Geographies of Place
Tools for Map Making Workshop

Keith Clarke
Professor, Geography
October 15th, 2010

Loose ends

• Cartograms
• GoogleEarth community
• Webcams
• Google Streetview
• Sketch-Up and 3D
• Campus GIS
• GPS and tracking

Cartograms

• A map in which the area of features is made proportional to some value associated with the feature
• Can be contiguous or non-contiguous
• Until recently required significant work to create
  • See: http://www.ncgia.ucsb.edu/projects/Cartogram_Central/

Some cartograms
You can make cartograms!

Webcams

• “webcams combine a geographical embeddedness in time and space with an Internet distribution of information. As such, they can be seen both as an extension of camera applications and of online information sharing and participation.” Johansson (2008)
• Weather www.wunderground.com/webcams/
• National Parks www.nature.nps.gov/air/webcams/
• Many available via GoogleMaps/Earth
• For example: http://www.bookstore.ucsb.edu/home/webcams.html

Smile, you’re on camera!

Campus network
Volunteered content: Panoramio

Volunteered video/webcams

3D Campus Model/Warehouse

3D Buildings/Flat trees
Sketch-Up

Object creation/texturing

Placing the model

Share over the Internet
Eartha

Campus GIS

e.g. Bike Paths, enrollments

Bike path data
Recording Tracks

iPhone GPS MotionX

Trackstick/GPS art