







CONFERENCE PROGRAM






Sunday 6 September						
4.00pm-6.00pm	Registration , Melbourne Convention & Exhibition Centre (MCEC)					
5.00pm-6.00pm	International Delegates and Under 30's Welcome - Clarendon Room, MCEC (By invitation)					
6.00pm-8.00pm	Welcome Reception Convention Centre					
Monday 7 September						
8.00am	Registration , Melbourne Convention & Exhibition Centre (MCEC)					
8.45am	Official Opening Ceremony & Special Welcome , Melbourne Convention & Exhibition Centre (MCEC)					
9.45am	Keynote Address: Christine Nixon APM, Chair Victorian Bushfire Reconstruction Authority <i>Global Challenges, Local Issues Impacting Our Communities</i>					
10.30am-11.00am	Morning Tea					
Session 1 11.00am-12.30pm	Water Management I	Award Winning Papers	Parks & Recreation I	Climate Change Emissions Reduction	AM Stream Tools I 	AM Stream Strategic 
11.00am	A Three Waters Vision for Dunedin Dan Stevens, Opus International Consultants John Mackie, Dunedin City Council Ian Garside, BECA, NZ	Water Management in the Western United States - Dealing with the Challenges of Drought, Growth, Contamination, and Rural/Urban Conflicts Catherine Chertudi, Boise Public Works Department, USA	Landscape Master Planning - A Strategic Framework to Adapt to Climate Change and Enhance Local Biodiversity Martyn Glover, City of Joondalup, Western Australia, WA	Beyond Emissions Trading - Climate Change Solutions Philip Harrington, Pitt & Sherry, TAS	The Importance of Condition Assessment in Effective Asset Management Paul Ritchie, Ritchie Civil Engineering Pty Ltd, NSW	Strategic Infrastructure Management - How Strategic Really Are We? Grant Holland, Waugh Infrastructure Management Ltd, NZ
11.30am	Planning to integrate for security Gerry Doyle, Tonkin Consulting, SA	Hynds Award Winning Paper (INGENIUM) NZ	Partnerships to Provide Sustainable Grass Sportsfields David Digby & Phil Warner, City of Whitehorse, VIC	Making a Difference Mark Roberts, Connell Wagner Pty Ltd, VIC	Integrated Asset Management Systems - Visualized data ensuring optimal infrastructure service delivery Willem Pretorius, Infrastructure Management Systems, South Africa	International Asset Management Practises and Trends Brian Sharplin, MWH (NZ) Limited, NZ
12.00pm	Wimmera Mallee Pipeline - Piping It For Our Kid's Future Jeff Rigby, GWM Water, VIC	Engineering our Future Peter Godfrey, National President, Engineers Australia, ACT	Turning a strategy into a Building Phil Warner, City of Whitehorse, VIC	Destroy your Landfill Methane for Climate Recovery Graeme Alford, Landfill Gas and Power, WA	Development and Maintenance of a Cathodic Protection System to Protect and Extend the Life of a Steel Pipeline Network Andrew Copley, eThekweni Water & Sanitation, eThekweni Municipality, South Africa	Advanced Asset Management - the NZ Experience Kathy Dever-Tod, NAMS Group, NZ
12.30pm-2.00pm	Lunch					

CONFERENCE PROGRAM

Monday 7 September



Session 2 2.00pm-3.30pm	Water Management II	Benchmarking	Parks & Recreation II	Climate Change Coastal Strategies	Alternative Transport I 	 AM Stream Tools II
2.00pm	Do Transport and Water Supply Infrastructure have the Same Wider Benefits? Anna Robak, Opus International Consultants, <i>NZ</i>	'Numbers Without Meaning' - Benchmarking of Unit Rates within Industries Scott Redwood, Wollongong City Council, <i>NSW</i>	Playground Surfaces - Myths and Facts David Eager, Faculty of Engineering and Information Technology, UTS, <i>NSW</i>	Lessons From Assessing Climate Change Impacts on Coastal areas in Clarence, Tasmania Clive Attwater, SGS Economics & Planning, <i>TAS</i>	SMARTi - Smarter Mobility Achieving Reduced Traffic Initiative Leon Ebbelaar, City of Melville, <i>WA</i>	NAMS.AU: Practical Resources for Asset Managers Peter Way, PSM, <i>QLD</i>
2.30pm	Water and Wastewater Management: The City of Tshwane's Experience BF Loubser, GLS Pty Ltd, <i>South Africa</i>	AUS-SPEC - Benchmark Survey 2009 Richard Choy, NATSPEC, <i>NSW</i>	BayFit - Redevelopment of a Leisure Centre Using ESD Principles Ray Baker, Hobsons Bay City Council, <i>VIC</i>	Managing Climate Change in Coastal Floodplain - Fight, Adapt or Flee? Sue Ribbons, Pittwater Council, <i>NSW</i>	The Leopold Walkability Experiment - Engineering's Role Supporting Social Sustainability Vicki Shelton, City of Greater Geelong, <i>VIC</i>	A New Method for Developing the Most Cost-effective Rehabilitation Programs for Aging Sewer Networks Toby Bourke, MWH, <i>QLD</i>
3.00pm	Sippy Downs Integrated Water Management Planning Chris Tanner, Bligh Tanner Pty Ltd, <i>QLD</i>	Process Benchmarking in Dubbo City Council Phil Hawley, Phil Hawley & Associates, <i>NSW</i>	Do your Parks Measure Up? - International Benchmarking for Parks Chris Rutherford, Ipra Yardstick, <i>NZ</i>	Inter-annual Variability and Trends of Storminess, Perth, 1994-2008 Fangjun Li, Department for Planning and Infrastructure, <i>WA</i>	IMAP: Prioritising Quality Bicycle Routes for Inner Melbourne Richard Smithers, City of Yarra, <i>VIC</i>	Using a Framework to Improve Asset Management Outcomes Ian Greenwood, Opus International Consultants Limited, <i>NZ</i>
3.30pm-4.00pm	Afternoon Tea					
Session 3 4.00pm-5.00pm	Skills Shortage I	Good Stuff I	Parks & Recreation III	Managing Safer Roads I	Good Stuff II 	 AM Stream Service Levels I
4.00pm	Sourcing Talent - Capitalising on Current Market Perception Doug Edmonds, Randstad Tanner Menzies, <i>VIC</i>	Capital Works Planning & Development for Sunshine Coast Regional Council Brian O'Connor, Chris Campbell & Gary Taylor, Sunshine Coast Regional Council, <i>QLD</i>	Water Smart Parks Geoff Eves, City of Stirling, <i>WA</i>	Safe Design of Rural Roads by Normalized Road Characteristics Dr. Ing Thomas Richter, Technische Universität Berlin Institute of Land and Sea Transportation, <i>Germany</i>	Community and Public Transport Information at Your Fingertips via Mobile Phone - a View in to the Future Peter Stoeveken, GHD, <i>NZ</i>	Aligning Asset Management Plans to Service Delivery John Devine, Morrison Low Consultants Pty Ltd, <i>NSW</i>
4.30pm	Re-engineering the Bush: An Innovative Collaborative Engineering Degree at University of New England, Armidale Rex Glencross-Grant, School of Environmental and Rural Science, <i>NSW</i>	Council Becomes a Contractor Ben Lawson, Snowy Works and Services, <i>NSW</i>	Not Just Swings and Roundabouts - Meeting the Infrastructure Challenge for Recreation Assets Martin Parmenter, Wollongong City Council, <i>NSW</i>	Motor Vehicle Crashes: Injury Costs to the Community and Methodology for Local Government to Reduce this Burden of Injury Paul Riley, Institute of Public Works Engineering, <i>NSW</i>	An Asset Centric and Systems approach to Road, Building and Parks maintenance Bill Woodcock, COMPLETE Urban, Hans Meijer, Penrith City Council, Andrew Ling, Parramatta City Council, <i>NSW</i>	Implementing Asset Management in the First Water Cycle Company of the Netherlands Geert Jan van Heck, Waternet, <i>The Netherlands</i>
7.00pm-11.00pm	Extravaganza Dinner - National Gallery Victoria					

CONFERENCE PROGRAM



Tuesday 8 September						
7.15am-8.30am	Business Breakfast					
8.30am	Registration , Melbourne Convention & Exhibition Centre (MCEC)					
9.00am-10.30am	Keynote Address: Dr Tony Press, CEO Antarctic and Ecosystems CRC <i>Climate Change: What Prognosis from the Latest Science?</i> Keynote Address: Philip Bullock, Chair, Skills Australia <i>'Workforce' Challenges and Issues in our Global Economy</i>					
10.30am-11.00am	Morning Tea					
Session 4 11.00am-12.30pm	Water Sustainability II	Road Pavement Management I	Stormwater Management I	Climate Change Adaptation I	Alternative Transport II 	AM Stream Service Levels II 
11.00am	Potable Stormwater Harvesting, the Orange Experience John Boyd, Orange City Council, <i>NSW</i>	Road Maintenance, What Drives Us? Michael Chadderton, A J Broom Road Products NZ Ltd, <i>NZ</i>	Wadmore Park Stormwater and Erosion Control Clive Harrington, Campbelltown City Council, <i>NSW</i>	Adapting Public Infrastructure in a Climate Constrained Future Adam Davis, Connell Wagner, <i>NSW</i>	Embedding Walkability - Preliminary Results of State-wide Trial of the Walkability Toolkit Evelyn Légaré, Jenny Donovan, Dept of Transport Walking & Cycling, David Lock Assocs <i>VIC</i>	Developing Asset-based Level of Service Standards in Seattle Department of Transportation Elizabeth Paschke, Seattle Department of Transportation & Doug Stewart, GHD, <i>USA</i>
11.30am	Sustainable Sunraysia - Mildura Rural City Council's Environmental Management Initiatives Matt George, Mildura Rural City Ccl, <i>VIC</i>	Maintaining Safe Road Networks - Integrating Safety into Asset Management Peter Kadar, ARRB Group - NSW/ACT, <i>NSW</i>	Stormwater Management Practices in Gold Coast City: Water Sensitive Urban Design perspectives Shahadat Hossain, Gold Coast CC, <i>QLD</i>	Climate Change Implications and Adaptation Strategies P Vere Cooper, Devonport City Council, <i>TAS</i>	Planning a Bike Network for Launceston Nigel Coates, Launceston City Council, <i>TAS</i>	Service Driven Asset Management - Three Case Studies Graham Jordan, CRC for Integrated Engineering Asset Management, <i>QLD</i>
12.00pm	Community Water Harvesting - the Missing Element in Sustainability Jonas Sipaila, Rehbein Environmental Solutions Inc, <i>USA</i>	Stop Reinventing the Wheel - Pavement Management isn't Rocket Science Phil Miles, Cessnock City Council, <i>NSW</i>	Stop the Money from Gurgling Away - Understanding your Drainage Network Ben Symmons, Opus International Consultants, <i>WA</i>	Incorporating Climate Change Effects into Mainstream Transport Infrastructure Barbara Pearson, GHD, <i>NZ</i>	Walking School Bus Road Safety Engineering & Education Snezana Dimitrovska, Roads ACT, Office Transport Community & Infrastructure Services, <i>ACT</i>	Infrastructure Management: Dynamic Control of Assets Jules G Verlaan, Delft University of Technology, <i>The Netherlands</i>
12.30pm-2.00pm	Lunch					
Session 5 2.00pm-3.30pm	Skills Shortage II	Road Pavement Management II	Stormwater Management II	Climate Change Adaptation II	Service Delivery Options I 	AM Stream Funding 
2.00pm	Global Challenges and Issues, What's the Next Step? Dr Mark Jordan, Atkins Highways & Transportation, <i>UK</i>	Replacement of the ROMAN Road Asset Management Database Kristin B McKeachie, Opus International Consultants (NSW) Pty Ltd, <i>NSW</i>	Setting Criteria for Environmental and Channel-forming Flows for Waterways in Urban Catchments John Argue, Urban Water Resources Centre, Univ South Australia, <i>SA</i>	The Increasing Impact that Climate Change is Having on the UK's Highway Maintenance Service Matthew Lugg, Leicestershire County Council, <i>UK</i>	A Model for Applying the Substantial Benefits of State Government Roading Authorities' Term Network Contracts to the LG Environment Dr Simon Holtby, Fulton Hogan, <i>WA</i>	Using Financial Planning to Overcome an Asset Management Funding Gap John Comrie, JAC Comrie Pty Ltd, <i>SA</i>
2.30pm	The Skills Shortage - Long Term and Short Term Solutions Rob Shaw, Local Government Engineering Services P/L, <i>NSW</i>	Performance Assessment of Paving Fabric Applications on Australian Roads Roderick Fyfe, Geofabrics Australasia, <i>SA</i>	Make A Storm Pond Your Sports Field Mike Kelly, Rehbein, <i>USA</i>	Adapting Infrastructure to the Impacts Climate Change Michael Nolan, Maunsell AECOM, <i>VIC</i>	Outsourcing In-house - Why It Works Colin Grainger, Consultz, <i>NZ</i>	Intergenerational Fairness: Fool's Gold? Leo Gohier, Infrastructure Dynamix Inc. (IDx), <i>Canada</i>
3.00pm	Regional Approach to Skill Shortages David Sutcliffe, Baw Baw Shire Council, <i>VIC</i>	Performing Seals - Factors Affecting Sustainable Sprayed Sealing Practice Stuart Dack & Adrian Grbac, BP Bitumen, BP Australia Pty Ltd, <i>VIC</i>	Modelling of Structural and Serviceability Condition of Individual Buried Stormwater Pipes Using Neural Networks S. B. Abeykoon, Strathbogie Shire Council, <i>VIC</i>	Subsurface Saline Water Irrigation & Salt Tolerant Plants: - Sustainable Landscaping Techniques for Coastal & Salt Affected Zones Ronald Loughland, Knowledge Tree Environmental Consultancy, <i>NSW</i>	Using Portfolio Management to Create an Edge Based Organisation Andrew Craig, City of Tea Tree Gully, <i>SA</i>	Funding Lane Cove's Future John Lee, Lane Cove Council, <i>NSW</i>

CONFERENCE PROGRAM

Tuesday 8 September Continued




3.30pm-4.00pm	Afternoon Tea						
Session 6 4.00pm-5.00pm	Skills Shortage III	Community Engagement	Good Stuff III	Managing Safer Roads II	Transport Planning 		
4.00pm	Retaining the Best Professional Staff - Establish an Effective Mentoring Program for Generation Y and Others Steve Pilcher, Pilcher Partners Pty Ltd, VIC	Sustainable Communities - the Baw Baw Community Infrastructure Solution Lynn Mizen, Baw Baw Shire Council, VIC	Integrated Graffiti Management for Public Asset Managers John Walkom, Techni-clean Australia, NSW	Road Safety Community Partnership Program Jason Deller, Moreton Bay Regional Council / Pine Rivers District, QLD	Sustainable Traffic Management Through Route Optimisation Blair Monk, GHD, NZ	Smarter Public Works Engineers - A Unique Local Solution to a Global Challenge Ray Farrelly, Centre for Pavement Engineering Education (CPEE), VIC	
4.30pm	New Technology in Outback Queensland Emilio Cianetti, Mount Isa City Council, QLD	How to Stop Littering in Public Spaces - Campaign Examples from Helsinki, Finland Elina Nummi, City of Helsinki, Public Works Department, Streets and Parks Division, Finland	Healthy Spaces and Places Stephanie Knox, Planning Institute of Australia, ACT	Austrroads - Guides to Road Safety for Practitioners Michael Tziotis, ARRB Group, VIC	Better Roads - Less Emissions? Tore Knudsen, SINTEF, Roads and Transport, Norway	Asset Person - Asset Manager or Superhero? Don Vincent, Global Water Industry Insights, VIC	
Delegates free night to explore dining delights of Melbourne							

Wednesday 9 September

8.00am	Registration , Melbourne Convention & Exhibition Centre (MCEC)						
8.30am-10.00am	Keynote Address: Robyn Moore, Entertaining, Inspiring, Life Changing Professional <i>Being Bigger than the Circumstances</i>						
10.00am-10.30am	Morning Tea						
Session 7 10.30am-12.00pm	Water Sustainability I	Management	Flood Management	Managing Safer Roads III	Service Delivery Options II 	Works I	
10.30am	Delivering Recycled Water to South East Queensland Warren Traves, Western Corridor Recycled Water Pty Ltd, QLD	Change - A Simple Process, Complicated by People Andrew Ryan, Sunshine Coast Regional Council & Dennis Kirby, CT Management Group, QLD	Flood Risks Management in the City of Helsinki Osma Torvinen, City of Helsinki, Public Works Department, Street and Park Division, Finland	Road Crashes on Local Government Roads - Causes and Solutions Blair Turner, ARRB Group, VIC	The Midland Highway Alliance Matthew Lugg, Leicestershire County Council, UK	Service Levels for Local Roads in the Shire of Campaspe Jon Aujard, Shire of Campaspe, VIC	Using Risk to Set Service Priorities in U.S. Rural County Patricia Bugas-Schramm, PBS Consulting - Asset Strategies, USA
11.00am	Water Sustainability in Outback Communities of South Australia Bill Ryan, Outback Areas Community Development Trust, SA	Plan and Building Law - An Educational Programme for Local Authority Politicians Anne Lene Helgetun, Molde Kommune & Ståle Undheim, Norsk Kommunalteknisk forening, NKF Plansak, Norway	Floody Hell John McRobert, East Ayrshire Council, Roads Division, UK	Video Surveys for Road Networks - Can They Finally Deliver? Matt Ryeland, Cardno-TBE, QLD	Did 7 Years with Private Water-Wastewater Operation Contractor Give Better Results or Just Lower Costs? Tommie Eriksson, Municipality of Norrtälje, Sweden	Water Industry Worker (WIW) Training - How to Make it Count Rob Fearon, Qldwater, QLD	Developing a Strategic Asset Management Framework - Key Success Factors and Lessons Learnt Paul Kellick, City of Joondalup, WA
11.30am	A Clear Pathway for 5 Waters Asset Management - Strategic Sustainability Framework Greer Lees, Opus International Consultants Ltd, NZ	The Influence of Leadership Style and Subordinate Personality on Outcomes Kedsuda Limsila, Mahanakorn University of Technology, Thailand	Diverting the Flow: Protecting Property from Flooding & Achieving Positive Environmental Outcomes in Kogarah Rhys Thomson, Cardno Lawson Treloar, NSW	Mature Driver Behaviour Change - Lessons from the US and Europe Jane Waldock, City of Yarra, VIC	The Challenge of Establishing a Partnership for the Delivery of Local Infrastructure Mark Bunch, Gold Coast City Council & Mark Bunch, Complete Urban, QLD	Subsurface Utility Engineering: A Proven Solution Nicholas Zembillas, Cardno-TBE, USA	A Fit for Purpose Corporate Asset Management Framework - Description of a Journey Phil Burton, The District Council of Mount Barker, WA

CONFERENCE PROGRAM

Wednesday 9 September Continued

12.00pm-1.00pm	Lunch						
Session 8 1.00pm-2.30pm	Bridges	Project Management	The Public Works Engineer	Urban Renewal	Service Delivery Options III 	Works II	AM Stream Decision Support 
1.00pm	Emerging Technology In Underwater Bridge Inspections Miller L Love, Collins Engineers Inc., USA	Managing Risk in Project Procurement Jonathan Scherer, Davis Langdon, VIC	Sharing Best Practice; the Changing Role of the Professional Journal Ian Jenkinson, Municipal Engineer, Institution of Civil Engineers, UK	Bankstown CBD Renewal So Far Rowan Morrison, Bankstown City Council, NSW	A 2020 view of Local Government Service Delivery Options Lloyd Arnott, Connell Wagner, QLD	The Impact of "Peak Oil" on Maintaining Roads Ron Sneddon, City of Greater Shepparton, VIC	Linking Asset Management to Community Vision Guy Felio, Dillon Consulting; Infrastructure Strategies & Research Inc, Canada
1.30pm	Hardwood Timber Bridge Responses when Examined with Non-destructive Real-time Analysis John C Moore, NSW	From Empire to the Future: Replacement of Perry Lakes Sporting Facilities Steve Humfrey, Department of Sport and Recreation, WA	National Network of Local Authority Building Control Officers Hallgeir Johan Strifeldt, Norwegian Association of Municipal Engineering/ Forum for Building Control, Norway	Green Square Town Centre, Sydney Paul Andersen, Landcom, NSW	Developments In The UK Public Sector Market For Long-Term Highways Services Contracts - 1989 to 2009 Alan Hayes, Amey, UK	Being Prepared and Black Saturday Ross Hibbert, Whittlesea City Council & Trevor Hibbert CFA, VIC	Does a 5-Star Asset Mean a 5-Star Community Service Outcome: Reflection on the Use of Ratings and Score Cards David Platt, CRC for Integrated Engineering Asset Management, SA
2.00pm	Innovation in Engineered Wood Product Bridge Components Peter Robinson, Boral Plywood, QLD	Asset Management & Project Management for the Delivery of Capital Works Programs Mauro Covacci, Wyndham City Council, VIC	Public works After International Disasters: An Australian Perspective Alan McLean, RedR Australia, VIC	Transformation Maribyrnong's Way Jyoti Ghosh & Ian Butterworth, Maribyrnong City Council, VIC	Contracts for Outsourcing of Operation and Maintenance of Capital Assets as Part of a PPP Procurement Model Tony Roccisano, McCullough Robertson, QLD	The Impact of Climate Change and its Effect on Stormwater Management Gary Whitehead, Shire of Yarra Ranges, VIC	Integrated Decision Making in the Deep South of New Zealand - The Southland District Council Experience Paul Hume, MWH, NZ
2.30pm-3.00pm	Afternoon Tea						
3.00pm	Trade Exhibition Closes						
3.00pm-4.00pm	Keynote Address: Dwayne Kalynchuk, GM Environmental Services, Victoria BC, Canada <i>Carbon Tax: Implications and Opportunities for Local Government</i> Panel: Future Challenges, Local Solutions in Public Works						
4.00pm-4.10pm	Chris Champion, President, International Federation of Municipal Engineering (IFME), and CEO, IPWEA National						
4.10pm-4.30pm	Closing Session: Invitation to Sydney 2011, Helsinki 2012						
4.30pm	Conference 2009 Closes						
7.00pm - 12.00am	Gala Dinner, Melbourne Convention & Exhibition Centre (MCEC)				Sponsored by 		
Thursday 10 September							
9.00am	Technical Tours						
Friday 11 September							
9.00am-12.30pm	Emergency Management Workshop This half day workshop will present the lessons learnt from the recent catastrophic natural disasters in Australia, in particular the Victorian bushfire event of February 2009, and the involvement required on local government, state government and other support agencies. It will highlight the demands that were faced and show the approaches needed to be better prepared for more extreme weather events in the future. Please register your attendance on the registration form.						

Disclaimer

The speakers, topics and times are correct at the time of printing. In the event of unforeseen circumstances, the organisers reserve the right to delete or alter items in the program or to substitute speakers.