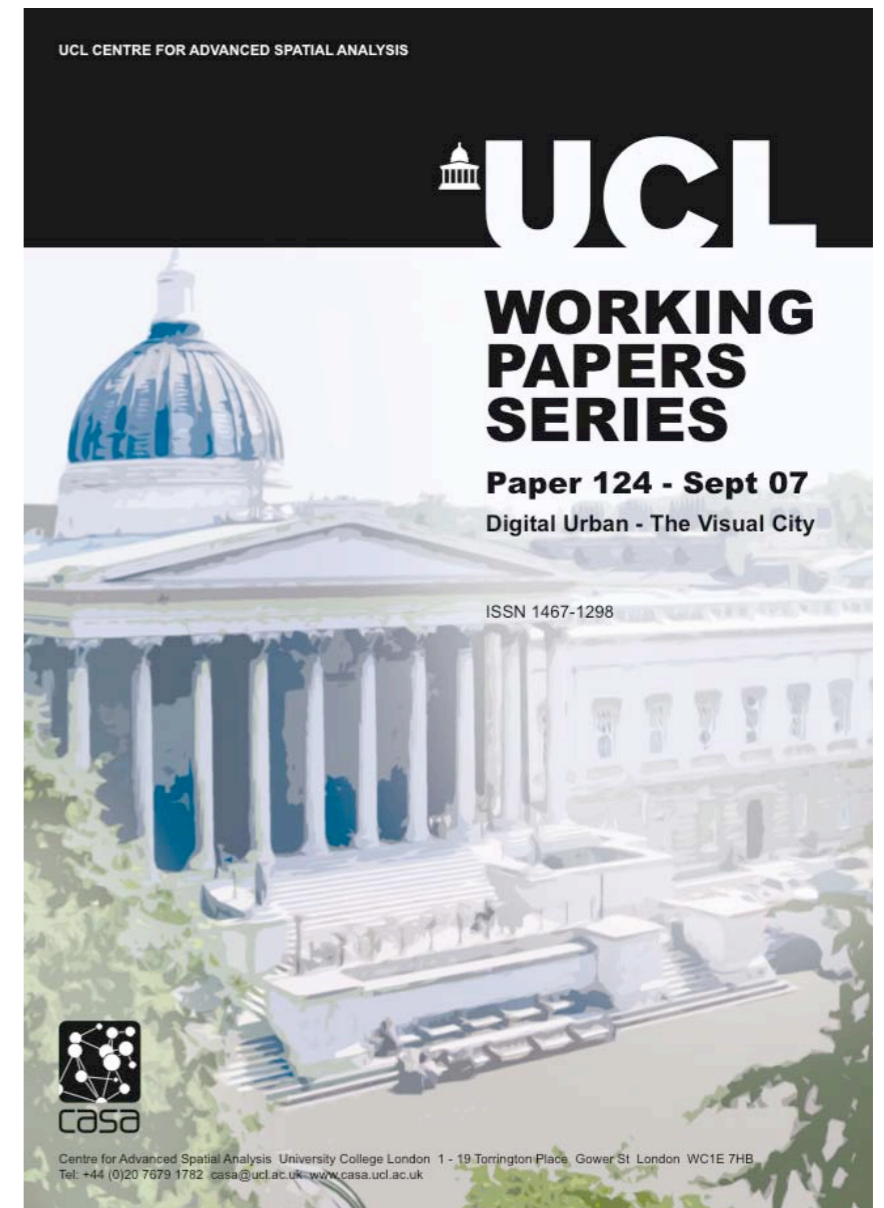
[Click for Movie - Resized from original for web based distribution](#)

Working Papers

- Virtual Cities: Digital Mirrors into a Recursive World
- Digital Urban: The Visual City
- Public Domain, GIS, Mapping & Imaging Web-based Services

www.casa.ucl.ac.uk

www.digitalurban.blogspot.com



Thanks to

- The GeoVUE Team at CASA

Sonja Curtis - MapTube Design

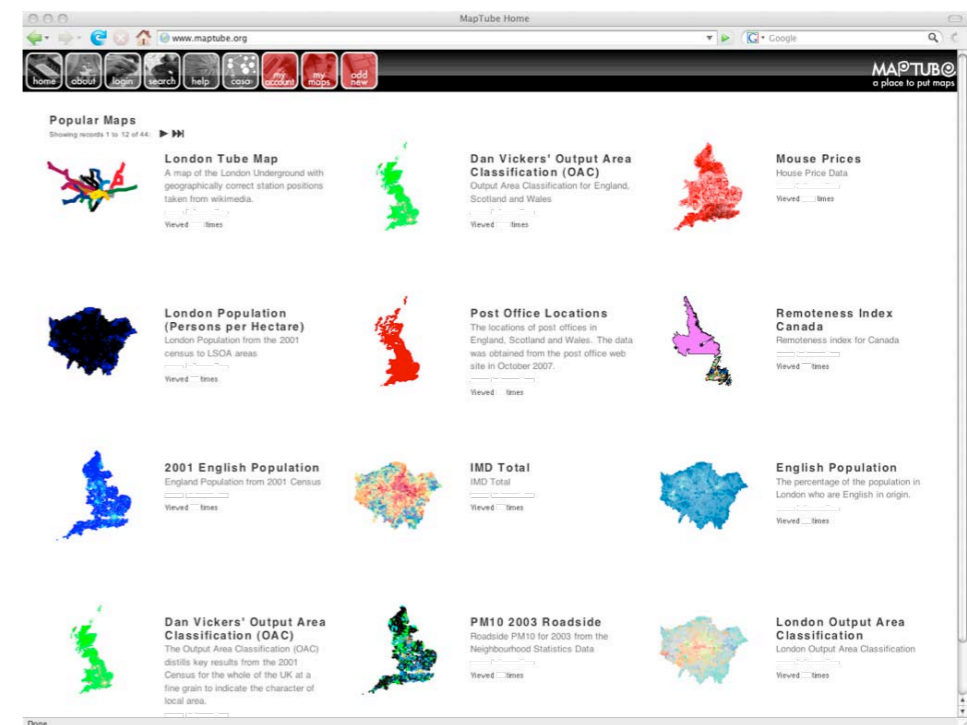
Joel Dearden - Second Life

Richard Milton - Software Coding

Duncan Smith - Virtual London

Mike Batty

Paul Longley & the UCL Splint Team



Thank You

- Booklet available at the Wine Reception or via the Blog
- Digital Urban 'The Book' available Summer 2008

asmith@geog.ucl.ac.uk

