



GIS in Local Government Seminar

Friday 1 April 2022



1.00pm	Registration – Adelaide Room, Royal Coach Hotel
1.30pm	Welcome Graham Walker <i>SA Region Chair, SSSI</i>
1.35pm	<p>Planning System Spatial Data Sets Bill Watt <i>Manager, Spatial Mapping, Planning & Land Use Services, Attorney-General's Department</i> A high level overview of how the spatial data sets fit in to the new planning system processes, how they are maintained and published and how Councils can access them.</p>
1.55pm	<p>Urban forests: A decade of change in Adelaide tree cover Michael Bewley <i>Senior Director, AI Systems in PET, Nearmap</i> In this session we shift from the recent study by Nearmap on Australia's leafiest cities, to tracking the tree cover changes across Adelaide over the past decade. The existing tree cover at a point in time is heavily influenced by factors that are difficult to change – the structure of a city and local environmental factors such as rainfall. In order to measure the impact of development, policy and population behaviours, it's critical to be able to track a single location over time... using a consistent data set and methodology. Using the tree canopy layer derived from Nearmap AI, it becomes possible to retrospectively assess tree canopy on any of the historical captures. Michael will look at the trends on the city as a whole, as well as deep-diving on a few suburbs.</p>
2.15pm	<p>A Workbench for Tracking of Water Consumption Farideh Nodeh <i>GIS Officer, City of Port Adelaide Enfield</i> The City of Port Adelaide Enfield has implemented a Dashboard using ArcGIS Insights to assist in monitoring water consumption, assisting water account managers with budgeting and tracking actual usage against budgeted costs. The solution enables reporting of different levels from whole of Council to an individual reserve or meter.</p>
2.35pm	<p>The Great Migration Travis Moon <i>Senior Spatial Consultant, Tonkin</i> In recent years many Councils have made the transition from Exponare to newer Enterprise GIS solutions such as ArcGIS Online. Tonkin has been working with ESRI and several local Councils on a workflow for this migration to ensure that Council staff can gain the benefits of ArcGIS Online whilst minimising disruption of crucial GIS services.</p>
2.55pm	AFTERNOON TEA
3.25pm	<p>Analysis of Tree Canopy using LIDAR and the "My Canopy" App Stephen Yates <i>Spatial & Business Intelligence Analyst, City of Unley</i> Samuel Holt <i>Research and Development Scientist, Aerometrex</i> Aerometrex created a highly accurate tree canopy data model using LIDAR. The City of Unley adopted this new technology to develop a property based tree canopy data model to trend canopy change and release the findings via the My Canopy App.</p>
3.45pm	<p>Using Clash Detection Modelling to optimise asset renewal planning Sam Fulton <i>GIS Specialist – Assets, City of Mitcham</i> The City of Mitcham have recently undertaken spatial modelling of Defects, Tree Planting Schedules and Project Opportunities, in conjunction with planned asset renewals to identify efficiencies and hidden opportunities within their multi-year asset renewal program.</p>
4.05pm	<p>Connecting and engaging users through ArcGIS Enterprise Sites Ellen Carter <i>GIS ESRI Administrator, City of Marion</i> The City of Marion have used ArcGIS Sites to provide an entry point for all their GIS applications. Ellen will discuss how this was done and the benefits it has brought.</p>
4.25pm	Closing Remarks Georgie Cassar <i>Program Co-Convenor</i>
4.30pm – 5.30pm	Networking Drinks

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Please note, this program is subject to change