

Pragmatic Mapping for the Humanities: Workshop, Wed 15 - Fri 17 April 2009

Digital Innovation Unit, University of Sydney

Title	Pragmatic Mapping for the Humanities: An introduction to low-cost methods for collecting and analysing location data and creating interactive maps on the web
Dates	2 day workshop Wed 15 -Thu 16 April 2009 1 day data clinic Fri 17 April 2009
Content	<p>Workshop (2 days)</p> <p>The evolution of the Web has made mapping software and map data freely available, but how useful is this for research, teaching and consulting, and how do you choose and set up appropriate tools?</p> <p>In this two day workshop, we will shortcut the process by explaining the basics of mapping applications and data sources, presenting numerous examples of ways in which maps can be used in sometimes unexpected contexts, and giving you the confidence to create interactive maps online from your own data. We will also cover overall planning, data collection in the field or working with volunteers, assessing map resources, and use of digital maps in publication.</p> <p>Topics to be covered include:</p> <ul style="list-style-type: none">• Introduction to maps and map reading, coordinates, projections etc.• Concepts, jargon and tools, from ArcGIS to mashups• Free and low-cost data sources of map data• Turning archives and historical sources into data• Dealing with census and demographic data• Using and understanding historical maps and other map documents• Tracking people and photographs with GPS and mobile phones• Exploiting the potential of social networking and user-created content• Field data collection and ground-truthing with mobile devices• Using satellite and aerial photographs to map data• Turning databases into maps• Google Maps, Google Earth and OpenLayers• Introduction to GIS programs (including ArcGIS)• Creation of publication-quality maps <p>Data clinic (1 day)</p> <p>The third day of the workshop (optional) will give you a chance to work on your own data with the support of the unit's GIS, Remote Sensing and database specialists.</p>

Pragmatic Mapping for the Humanities: Workshop, Wed 15 - Fri 17 April 2009

Digital Innovation Unit, University of Sydney

Who is it for?	Anyone who wishes to learn more about maps and spatial data, where to acquire free or low-cost mapping resources, and how to deliver maps on the web.
Technical Skills	Participants will need a basic understanding of databases and maps, but need not have had any prior experience of using GIS or creating digital maps.
Cost	Workshop, 2 days Full Registration A\$400, Students* and University of Sydney Faculty of Arts staff A\$200 Workshop + Clinic, 3 days Full Registration A\$600, Students* and University of Sydney Faculty of Arts staff A\$300 * Cost includes GST. Student registration requires proof of full time enrolment.
Venue	Digital Innovation Unit, Room 314, Madsen Building, University of Sydney
Contact	Martin King (02) 9351 7667 or mking@acl.arts.usyd.edu.au
Instructors	Andrew Wilson, Arianna Traviglia and Steven Hayes
Booking	Please complete the registration form providing contact details and return to Pei Cai (Fax: +61-2-9351-8074 Email: pei.cai@usyd.edu.au)