



IPWEA

INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALIA

SA Division

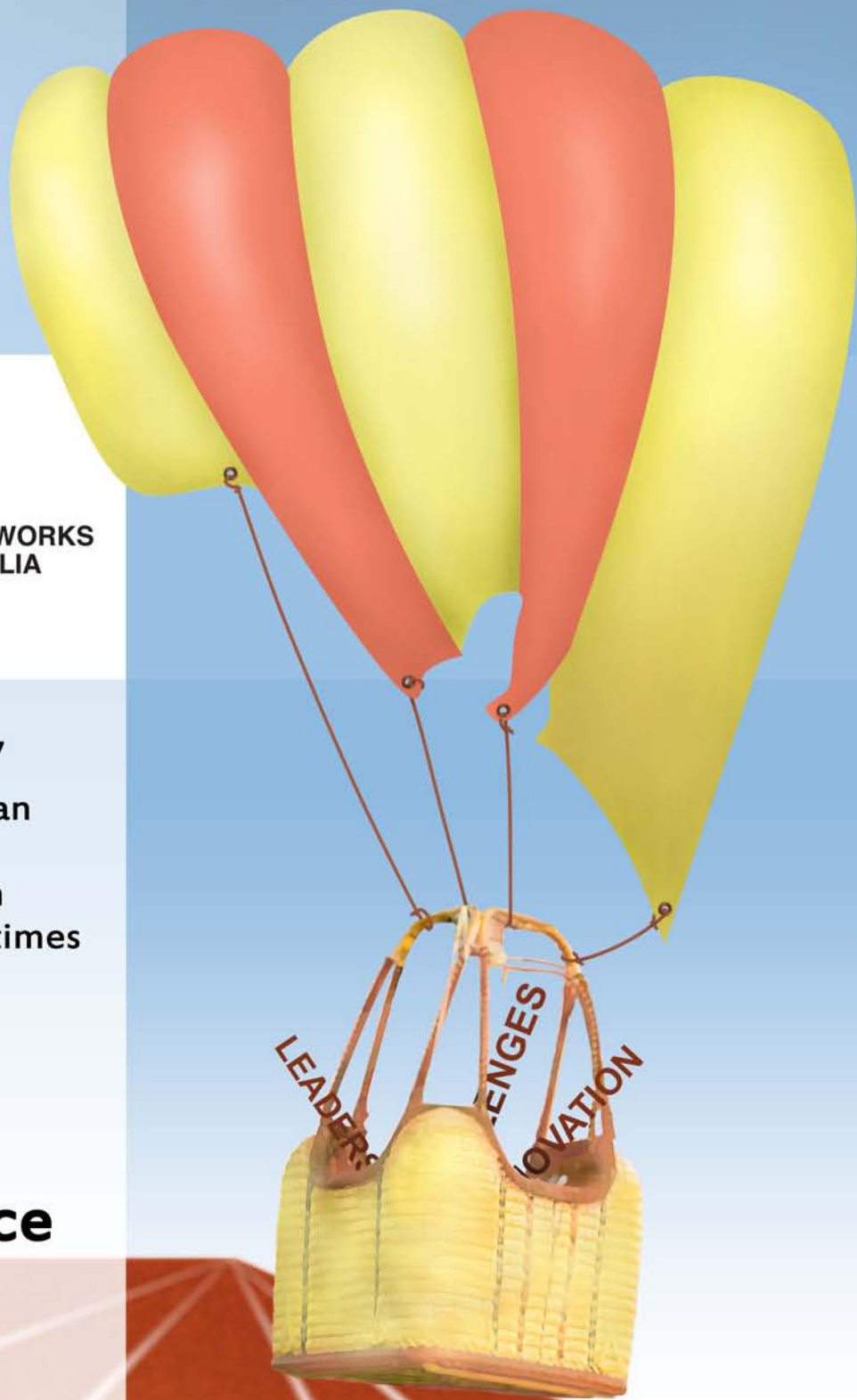
'Doing more with less'
Meeting the demands of an
expanding SA through
leadership and innovation
in challenging economic times

2012 Conference

Friday May 25, 2012
Hilton Adelaide Hotel
Victoria Square
Adelaide

Conference Sponsor

COMPLETE



Program - Friday 25 May 2012

8.00 am	Registrations and coffee	
8.45 am	Welcome	Angelo Catinari, President IPWEA (SA)
8.55 am	Opening of Conference	Jason Pruszinski, Adelaide Region Manager, Complete Urban
9.00 am	Reflecting on the vision for Greater Adelaide and the review of the Strategic Infrastructure Plan <i>John Hanlon, Deputy Chief Executive Officer, Department of Planning, Transport and Infrastructure</i>	<p>The Department is playing an integral role in a reform program announced by the Government in June 2008 to give South Australia the most efficient and modern planning system in Australia. The 30-Year Plan for Greater Adelaide was launched on 17 February 2010.</p> <p>The Plan is a long-term vision for the future. It brings together all the elements that need to be planned so that Greater Adelaide continues to be one of the best places to live in the world.</p> <p>John was given the responsibility for the Plan's implementation. Now, 2 years on, John will reflect on the vision and the challenges faced and he will discuss the update of the Strategic Infrastructure Plan for SA.</p>
9:30 am	Mining Industry in South Australia <i>Jason Kuchel, Chief Executive Officer, SA Chamber of Mines and Energy (SACOME)</i>	Jason will provide an update on the mining industry in SA, the current situation and hypothesise on what may happen in the future. He will discuss the impacts of mining on existing infrastructure and outline what the growing infrastructure issues are for the resources sector.
10:00 am	Interactive panel session with 4 Local Government Chief Executive Officers	<p>Terry Buss, Chief Executive Officer, City of West Torrens Brian Carr, Chief Executive Officer, Light Regional Council Paul Di Iulio, Chief Executive Officer, City of Campbelltown Peter Tsokas, Chief Executive Officer, City of Unley</p> <p>The panel will discuss the infrastructure and leadership challenges / opportunities of a growing South Australia.</p>
10:45 am	Morning Tea	
11:05 am	Connecting Infrastructure planning to climate change - an SA research first <i>Dr Jacqueline Balston, Applied Climatologies and Consultant, Lecturer School of Natural and Built Environments, University of South Australia</i>	<p>Australia's 560 Councils are responsible for the management of a range of assets valued at approximately \$212 billion, many of which have a life span greater than 50 years and so will be affected by climate change. Currently, maintenance and replacement of hard infrastructure by Council is guided by the principles, models and tools provided in the International Infrastructure Management Manual (IIMM), developed by the Institute of Public Works Engineering Australia (IPWEA), however, these tools do not allow for the incorporation of climate change impacts or costs.</p> <p>Dr Balston's research project currently underway has developed a financial modelling tool and supporting decision tools to provide a clear, comparative analysis of the financial impacts of climate change on two major asset classes of importance to Australian Councils – sealed roads (hotmix and spray sealed) and unsealed roads. The modelling includes options pricing and uncertainty analysis to deal with the highly variable nature of data inputs that describe the non-static components of climate change scenarios and impacts on the useful life of roads.</p> <p>The outputs have been designed to interface with NAMS.PLUS to create a simple user friendly front-end that can be used by councils.</p>

11:50 am Threats and opportunities of the Clean Energy Future package for Local Government

Adam Gray, Senior Policy Officer - Sustainability & Environment, LGA (SA)

In September 2011 the Federal Parliament passed the Clean Energy Futures legislative package which introduces the carbon price and substantial household, industry, renewable energy, innovation, land sector and energy efficiency measures contained in the Clean Energy Future Plan.

These measures will impact on the operations of Councils in a number of ways and the LGA, in conjunction with the Australian Local Government Association, is undertaking a number of projects to identify the likely range of impacts and opportunities for Councils across Australia.

Adam will provide an insight into the likely range of impacts and opportunities for Councils.

12:10 pm Skill shortages

Scott Williams, Managing Director, COMPLETE Urban

Local Government is suffering from a shortage of skilled professionals. Councils often are not able to fill positions or are having to re-define roles due to an absence of suitable candidates. The requirement to utilise skill sets from a broad number of fields continues to grow.

Scott will outline how some Councils have overcome this challenge through an innovative approach which establishes a flexible resource pool, sometimes shared with others and often involving the private sector. This approach provides better flexibility, as well as a cost effective immediate access to expert advice for project development and is based on an alliance partnering relationship where skill sharing, productivity and resource balancing are quickly realised benefits.

The services delivered under this approach include delivery of capital works, asset management and maintenance. The result has been a service delivery model where projects are well planned and successfully delivered.

12:30 pm Achieving effectiveness and efficiency in Council Operations

Garry Hemsworth, Executive Director, Infrastructure Services, Lismore City Council, and Bill Woodcock, Principal, Business and Government Infrastructure, COMPLETE Urban

This presentation describes the process Lismore City Council followed to improve the efficiency and effectiveness of their Infrastructure Services Division. This initiative resulted in positive actions that improved its operations and realized benefits and economies of scale for Council to move forward.

1.00 pm Lunch

1:45 pm The new rules of engagement for construction projects in South Australia: what you must know about the PPSA and SASOPA

Matt Bradbury, Partner, McCullough Robertson Lawyers

The Building and Construction Industry Security of Payment Act 2009 (SA) commenced on 10 December 2011 and provides a statutory mechanism for the adjudication of construction disputes. Adjudication is a rapid form of dispute resolution which quickly obtains payment for consultants, suppliers, contractors and subcontractors who carry out 'construction work' or in turn, who 'supply related goods and services' in the building and construction industry.

The Personal Properties Securities Act 2009 (Cwth) (PPSA) has commenced, bringing with it a number of key risks for businesses. It is heralded as the most significant change to the law in Australia since the introduction of GST.

Matt will provide an insight into these new rules of engagement for construction projects in South Australia.

2:45 pm Launch of Young IPWEA

*Kim Sedgwick
Convenor of Young IPWEA (WA)*

Program

3:00 pm Afternoon Tea

Stream A: Innovative Solutions in Asset Management

3:20 pm Landfill capping: Phytocaps

Melissa Salt, Tonkin Consulting

Tonkin Consulting has been involved in the research, design and construction of an innovative solution to landfill capping known as phytocaps.

Phytocaps are a designed soil cover which utilises the soil moisture storage and plant transpiration to minimise drainage into waste and meet the health and environmental objectives of final capping. Recent research undertaken by the Waste Management Association of Australia has shown that phytocaps may provide a more sustainable and cost effective solution to the final capping of landfills and may assist in oxidising methane thus reducing atmospheric release.

Melissa will be presenting this innovative solution to landfill capping.

3.40 pm Rehabilitation Solutions

Richard Powell, Plumbing and Pipeline Solutions

An innovative solution has been developed to overcome a drain issue in a City Council's Community Wastewater Management Scheme (CWMS) network. The need arose as the drain was unable to be repaired using conventional methods due to access issues. Richard will show a video outlining the benefits and applications for 'CIPP Lining systems' in the rehabilitation of local government sewer and storm-water assets.

4.00 pm Future Directions in Asset Management

David Edgerton, Fair Value Pro

CPA Australia and the Australian Asset Management Collaboration Group are currently undertaking a major project to produce an "International Guide to Valuation and Depreciation under the Accounting Standards for Public and Not-For-Profit Sectors".

This session will provide an overview of the project, detail key concepts and issues including the proposed new definition to Fair Value. It will also showcase the world's first specialised International Financial Reporting Standards (IFRS) valuation solution to show how the concepts can be applied in practice in the most cost effective way while enabling you to keep total control over the data and valuation process rather than relying on external providers.

Stream B: Innovative Solutions in Transportation

3.20 pm State Road Safety Strategy – Engaging with Local Government

Madeleine Eblen, Department of Planning, Infrastructure and Transport

The South Australian Road Safety Strategy 2020, Towards Zero Together, was released in May 2011 and sets the direction for reducing serious casualty trauma by at least 30 percent during the decade. An action plan was also released last year, which sets priority actions and complementary measures that will be undertaken in 2011 and 2012 to help achieve the targets in the strategy.

Almost half of all serious casualty crashes in the metropolitan area occur at intersections so DPTI has engaged ARRB to develop a toolkit of innovative safe system treatments that can be used at high risk locations; a selection of these treatments will be presented.

3.40 pm Determining access roads for heavy vehicles

Damien Hense, Project Leader – Business Innovation, ARRB Group

In his presentation, Damien will discuss an innovative tool that is being developed for Local Government to assist it with assessing routes for Performance Based Standard (PBS). The tool is currently being trialled by Local Governments in Victoria with the financial backing and support of a number of organisations.

4.00 pm Integrated Movement Strategy

Dr Alan Perkins, Program Manager, Accessible City, Adelaide City Council

Adelaide City Council is currently completing its Integrated Movement Strategy (updating the original 2000 IMS). It outlines Council's desired transport and movement outcomes for the City, and strategies to achieve these over the next ten years.

The Strategy's key priority is to create a people-friendly City by improving conditions for pedestrians, cyclists and those using public transport. It strives to achieve the right balance for accommodating these priority users, whilst addressing the needs for parking, loading and car accessibility. In his presentation, Alan will outline this vision for a people-friendly City.

4:30 pm Wrap up & Close

Close of conference – includes Business Card draw and lucky seat prizes

7:00 pm Annual Dinner and presentation of the 2012 IPWEA (SA) Excellence Awards



Jason Pruszinski
*Adelaide Region Manager,
COMPLETE Urban*

Jason has held senior management roles within private practice, local government and state government. As an Architect, his design work has received broad industry award recognition. Most recently, as Manager of City Design for the City of Adelaide, he initiated and co-authored the Integrated Design Strategy (IDS) for inner Adelaide, a national pilot project aimed at developing strategies for renewing inner Adelaide. Jason was subsequently seconded to the Department of the Premier and Cabinet SA to project manage the IDS establishment, working closely with the Australian Government, State Government, 8 inner Adelaide Council's, design industry and the education sector.

In October 2011 Jason joined COMPLETE Urban to establish and manage their new Adelaide office, which delivers innovation in community infrastructure for local government.



John Hanlon
*Deputy Chief Executive Officer, Department of
Planning, Transport and Infrastructure*

John Hanlon is the Deputy Chief Executive of the Department of Planning, Transport and Infrastructure, and is responsible for the Planning Division of the Department.

Some of the key areas John is responsible for include transport, land use planning, land services and infrastructure planning.

One of the exciting initiatives John is leading is the Premier's priority around creating a Vibrant City. This is an exciting State Government initiative that will unlock investment, boost the economy and revitalise our city by activating side streets, laneways and spaces between buildings and finding new uses for vacant buildings, including heritage buildings. As the Strategic Planning Division for South Australia, our job is to create the vision, plan for the future and develop strategies to achieve it. Adelaide has the potential to become a vibrant, energetic and exciting city.



Jason Kuchel
*Chief Executive of the South Australian
Chamber of Mines and Energy*

Jason Kuchel joined the South Australian Chamber of Mines and Energy (SACOME) in April 2007 as Chief Executive. Jason brings to this position considerable professional lobbying, industry association and infrastructure experience.

He is currently a board member of the Resources and Energy Sector Infrastructure Council (RESIC) set up by the Minister for Infrastructure in a response to recommendations by SACOME to address the growing infrastructure issues of the resources sector, and holds other advisory roles to the State Government.

Over the last fifteen years he has gained extensive management and board level experience in Local and State Government and several engineering & management associations, both at state & national levels.

Some years ago, Jason was with the City of Prospect as their Director of Infrastructure and Technical Services.



Paul Di Iulio
*Chief Executive Officer,
Campbelltown City Council*

Paul has been employed by the Campbelltown City Council for the past 19 years working his way through the ranks to the position of General Manager City Services and then in 2007 being appointed to the position of CEO.

The extensive skills and experience he has gained through working in Local Government has enabled him to actively participate in a number of external Board positions. He currently is the National President of IPWEA, Board member of IPWEA (SA), Director of Swan Gourmet Catering, Vice President - Norwood Football Club, Board Member Australia Day Council (SA), Chair of East Waste, Board Member of Rostrevor College and Board Member of the Service to Youth Council. In his spare time he enjoys watching all sports, particularly football and cricket.



Peter Tsokas
*Chief Executive Officer,
Corporation of the City of Unley*

Peter was appointed as Chief Executive Officer of the City of Unley in November 2011. Prior to this appointment he was General Manager City Development at the City of Unley, responsible for planning policy, transport, economic development, community services and organisational development.

Peter has a strong background in local government, predominantly with the City of Marion, where he was General Manager for ten years. During this period he was responsible at one time or another for all the service delivery areas of Council.

He has a civil engineering background, as well as qualifications in Municipal Engineering and a Masters in Business Administration.

His interests are in integrated planning, organisation culture and process improvement.



Terry Buss
Chief Executive Officer, City of West Torrens

Terry has over 35 years Local Government experience having first entered the sector in 1975 as a young Engineering Officer at the City of Marion. 27 of those 35 years have been spent at the City of West Torrens in varying engineering and management roles culminating in Terry being Deputy CEO when he completed his first stay at West Torrens in 1999. Terry had a 'sabbatical' from Local Government in 2000 - 2001 working in the hospitality industry with his wife in running their own Japanese restaurant in North Adelaide as well as completing his MBA.

continued..

Speakers

Terry moved to the Northern Territory in mid 2001 to take-up the role of CEO of Katherine Town Council and returned to West Torrens in 2004 and assumed the role of CEO of the City of West Torrens in July 2008.

Terry has engineering, science, business and management qualifications to Masters level and is a member of several professional associations including IPWEA.



Brian Carr

*Chief Executive Officer,
Light Regional Council*

Brian has held the position of CEO at the councils of Wakefield Plains, City of Elizabeth, City of Tea Tree Gully and Liverpool City Council, NSW, before taking up his current position of CEO at Light Regional Council in 2007. During the period between 2003-2007, Brian provided consulting services to the public and private sectors within South Australia.



Dr Jacqueline Balston

*Applied Climatologies and Consultant,
Lecturer
School of Natural and Built Environments,
University of South Australia*

Dr. Balston has been an applied climatologist for the past 15 years and has researched the impacts of climate variability and climate change on agriculture, natural resources, ecosystems and the built environment. She was Research Scientist with the Western Australian Department of Agriculture and South Australian Research and Development Institute and Senior Research Scientist at the Queensland Climate Change Centre of Excellence. She is currently Senior Research Fellow with the Barbara Hardy Institute in the University of South Australia, lectures in the school of Natural and Built Environments and consults to the South Australian Local Government Association, PIRSA, NRM Boards and councils.

Dr. Balston played a key role in the development of the Far North Queensland Regional Plan, the Far North Queensland Water Strategy, the Office of Climate Change (OCC) Cool Communities Project, and the Wet Tropics National Heritage Trust Plan, the South Australian Climate Change Action Plan for Councils and Climate Change Vulnerability Assessment methodology for the SA State Adaptation Plan. She recently completed an Integrated Climate Change vulnerability Assessment for the Central Region of SA and is currently lead investigator on two national projects: a NCCARF study to evaluate the impacts of climate change on Council infrastructure, and a DCCEE project to model the likely costs associated with sea level rise and erosion on coastal assets.



Adam Gray

*Senior Policy Officer, Sustainability &
Environment, Local Government Association (SA)*

Adam Gray is a Senior Policy Officer from the LGA and is responsible for the climate change and sustainability portfolio. Adam works closely with SA's 68 Councils and State and Federal Governments to deliver a number of strategic climate change policies and projects.



Scott Williams

Managing Director, Complete Urban

Scott has been the Managing Director of Complete Urban for the past twelve years, following 11 years in private practice. Scott has been personally involved in the development and implementation of public private partnerships.

Garry Hemsworth

Executive Director, Infrastructure Services at Lismore City Council.

Garry has worked at Lismore Council for many years. He has been instrumental in promoting the Northern Rivers IPWEA group and is always open to new ideas and seeking improvements. Garry was also the recent recipient of the Foundation grant to visit the APWA Conference this year held in Denver, Colorado.



Bill Woodcock

*Principal, Business and Government
Infrastructure, COMPLETE Urban*

Bill has spent more than 40 years in the Local Government Industry having held various senior Engineering roles in Councils and in the Private sector. Bill has particular interest in process and this was important while he was the national Project Manager for AUS-SPEC.

Working with teams and using his communication and people skills has resulted in some very valuable outcomes for those working with Bill on a multitude of different projects in a number of Councils. Bill intends to extend his influence in this area by fine tuning the process on bigger and more exiting projects.



Matt Bradbury

*Partner - Construction, McCullough Robertson
Lawyers*

Matt is a Partner in the Construction Group at McCullough Robertson and has practised in both Australia and the United Kingdom. He is an infrastructure, construction and engineering lawyer who has advised on civil, building, mechanical, mining and structural projects in each state and territorial jurisdiction of Australia and throughout South East Asia.

Matt currently acts on behalf of state and local government departments, contractors, subcontractors, consultants and advises a number of professional bodies and industry associations. As part of his practice, he regularly advises and leads training workshops in relation to contract interpretation and administration. Matt has recently led the McCullough Robertson team assist with the NDRRA reconstruction of Toowoomba, a project with a value of in excess of \$180 million and 1300 individual projects.



Kim Sedgwick
*Asset Management Specialist,
ARRB Group WA*

Recently Kim was voted onto the WA IPWEA executive committee, where she will look to build the capacity of young people within the organisation. Kim is currently the convenor for Young IPWEA (YIPWEA), a group focussed on bringing together young professionals within the realm of public works. In 2011, Kim was awarded the Emerging Leaders award for WA by the IPWEA at the National conference in Canberra.



Melissa Salt
Senior Scientist and Lead Environmental Auditor, Tonkin Consulting

Melissa holds a Bachelor of Science in Agriculture and is currently completing a PhD on water balance and structural development in phytocaps and conventional covers as part of the Australian Alternative Cover Assessment Program.

Melissa's experience has ranged from research and development to field construction, consultation and advice, including preparation and implementation of environmental impact statements and management plans and environmental site assessment. Recent experience has included materials assessment and water balance modelling for approval and verification purposes of phytocaps in South Australia, Queensland, Victoria and Northern Territory, construction supervision of trial phytocaps in Adelaide and Melbourne and post construction sampling of two phytocaps in Montana, USA. She also has extensive experience in monitoring field sites at research and full-scale operations and auditing monitoring results for compliance and usefulness.

Richard Powell
Partner, Plumbing and Pipeline Solutions

Plumbing and Pipeline Solutions has over 20 years combined experience working within the Adelaide and Greater South Australian storm water and sewer network. Richard has worked in the construction industry since 1994. He brings business management expertise to Plumbing and Pipeline Solutions, with experience in new business administration, project management, occupational health and safety, sales management, staff management and daily operational management.



David Edgerton
Director, Fair Value Pro

David has regularly presented to conferences within Australia and overseas ranging from Asset Valuation and Depreciation through to Asset Management and Sustainability. He is a Director of Fair Value Pro and a Director of APV Valuers and Asset Management.

He also –

- is CPA Australia's representative on the Australian Asset Management Collaboration Group (AAMCoG) which late in 2011 released the updated national "Guide to Integrated Strategic Asset Management Guide"
- was a contributing author of the IPWEA (Institute of Public Works Engineers Association) NAMS Australian Infrastructure Financial Management Guidelines

- is currently working as the lead author for a joint project between CPA Australia and the Australian Asset Management Group to develop an "International Guide to Valuation and Depreciation under the Accounting Standards for the Public and Not-For-Profit Sectors"

Prior to joining APV he spent over 20 years with the Qld Audit Office and was named the National Public Sector Accountant of the Year.

Madeleine Eblen
*Manager, Road Safety Engineering Unit
Department of Planning, Infrastructure and Transport*

Madeleine Eblen is the Manager of the Road Safety Engineering Unit in the Department for Planning, Transport and Infrastructure and has been in this role since July last year. Prior to that she was working in the Metropolitan Regional Office as the Network Planning Engineer where she was responsible for the planning and delivery of minor works programs for metro Adelaide including the state and federal black spot submissions. Madeleine has also previously worked for VicRoads in the Network and Asset Policy area, as well as in the Planning and Design Section of DPTI.



Damien Hense
*Project Leader –
Business Innovation, ARRB Group*

At the time of printing, biographical information was not available



Dr Alan Perkins
*Program Manager, Accessible City,
Adelaide City Council*

Dr Alan Perkins is currently the Manager of the Accessible City Program at Adelaide City Council. His career has been as an urban and regional planner, and a sustainable transport planner. In his mid-career PhD he investigated the influence of urban form on a city's greenhouse gas emissions. Alan has previously worked as a city planner for South Australian local governments, as a manager in the State's Planning and Transport departments, as a planning consultant for 3 firms, and as a specialist sustainable planning consultant. In 2011 he returned from 4 years in Abu Dhabi establishing a Planning Authority and creating strategic plans, master plans, environmental protection areas, and street and infrastructure design standards for the Emirate.

At the Adelaide City Council he is responsible for transport strategy and traffic management, the Adelaide Connector Bus, Free City Bikes, plus on-street parking and UPark.

Disclaimer

All information is correct at the time of publication. In the event of unforeseen circumstances, the Organising Committee reserves the right to delete or alter items in the Conference Program.

IPWEA (SA) Conference

Friday 25 May 2012, Hilton Hotel, Victoria Square, Adelaide

Register online at: www.ipwea.org.au/southaustralia

Alternatively email completed form to: sa@ipwea.org.au by Friday 18 May 2012

First name Last name

Organisation Position

Address.....

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Please complete a separate registration for each participant

Please note any special needs (e.g. dietary requirements, wheelchair access)

Registration type (includes GST) – Fees include all catering

Please note that registration includes one ticket to the Awards Dinner!

IPWEA Member \$455

Non-member \$525

To assist with catering please indicate below whether you are planning to attend the Awards Dinner

Yes, I will be attending the Awards Dinner at no charge

No, I will not be attending the Awards Dinner

Additional tickets for the Awards Dinner are available to be purchased at a cost of:
Members \$105 / Non-members \$132 Additional number of tickets required.....

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By credit card: Visa Mastercard
Please send remittance advice to sa@ipwea.org.au

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All enquiries to Conference organiser:
Jane Gascoigne
Email: sa@ipwea.org.au
Telephone: 8366 6563
ABN 50 057 223 045

Cancellation Policy
There will be no refund if notification is provided less than seven working days prior to the conference's commencement
Substitutions are welcome.

COMPLETE

Humes

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