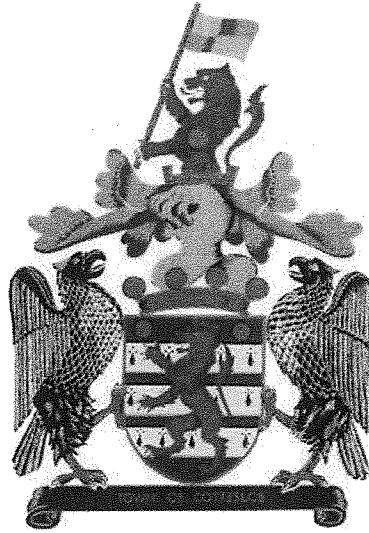


TOWN OF COTTESLOE



Works and Corporate Services
Committee

ATTACHMENT 10.2.5

Meeting Date: 16 April 2013

TOWN OF COTTESLOE POLICY

CONFERENCES SEMINARS AND TRAINING

(1) OBJECTIVE

- (i) Provide guidelines for the approval of attendance of Elected Members and Employees at Conferences, Seminars and Training courses.
- (ii) Ensure that all employees have equal access to training and development opportunities promoted by Town of Cottesloe through its performance review and staff development processes.

(2) PRINCIPLES

Council supports the attendance of Members and Employees at conferences/seminars/training when the benefits to the organisation from attendance can be clearly identified, it is in line with the Town of Cottesloe objectives and strategies, and is consistent with the skills and knowledge identified during the staff performance review process.

(3) ISSUES

The extent to which Council supports and funds attendance at conferences and training courses can be contentious issue. The benefits of attendance are not always readily identifiable and consequently there can be problems convincing a sceptical community that the expenditure is justified. For this reason, it is important that the benefits of attendance can be readily identified, especially when attendance involves interstate or overseas travel.

(4) POLICY

(i) Attendance at Conferences and Seminars

ELECTED MEMBERS

- The Town will fund attendance at conferences and seminars so that Elected Member development can be enhanced for the benefit of the Town of Cottesloe community.
- The decision for Elected Members to attend seminars and conference outside of Western Australia should be referred to the Works and Corporate Services Committee for recommendation to Council.

EMPLOYEE

- The Town will fund attendance at conference and seminars in order to provide regular opportunities for all employees of the Town to upgrade and enhance their skills and knowledge.
- At the recommendation of the relevant Manager and the Chief Executive Officer a council approval shall be sought prior to employee's attendance at conferences and seminars outside of Western Australia by referral to the Works and Corporate Services Committee for recommendation to Council. The

TOWN OF COTTESLOE POLICY

authority which is sought must specify the associated costs including whether or not accommodation or travelling expenses are sought.

- Managers and the Chief Executive Officer must ensure that when approving an employee's request to attend a conference or seminar that the necessary budgetary allocations have been made and the course has been included within the training and development section of employees performance review.
- The Chief Executive Officer will require a report to be submitted to Council following attendance at a conference or seminar to assess the value of such attendance and expenditure.

EXPENSES

The Town of Cottesloe will cover the costs of attendance including the following:

- Registration and other associated administrative fees;
- Return economy airfare (if air travel is required) and/or other necessary transport costs; and
- Reasonable accommodation costs and living expenses.

Where possible, expenses are to be prepaid. All expenditure is to be accounted for prior to reimbursement.

(ii) Elected Member Training

The Chief Executive Officer is authorised to actively promote and approve the attendance of Elected Members at training courses provided under WALGA's Elected Members Development Program.

Other forms of Elected Member training can also be considered such as information sessions and relevant Agencies conducted by various governmental departments.

(iii) Employee Training

1. Training (including the extension and/or enhancement of skills and knowledge to enable employees to be more effective in their jobs and/or to provide for future development) is a joint responsibility of the Town of Cottesloe and the employee.
2. The need to identify relevant training programs is essential if the Town of Cottesloe is to have an effective and highly skilled workforce capable of meeting current and future challenges.
3. The Town of Cottesloe encourages the planning for employee development that makes optimum use of employee's demonstrated skills, attitudes and aspirations for their career.
4. The Town of Cottesloe will actively encourage employees to attend training courses or further education to enhance skill levels, as required by the staff performance review process. Managers and/or Supervisors have an on-going responsibility to

TOWN OF COTTESLOE POLICY

consider and identify the training and development needs of their employees through the employee's annual performance review process; any training approval must be considered in conjunction with the training plan established at the employee's performance review.

5. When training is to be carried out, the relevant manager and/or supervisor shall have regard to and ensure that the:
 - Employee undergoing training is aware of the skills necessary for the job and other related jobs;
 - Training demonstrated is relevant and most effective for the position;
 - Employee undergoing training is aware of the relationship of the skills obtained to the attainment of external qualifications/accreditation;
 - Employee absence will not unduly disrupt work patterns; and
 - Associated costs can be accommodated within budget.
6. Training and Development opportunities will vary but may include:
 - Courses through Western Australian Local Government Association (WALGA) such as:
 - Officer Training Courses
 - Certificate IV and Diploma in Business (Local Government) in partnership with Australian Institute of Management
 - Industrial Relations and Human Resource Training;
 - TAFE (Technical and Further Education) and University;
 - On-the-job training programs conducted "in house" by either the Town of Cottesloe's staff or external consultants to allow hands on learning;
 - Apprenticeships and Traineeships;
 - Staff exchanges between Local Governments to allow employees different work experiences;
 - Observation visits to other Local Governments which allow employees to observe different work practices and methods; and
 - Certificate, Diploma or Degree courses which are usually involve longer term study commitments and which may be undertaken by correspondence.
7. All training that has been authorised by the Chief Executive Officer shall be paid for by the Town of Cottesloe through staff training budget which will be allocated according to organisational needs and reviewed on an annual basis.

(iv) Staff Career Planning and Development

The Town of Cottesloe supports the development and use of structured career path plans and recognises the need for investment in training and education. Career path planning shall be incorporated into individual performance review processes to identify the employee's interests and personal aspirations within the Town of Cottesloe and the local government sector.

Employees are responsible for the management and selection of the most appropriate career path, dependent upon their aspirations and interests, and this may involve conducting research into education and training opportunities available.

ADOPTION: July, 2012

REVIEW: July, 2020

2013 International Public Works Conference

Conference Program

SUNDAY 11 AUGUST

4.00pm-6.00pm *Registration, Foyer, Darwin Convention Centre*

5.00pm-6.00pm *International Delegates and Under 30's Welcome (by invitation), Crocosaurus Cove*

6.00pm-8.00pm *Welcome Reception in the Exhibition, Crocosaurus Cove*

MONDAY 12 AUGUST

7.45am *Exhibition Open. Complimentary Light Breakfast served in the Exhibition*

7.45am *Registration, Foyer, Darwin Convention Centre*

8.45am *Official Opening Ceremony and Special Welcome
Hon Peter Styles MLA, NT Minister for Infrastructure*

9.45am *Keynote Address: Michael Deegan, National Infrastructure Coordinator, Infrastructure Australia
What's the future for infrastructure in Australia? Where do you fit in and what can we do better?*

10.30am-11.00am *Morning Tea*

Session 1	WATER MANAGEMENT	CAPACITY BUILDING	MANAGING SAFER ROADS	PROJECT MANAGEMENT	AM CHALLENGES aurecon	AM LEADING ISSUES OPUS
11.00am-12.30pm						
11.00am	<i>Operations Management and Control of a Water Distribution Network With Advanced Decision Support Tools, Alana Dunker, MWH, SA</i>	<i>Legal and Governance Models for Shared Services in Local Government, Melissa Gibbs, ACELG, NSW</i>	<i>Cost Effective Wildlife Roadkill Mitigation, Dion Lester, Pitt & Sherry, TAS</i>	<i>Crowdsourcing Public Works Engineering, Daniele Danielsson, Toowoomba Regional Council, QLD</i>	<i>Canterbury Earthquakes and Pavement Resilience, Bryan Pidwerbesky, Fulton Hogan, NZ</i>	<i>Why Don't Engineers and Accountants Tell the Same Story? John Howard, Jeff Roorda & Associates, TAS</i>
11.30am	<i>Implementing Water Master Plans and WSUD, Peter Shields, City of Sydney, NSW</i>	<i>Skills and Diversity a Report on the Destination 2036 Findings, John Roydhouse, IPWEA NSW</i>	<i>Are Road Traffic Signs Too Bright? Pippa Batchelor, 3M Australia, NSW</i>	<i>Creating High Performance Teams for Effective Project Delivery, Graham Scott, Thinc, QLD</i>	<i>Getting Productivity Gains from an Asset Management Approach - Synergy or Sacrifice? Greg Williams PriceWaterhouseCoopers, VIC</i>	<i>How Service Delivery Won Hearts and Minds Dr Penny Burns, AMQ International, SA</i>
12.00pm	<i>More Water, Less Costs, Danny Burkett, OPUS, WA</i>	<i>Lessons Learned from Capacity Building for Workforce Planning in WA, Su Fei Tan, UTS Centre for LG, NSW and Virginia Scott, Department for Local Government, WA</i>	<i>High Risk Rural Roads Spatial Modelling, Renee Schicker, OPUS, NZ</i>	<i>The Benefits of Early Contractor Involvement in the Resurfacing of Phillip Island Grand Prix Circuit, Mark Taylor, Downer Infrastructure, VIC</i>	<i>Meeting WA SuperTown Asset Challenges Through Partnership, Ben Simmons, Asset, WA and Paul Jupp, Digital Mapping Solutions, WA</i>	<i>Implications of ISO 55000 Standards on Infrastructure Asset Management in Australia, Peter Way, IPWEA, QLD</i>
12.30pm-2.00pm	<i>Lunch</i>					

Session 2 2.00pm- 3.30pm	WATER MANAGEMENT II	GOOD STUFF I	COLLABORATION FOR SUCCESS	SUSTAINABLE COMMUNITIES	AM PAVEMENT MANAGEMENT I aurecon	AM STREAM TOOLS I OPUS
2.00pm	Effective Stormwater Conveyance and Treatment in Durham, North Carolina, USA Sujit Ekka, <i>City of Durham, USA</i>	Hynds Best Paper from INGENIUM conference TBA, NZ	What's the New Black in Great Outcomes for Public Works?, Keith Clarke, <i>Energy Efficiency & Conservation Authority and Priyani de Silva-Currie, OPUS, NZ</i>	Engineering Sustainable Communities: Environmental, Economic and Social Dimensions, Prof John Martin, <i>La Trobe University, VIC</i>	Innovative Graded Aggregate Sprayed Surfacing Review, Ryan Jansz, <i>Boral, VIC</i>	Measuring, Monitoring and Managing to Improve Sustainability - Applying the IS Rating Tool to Local Council Road Maintenance, Stephen Lees, <i>IPWEA, NSW</i>
2.30pm	Stormwater Management in the Adelaide South Park Lands - From a Simple Engineering Approach to a Multi-Objective Stormwater Solution, Jo O'Brien, <i>Tonkin Consulting, SA</i>	North Sunshine Industrial Area Special Charge Scheme, Raymond Martin, <i>Brimbank City Council, VIC</i>	Infrastructure Maintenance Service Delivery -The Mornington Peninsula Partnering Journey, Terry Alford, <i>Terry Alford Consulting, VIC and Greg Powell, Mornington Peninsula Shire Council, VIC</i>	The Best in the Country? Working Together Towards Sustainable Services in Tasmania, Sue Grau, <i>LGAT, TAS</i>	Warm Mix is the New Asphalt of the Future, Trevor Distin, <i>Boral, VIC</i>	Infrastructure Design Manual (IDM) - The Regional Victoria Experience, Geoff Kinnish, <i>Simon Anderson Consultants, VIC</i>
3.00pm	Hobart's Stormwater Master Drainage Schemes Starting at the Beginning, Darren Carlson, <i>Hobart City Council, TAS</i>	Current State of Energy Service Company (ESCO) Industry in Australia and Barriers to its Further Development: An Edelphi Study, Zahna Sichivitsa, <i>City of Melbourne, VIC</i>	Improving Value for Money' Maintenance Solutions Through Government / Private Sector Joint Ventures, Lloyd Arnott, <i>Aurecon, QLD</i>	Challenges and Opportunity for Local Government Councils, Anup Paudel, <i>Town of Port Hedland, WA</i>	Determination of the Preferred Intervention Point For Rehabilitation of Dense Graded Asphalt Wearing Courses on the Sand Sub-Grades of the Swan Coastal Plain, Martyn Glover, <i>Roads 2000, WA</i>	Service Thinking: Sustainment of Assets in Service, Lincoln Wood, <i>University of Adelaide, SA</i>
3.30pm- 4.00pm	Afternoon Tea					
Session 3 4.00pm- 5.00pm	WASTEWATER	PARKS MANAGEMENT	ENVIRONMENTAL MANAGEMENT	AM THE RAIL STORY	AM PAVEMENT MANAGEMENT II aurecon	AM BUILDINGS I OPUS
4.00pm	GIS Stormwater Drainage Data Collection for City of Whitehorse, Mirjam Fabijanic, <i>Whitehorse City Council, VIC</i>	An Aus-Spec Approach to Parks and Recreation Areas Asset Management, A South Australian Experience, Rob Bosley, <i>Tendering Specification Systems, SA</i>	Unlocking the Door to Community Renewable Energy Future, Raj Maniher, <i>Baw Baw Shire, VIC</i>	Transforming Our Approach to the Management Of Civil Assets: Network Rail Story, John Halsal, <i>Network Rail, UK</i>	Exploring Pavement Management Strategies to Improve Road Network Performance, Ashish Shah, <i>Logan City Council, QLD</i>	Translating Building Condition Data into Meaningful Lifecycle Plans, Ross McPherson, <i>Asset & Facilities Management Consulting, QLD</i>
4.30pm	Turning a Water Strategy into a Practical Capital Works Program, Alan West, <i>City of Kingston, VIC</i>	Sustainable Initiatives to Address Shrinking Budgets in Parks Departments, Frank Soltau, <i>Coffs Harbour City Council, NSW</i>	Achievable Carbon Reduction Strategies - The City of Salisbury Experience, Ross Ioakim and Simon Abrahams, <i>Downer, NSW and John Hutton and Peter Levett, City of Salisbury, SA</i>	Delivering Customer Services Today with Assets from Yesteryear: A Structures Asset Policy for Network Rail, Richard Frost, <i>Network Rail, UK</i>	Shrinkage Behaviour of Cement Modified Base Course Material for Western Australian Pavements, Suphat Chummuneerat, <i>Curtin University, WA</i>	Building Maintenance & Management, Ray Millers, <i>The Hills Shire Council, NSW</i>
7.00pm- 11.00pm	Experience Darwin Dinner, Skycity Darwin					

TUESDAY 13 AUGUST

7.45am Exhibition Open. Complimentary Light Breakfast served in the Exhibition

7.45am Registration, Foyer, Darwin Convention Centre

9.00am-10.30am IPWEA National Address: *Chris Champion*, CEO, IPWEA
Keynote Address: *Paul Porteous*, Entertaining, Inspiring, Life Changing Professional
Being Bigger than the Circumstances

10.30am-11.00am Morning Tea

Session 4 11.00am-12.30pm	WASTE MANAGEMENT	GOOD STUFF II	MANAGING SAFER ROADS II	TECH TALK I SUPERSESION arob ROADS	AM STRATEGIES aurecon	AM STREAM LESSONS LEARNT OPUS
11.00am	Glengarry Stock Truck Effluent Collection and Treatment in Challenging Terrain, Graham Eagles, <i>OPUS, NZ</i>	100 Trends Affecting Public Works Engineering in Australia, David Nixon, <i>Better Management, QLD</i>	Safe Systems: A Little Less Conversation, a Little More Action - the Parkes Elvis Festival Street Parade Experience, Melanie Suitor, <i>Parkes Shire Council, NSW</i> and Phil King, <i>Health Consulting Engineers, NSW</i>	What can be Learnt from Technical Investigations of Bridges in the Top End. Three x 20 minute papers will be presented followed by a panel discussion. Bridge Session	Infrastructure Backlog - What, Why & How, Timothy McCarthy, <i>Morrison Low, NSW</i>	Our Journey Towards Enterprise Asset Management, David Jolly, <i>Dorset Council, TAS</i>
11.30am	How To Turn a Dump into a Modern Waste Management Facility - A Tasmanian Perspective, Geoff Lang, <i>Hobart City Council, TAS</i>	WHS at Orange-a New Approach for Local Government, Chris Devitt, <i>Orange City Council, NSW</i>	Building a Road Safety Culture: Implementing Road Safety Through a Council Intranet system, Jenny Davies, <i>Shellharbour City Council, NSW</i>	Bridges - A Practical Guide To Loads and Strengthening, Richard Cassidy, <i>Pitt & Sherry, TAS</i> Bridge Inspections and Management – Rudolph Kotze, <i>ARRB</i> and/or Richard Underhill, <i>NT Govt</i>	The Choice to Use Decision Making as an Effective Instrument of Operational Success, Dwayne Pretli, <i>Tenix, NSW</i>	Good Asset Data Is Only the Beginning, Stacey Lee, <i>Gold Coast City Council, QLD</i>
12.00pm	Managing Landfill Gas Emissions, Graeme Alford, <i>Landfill Gas & Power, WA</i>	Then and Now: Foundations for the Future of Engineering. (From the 3rs to the 3cs.), Jane Waldock, <i>City of Yarra, VIC</i> and Vicki Shelton, <i>City of Greater Geelong, VIC</i>	Clear Zone Effectiveness and Crash Risk, Keith Midson, <i>GHD, TAS</i>	The Use Of Technology to Improve Bridge Management – Rudolph Kotze, <i>ARRB</i> Panel Discussion, with all three sessions speakers	Asset Management Strategies for Financial Sustainability, Vivek Kangesu, <i>Townsville City Council, QLD</i>	Kaizen: Asset Management with Molehills and Less Mountains, Reece Harrison, <i>City of Charles Sturt, SA</i>
12.30pm-2.00pm	Lunch					

Session 5
2.00pm-
3.30pm

FLOOD
RECOVERY

GOOD STUFF
III

URBAN RENEWAL

TECH TALK II
SUPERSESSION
arob
ROADS

AM
CHALLENGES
II
aurecon

AM
KEEP IT SIMPLE
OPUS

2.00pm	Storm Recovery at Mount Alexander Shire Victoria - Not Once, Not Twice, but Four Times!, Malcolm Styles, EmStyles, VIC	South African Local Government - What we can Learn, Danie Wium and Matt Coetzee, Aurecon, QLD	Innovations in the Approach to the Redevelopment of a Major Community Hub in Wyndham, Wendy Cheshire and Samantha Krull, Wyndham City, VIC	The Use of Technology for local Government Road Management Four x 20 minute papers will be presented. The Latest Technology Being Used For Road Asset Inspections – Richard Wix, ARRB	Better Asset Management Planning and Delivery - Lessons from the New Zealand Road Maintenance Task Force, Grant Holland, Waugh Infrastructure, NZ and Janice Brass, NZ Transport Agency	Making Your Asset Management Plans Realistic and Affordable, John Howard, Jeff Roorda & Associates, TAS
2.30pm	Moria Shire Flood Recovery Project, David Booth, Moira Shire, VIC and Malcolm McKenzie, CT Management, VIC	Please, in my Front Yard (PIMFY): Designing Streets for People, Not Cars, Paul Morris, GTA Consultants, SA	Magill Urban Village Partnership, Bill Woodcock, Complete Urban, NSW and Jason Pruzinski, Complete Urban, SA	Bitumen Supply and Testing – Kym Neaylon, ARRB Mapping Underground Service Detection and Linking it to 'Dial Before You Dig' – Speaker invited Deterioration and Maintenance of Local Roads – Tim Martin, ARRB	Whole of Life Asset Management - Are we Really Making any Ground? Bill Glasgow, Aurecon, QLD	Cheap Roads and a One Page Asset Policy, Mick Raby and David Niven, Fairfield City Council, NSW
3.00pm	Toowoomba Flood Recovery Mike Brady, Toowoomba Regional Council, QLD and Michael Kahler, AECOM, QLD	Airport Runway Widening - Issues & Options, David Bradshaw, GHD, SA	Prospect Road - The Village Heart: How to Change an Arterial Road into a Popular Main Street, John Willbery, Tonkin Consulting, SA		Aligning Business Process with your Asset Management System, Anthony Monaghan, Infomaster, VIC	Aus-Spec: The Proactive Approach to Asset Maintenance, Nandini Mehta and Kevin Rooney, NATSPEC, NSW
3.30pm- 4.00pm	Afternoon Tea					

Session 6
4.00pm-
5.00pm

**MATERIALS
TECHNOLOGY**

**SUSTAINABLE
LIGHTING**

**TREE
MANAGEMENT**

**TECH TALK III
SUPERSESSION**
arob
GROUP

**AM
GEOTECHNICAL
CHALLENGES**
OPUS

**AM
BUILDINGS
II**
aurecon

4.00pm	Fibre Reinforced Plastics Within Public Infrastructure Design, Costs, Manufacture and Installation, Mario Springolo, <i>Wagners, QLD</i>	The Delivery and Benefits of Sustainable Lighting, George Angelis, <i>City of Sydney, NSW</i>	Trees and Development Sites - Basic Reporting Guidelines, Sarah Priestley, <i>Council Arboriculture VIC</i>	Workshop – new ways to build and sustain road and bridge technical capability in local government Three x 10 minute case studies followed by workshop session.	Solutions To Common Geotechnical Problems Using Seismic Technology (Such As Depth To Rock, Depth And Extent Of Filling, Compaction, James Tayler, <i>Earthsolve, QLD</i>	Management And Maintenance Strategies For Local Government Building Portfolios, Mike Hoy, <i>Urban Maintenance Systems, VIC</i>
4.30pm	Technology Advancements in Synthetic Fibre Reinforced Concrete, Craig Wright, <i>Elasto Plastic Concrete, QLD</i>	Street Lighting Energy Efficiency.....The Lights They are a Changin', Paul Brown, <i>Ironbark Sustainability, VIC</i>	The Benefits of Using a Tree Inventory for Managing Urban Trees, Jason Summers, <i>Hume City Council, VIC</i>	Case Study 1 - The Experience With The Local Roads Alliance In Queensland – Josh Hannon, <i>Transport and Main Roads QLD</i> Case Study 2 – How Can Technical Research Better Inform Innovative Local Government Practice – Kym Neaylon or Steve Walker Case Study 3 – Feedback from national knowledge transfer activities, can it be done better?, Mick Savage, <i>IPWEA and Rita Excell, ARRB</i> Workshop session – Q&A and workshop Facilitator: Rita Excell	Exploring The Unknowns - Designing For Resilience Where the only Constant is Change, Richard Parkinson, <i>OPUS, NZ and Chris Maguire, MWH</i>	Impact of Climate Change on Council buildings, David Logan, <i>City of Whitehorse, VIC</i>

Delegates free night to explore dining delights of Darwin

WEDNESDAY 14 AUGUST

7.45am Exhibition Open. Complimentary Light Breakfast served in the Exhibition

7.45am **Registration**, Foyer, Darwin Convention Centre

Supersession: Attracting & Retaining Young Engineers

Young IPWEA Address: *Kim Sedgwick*, National Chair Young IPWEA

Keynote Address: *Kim Seeling Smith*, "Viva La Revolution! The 5 C's of Employee Recruitment, Engagement and Retention that will revolutionise the ability of your organisation to attract and retain talent in today's social age."

Presentation: Young Rural Female Engineers: *Melanie Giacomini*, Young Shire, *Maddison Bailey*, Lithgow City and *Rebecca Clothier*, Boorowa Council

9.00am-
10.30am

Panel Session: Facilitated by Kim Seeling Smith



Supported by: National Foundation for LG Engineering

10.30am-
11.00am

Morning Tea

Session 7 11.00am- 12.30pm	WATER MANAGEMENT I	THE PUBLIC WORKS ENGINEER	ROADS & TRANSPORT	FUNDING CAPITAL WORKS	AM ROAD MAINTENANCE I aurecon	AM AN INTERNATIONAL PERSPECTIVE OPUS
11.00am	Don't Mention the Bore! - A Transition from Two Water Reticulation Systems to One Reticulation System, John Roworth, <i>Longreach Regional Council, QLD</i>	Taking the Leap of Faith , Anthony McMahon, <i>Boorowa Council, NSW</i>	Integration of Transport and Community Needs , Peter Rufford, <i>PEECE, QLD</i>	Capital Works Planning - Integrating with the Long Term Financial Model , Chris Campbell, <i>Sunshine Coast Regional Council, QLD</i>	Effective Road Maintenance on Limited Budgets , Anne Gibbs, <i>IPWEA VIC</i>	Two Steps Forward, Three Steps Back , Heather Himmelberger, <i>New Mexico Environmental Finance Centre, USA</i>
11.30am	The Reduction of Water Main Failures at City West Water , Max Anderson, <i>City West Water, VIC</i>	The Balancing Act , Stevan Moller, <i>Longreach Regional Council, QLD</i>	Building Better Regional Cities - Karloo Wandina Project , Mark Atkinson, <i>City of Greater Geraldton, WA</i>	Continuing the Debate - Innovative Infrastructure Funding , Bruce Rendell, <i>Greater Dandenong City Council, VIC</i>	Protocol for Selection Of Unsealed Road Material for Regional Local Government , Rod Ellis, <i>Tonkin Consulting, SA</i>	Analysing Infrastructure Asset Management and Outsourcing Policies: A Six-Stage Model , Rob Shoenmaker, <i>TU Delft, Netherlands</i>
12.00pm	Making Renewal Investments with Confidence: Robust Decision Support Process for 3 Waters Reticulation Networks , Phillip McFarlane, <i>OPUS, NZ</i>	A Review of Emerging Education and Training Practices for Municipal Engineers , John Parkin, <i>London South Bank University, UK</i>	Transport Planning to Reduce Impact On Environment, Society and Economy Through Improvements to Road Hierarchy Systems , Jayantha Withanaarachchi, <i>City of Greater Geelong, VIC</i>	A Major Capital Investment Management Framework for Local Government , Matthew Hall, <i>City of Mandurah, WA</i>	Sustainable Road Maintenance and Construction Utilising New Technologies , Stephanie Camarena, <i>Factor Ten, VIC</i>	Applying Australia's Nams to Canada: Achieving Community Wide Change at Elected & Non Elected Levels , Steve Brown, <i>City of Humboldt, Canada</i>
12.30pm- 1.30pm	Lunch					

Session 8 1.30pm- 3.00pm	STORMWATER MANAGEMENT II	ORGANISATION CULTURE	PUBLIC WORKS IN DARWIN CBD	RISK MANAGEMENT	AM ROAD MAINTENANCE II aurecon	AM AN INTERNATIONAL PERSPECTIVE OPUS
1.30pm	South Australian Community Wastewater Management Systems: Recycling Wastewater in Regional Towns, Beth MacGillvray, Tonkin Consulting, SA	Connect with your Community by Advocating Public Works Elia Twigg, City of Palm Bay, USA	Planning for the Future: The Darwin CBD Traffic Study, John-Paul Foster, SKM, NT	Potential Hazards In Glazing Above Public Areas, David Lilley, Charles Darwin University, NT	Prevention and a Better Cure - the English Government's Pothole Review, Matthew Lugg, Leicestershire County Council, UK	Lessons from Europe: Planning and Delivery of Capital Works and the Impacts of an Economic Downturn, Cohen Van Der Velde, Bass Coast Shire Council, VIC
2.00pm	Innovations at Cowra Water Treatment Plant, George Ridley, Cowra Shire Council, NSW	Keeping the Flame Alive: The Art and Science of Managing Clever People, John Ambrose, IPWEA WA	Darwin CBD Parking Strategy - A Coming of Age, Paul Simons, Tonkin Consulting, SA	The Relevance of Risk Management - 9 Council Case Studies, Fendall Hill, GHD, QLD	A Method for Improved Design and Construction of Patches For Rural and Regional Roads, Steven Morton, Regional Technical Solutions, NSW	Infrastructure Management: Dynamic Control of Assets, Jules Verlaan, Delft University of Technology, The Netherlands
2.30pm	Options for Delivering New Water and Wastewater Infrastructure, Jamie Roodenrys, Osmoflo, SA	Transformational Thinking of a Time Travelling Engineer, Jason Dellar, Sunshine Coast Regional Council, QLD	Underground Stormwater Assets the Big Unknown, Nadine Douglas, City of Darwin, NT	Risk Based Cost Estimation and Budget Forecasting of Capital Intensive Road Projects Using Monte-Carlo Simulation, Harshavar Ranade and Mehender Rao, Maribyrnong City Council, VIC	Reducing Metal Usage and Grading Frequency by Continuous Compaction of Unsealed Roads With Grader Attached Rollers, Paul Herbison, WalknRoll International, NZ	Public Works Engineering & Asset Management - A French Perspective - International Ideas and Best Practices, Anthony Ogle, City of Ryde, NSW
3.00pm-- 3.30pm	Afternoon Tea					
3.30pm- 4.30pm	Young IPWEA Panel Session: Lend us your shoulders so we can see our future Panel members: <i>Kim Sedgewick</i> , YIPWEA National Chair, <i>Anthony McMahon</i> , YIPWEA NSW Chair, <i>Elizabeth Treadway</i> , APWA National, President and <i>Paul Di Iulio</i> , IPWEA National President. Facilitator: Gerry Gannon					
4.30pm- 4.45pm	Closing Session: Invitation to Conference 2015					
4.45pm	Conference 2013 Closes					
7.00pm - 12.00am	Gala Dinner, Darwin Convention Centre. Sponsored by: KOMATSU					

THURSDAY 15 AUGUST

9.00am Technical Tours

FRIDAY 16 AUGUST

Post Conference Tours

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.

