GIS FOR PLANNERS

The University of Melbourne - 6, 7 and 8 December 2011

Practical computer-based courses for planners designed to make mapping easy by using free software and data

Each day course is accredited with 7.5 PIA Professional Development (PD) points

Who should participate?

The workshops are relevant to most *strategic and economic planners* that conduct local, regional and statewide analyses. *Statutory and environmental planners* in the private and public sector that participate in the assessment of significant residential and commercial planning applications will find these courses useful. Also, those planers that are required to serve as expert witnesses in contentious cases will benefit.

Social and community planners will also benefit from these courses as tools and datasets used have direct relation to demographics and relevant analyses.

For more information:

www.mccp.unimelb.edu.au/gisforplanners

Or contact:

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Courses Details

Time: 8:30am-5:00pm

Venue: E-learning Studio, Percy Baxter - Level 1, Baillieu Library, University of Melbourne - Parkville Campus

Price: Any course: $825 inc GST.

Price Includes morning tea, lunch, afternoon tea and all workshop materials including mapping data and open source software

Course Presenter: Dr. Daniel Paez is a civil engineer with a PhD from The University of Melbourne. He has significant experience in planning and has published and presented extensively on topics including digital mapping, strategic transport planning and land-use assessments.

Daniel has worked for local and state governments in policy development and currently works for the Department of Transport in Colombia. He is an honorary fellow of The University of Melbourne.

Basic GIS mapping introductory course (Tuesday 6 Dec)

This workshop introduces planners to GIS. It is designed for novice users of GIS technology to produce maps and analyses to industry standard that can be used in other CAD software or typical reports.

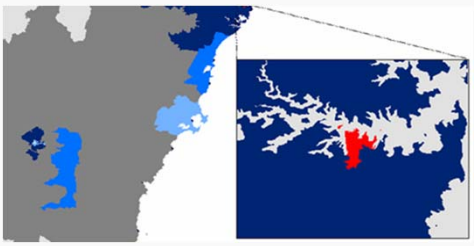
During Day 1, participants will gain an understanding of core GIS concepts so they can produce digital maps in their daily work. Much of the workshop is devoted to hands-on application using real information and examples from planning cases.

At the end of the day, participants will be able to find data, including aerial photographs, and use it to produce basic maps for planning applications, strategic plans, community analysis and much more.

Data analysis and cartography (Wednesday 7 Dec)

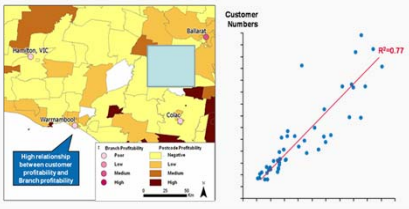
In this hands-on workshop, participants will advance their knowledge in GIS mapping. They will learn practical applications including 'sheds analysis', 'visualisation', cartography and statistical analysis. Developing professional maps and graphical representations of complex concepts that are accessible to stakeholders, is also learnt in this course.

The prerequisite for this course is completion of the basic introduction course (Day 1) or having knowledge in mapping areas, including data formats, mapping software and coordinate systems.



Census data and its applicability in planning (Thursday 8 Dec)

This new applied GIS workshop introduces planners to the brand new Census 2011 and focuses on the direct application of this census data to planning. Fundamentals covered in this course include: what is the census data, where can it be found and how can the data can be utilised with GIS mapping tools and spreadsheet software, such as excel.



Participants will learn to conduct basic analysis of the data and also time series analysis between different years of the census. Free census and mapping data is provided. There are no prerequisites to this course.

Testimonials from participants of previous courses

'I enjoyed the course. It was helpful and I will certainly implement a lot of what was taught in the course'
(Participant, Basic GIS mapping introductory course, July 2011)

'This was a very helpful way to learn more about GIS as it can be very hard trying to figure it all out alone!'
(Participant, Data analysis and cartography, July 2011)