



Virtual Spatial Data and Analytics

Collecting data to drive insight and enhance planning

Online | Tuesday, 18 May 2021

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Agenda Overview

Spatial data (or geospatial data) is an essential component of urban planning and design.

When delivering infrastructure projects, the public sector has become increasingly reliant on digital maps, spatial platforms and predictive modelling to inform their projects. Agencies from across sectors use spatial data to manage projects, coordinate logistics and gain insights into how infrastructure is used by citizens. Open spatial data platforms can also facilitate collaboration between government, the private sector and citizens by providing authoritative land values, property sales information and information on mobility trends.

Public Sector Network's Virtual **Spatial Data and Analytics** event will showcase how government is using spatial data to improve urban planning and facilitate collaboration between agencies. Providing all stakeholders with accessible spatial data increases the transparency of public development decisions and facilitates cooperation between government and industry.

Speakers



DR IAN OPPERMANN
NSW Government Chief Data Scientist
Data.NSW (NSW Department of Customer Service)



DR JAMES JOHNSON
Chief Executive Officer
Geoscience Australia



MARTIN KARM
Executive Director, Strategic Planning
School Infrastructure NSW (NSW Department of Education)



DR MAHESH PRAKASH
Head of Group and Senior Principal
Research Scientist
Data 61 (CSIRO)



DR GRACE YUN
Manager Spatial Services, Epidemiology
Branch
Department of Health (WA)



JEMMA PICCO
Principal Surveyor, Surveying
Services - Lands
Department of Resources (QLD)



MONY PATEL
Director of Systems
Los Angeles City Planning



JOHN CARDOSO
Senior Product Manager
Intelematics



KRISTY VAN PUTTEN
Director of Spatial
Information
ACT Government

Reasons to Attend

Improve strategic planning capabilities by leveraging spatial data in decision making



Enhance the management, application and accessibility of spatial data to both internal and external stakeholders through digital spatial platforms



Collect critical data regarding infrastructure usage and private development to better inform asset management and logistics coordination



Facilitate collaboration between the private and public sectors by promoting transparency and making informed planning decisions





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09:00am	PSN Opening	09:50am	Government Case Study Data Un-linkage: Pulling apart Time and Space to prevent the reidentification of an individual
09:10am	Chair Opening Advancing the use of spatial data to promote transparency and accountability <ul style="list-style-type: none"> Managing, applying and distributing critical spatial data to inform planning in all levels and sectors of government Facilitating better cross-sector collaboration to deliver shared citizen outcomes across portfolios Kristy Van Putten , <i>Director of Spatial Information, ACT Government</i>		<ul style="list-style-type: none"> Exploring how spatial data has been used to create situational awareness in cities throughout COVID Protecting the security and privacy of citizens by making temporary data sets that cannot be exploited to reidentify individuals Linking various types of data to preserve citizens anonymously in time and place Dr Ian Oppermann , <i>NSW Government Chief Data Scientist, Data.NSW (NSW Department of Customer Service)</i>
09:20am	Keynote Session Establishing authoritative and accessible spatial data platforms <ul style="list-style-type: none"> Developing user-friendly spatial data platforms to be utilised in citizen and government decision making Creating positive user experiences that equip stakeholders with data regarding urban development and infrastructure usage Mony Patel , <i>Director of Systems, Los Angeles City Planning</i>	10:05am	Break
09:35am	Government Case Study: The power of collaboration: Developing open source platforms to support public sector partnerships <ul style="list-style-type: none"> Reviewing the role of the National Location Information Branch at Geoscience Australia, including the development and distribution of open source spatial data to a range of government agencies Exploring how existing systems (such as AEIP, EM-LINK, AMSIS, National Map, ELVIS and FSDF-LINK) have been developed with government agencies across sectors, providing outcomes to emergency services, defence and planning portfolios Identifying how government can leverage spatial data platforms developed by Geoscience Australia, and seek opportunities for collaboration to develop their own spatial data systems Dr James Johnson , <i>Chief Executive Officer, Geoscience Australia</i>	10:10am	Panel Discussion Unifying analogue and digital spatial data to enable stronger application <ul style="list-style-type: none"> Discussing ways in which analogue spatial data can be made transferable to digital platforms Advocating for government-wide digital transformation in spatial data management Martin Karm , <i>Executive Director Strategic Planning, School Infrastructure NSW (NSW Department of Education)</i> Dr Mahesh Prakash , <i>Head of Group and Senior Principal Research Scientist, Data 61 (CSIRO)</i> Jemma Picco , <i>Principal Surveyor, Surveying Services - Lands, Department of Resources (QLD)</i> Dr Grace Yun , <i>Manager Spatial Services, Epidemiology Branch, Department of Health (WA)</i> John Cardoso , <i>Senior Product Manager, Intelomatics</i>
		11:00am	End of Session

Partner

