Welcome to the October/November update, another productive time for the Centre. Thank you to those who were able to attend our ‘National Land Information Infrastructure Research’ seminar held on Tuesday 13 November 2012 at the University of Melbourne. The research outcomes of the NIMLI project were presented, as well as an overview of other land-related research conducted at the Centre. The progress of the 3D Land and Property Management (3D cadastral) project was well-received and brought about discussions on the importance of 3D land and property research. A booklet containing a collation of this land research was launched and distributed to the attendees on the day and a digital version of this research snapshot is also available on our website at: www.csdila.unimelb.edu.au

We shall continue to keep you updated and informed on the progress of the 3D Land and Property research conducted at the Centre. As always, we would be delighted if you have any news or input for this newsletter and hope you find this edition informative and engaging.

Abbas Rajabifard

NEWS

NIMLI Seminar
The NIMLI Seminar held on Tuesday 13 November 2012 at the University of Melbourne, showcased the Land and Property Information in 3D Project. The presentation was very well received and stimulated discussions regarding the importance a collaborative approach in land and property management.

3D Cadastral China Workshop
The Third International FIG Workshop on 3D Cadastres, was held 24 – 26 October, Shenzhen, China. Serene Ho and Davood Shojaei participated and presented at the workshop, which validated the approach and direction of their research, as well as highlighting and confirming the complexities of the 3D domain.

Project Partners

3D Component Update

3D Cadastral Data Visualisation
Davood recently met with Mr David Hassett, GIS Team Member, Property Services, City of Melbourne, to discuss his student placement. Davood is studying the processes regarding land and property management to extract visualisation requirements to develop the 3D visualisation for 3D property management.

3D Cadastral Data Modelling
Ali has submitted his paper ‘Utilising Data Modelling to Understand 3D Cad’ to the international journal Computer, Environment and Urban Systems. He also has submitted an abstract ‘Extending ePlan for 3D Cadastres’ for the Surveying & Spatial Science Conference 2013, which has been accepted and considered for a peer-reviewed paper.

Industry Placements
As part of the 3D land and property project, members of the 3D team have been recently placed at Land Victoria and the City of Melbourne. From this, Ali Aien, Davood and Serene presented their research to Land Victoria in October and received invaluable feedback, which will be of consideration in their research design.

The placement will come to a close this month and begin again in the New Year; in the meantime, Serene and Davood will consolidate their research with the aim of producing a case-study paper.

Visiting Scholar
Associate Professor Kevin McDougall, Deputy Associate Dean, Faculty of Engineering and Surveying, The University of Southern Queensland has spent time these last months collaborating with the Centre on the 3D Land and Property Project. We wish to maintain this close-working relationship with Kevin and thank him for providing invaluable input into the institutional aspects of the 3D project.

Awards
The Centre continues to attract interest and positive feedback within the 3D field. Congratulations goes to Davood who recently accepted an award for ‘Best Paper’ presented at the Postgraduate Conference in the Geomatics discipline, Department of Infrastructure Engineering, the University of Melbourne.

Congratulations also goes to Aastha Sharma and Isabel Pacheco, the undergraduate students affiliated with our 3D project, who won ‘Best Project’ at the recent Melbourne School of Engineering’s annual Endeavour Design Expo 2012, open to the public and industry, for their project entitled ‘3D Property Map and the Institution of Property & Land Administration in Victoria’. The project is currently supervised by Abbas Rajabifard and Serene Ho.