

## Program: Wednesday 6th May 2009

Time				
0800–0830	Registration			
	<b>Argyle Room</b>			
0830–0915	CONFERENCE OPENING: Hon G Jacobs MLA and Sue Murphy, CEO			
0915–1000	<b>KEYNOTE ADDRESS 1: Dr Noel Nannup</b> The Nannup Family Trust <i>The Aboriginal perspective on Water and Landscape</i>			
1000–1045	<b>KEYNOTE ADDRESS 2: Professor Ken Freidman</b> Professor of Design, Swinburne University <i>The Role of Design in Dealing with the Challenges of Climate Change and Sustainability</i>			
1045–1115	MORNING TEA			
	<b>Argyle Room</b>	<b>Fremantle Room</b>	<b>Stirling B Room</b>	<b>Stirling A Room</b>
	<b>LENS 1</b> Water and Urban Planning	<b>LENS 2</b> Culture, Attitudes and Values	<b>LENS 3</b> Science, Engineering and Systems	<b>LENS 4</b> Water and the Urban Landscape
1115–1130	<b>1A</b> Prof Tony Wong EDWA <i>Incentives to drive uptake of WSUD across Australia</i>	<b>2A</b> Ms Colleen Murphy City of Wanneroo <i>Barriers &amp; Catalysts in Wanneroo (or, how we learned to stop worrying and love the WSUD)</i>	<b>3A</b> Mr Michael Donn CSIRO Land & Water <i>Use of high resolution water quality monitoring for impact assessment of urban development</i>	<b>4A</b> Ms Shelley Shepherd Essential Environmental Services <i>Are we delivering better urban water management in WA?</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1135–1150	<b>1B</b> Dr Michael Barry BMT WBM <i>The efficiency of local water sources subject to climate change to supplement regional water supply for Perth</i>	<b>2B</b> Mr Peter Morison Monash University, <i>Where is the 'P' in WSUD? Understanding the nature of publics and local policy commitment.</i>	<b>3B</b> Mr Ashley Roberts GHD Pty Ltd <i>Integrated WSUD Project Delivery</i>	<b>4B</b> Dr Peter Breen EDWA Australia <i>Multi-Purpose Drainage Systems: A WA Case Study</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1155–1210	<b>1C</b> Ms Meredith Blais Water Corporation <i>Towards climate resilience</i>	<b>2C</b> Ms Peta Dzidic CSIRO <i>Keeping up with the Joneses: A peek over the fence at neighbourhood social norms as they influence water conservation and urban design</i>	<b>3C</b> Mr Bill Till Department of Water <i>Quantity is the Key to Stormwater Quality Management</i>	<b>4C</b> Mr Aram Manjikian Parsons Brinckerhoff <i>Stormwater Treatment or Environmental Flows—reviving a natural billabong</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1215–1230	<b>1D</b> Miss Lydia Mattner Goulburn–Murray Water <i>A Regional Perspective on the application of WSUD</i>	<b>2D</b> Mr Alan Hoban Water By Design— South East Queensland Healthy Waterways Partnership <i>Interpretive signage for water sensitive urban design projects—Which way forward?</i>	<b>3D</b> Mr Rod Burton Water Corporation <i>Managing Pressure to Save Water in Perth</i>	<b>4D</b> Mr Mike Mouritz Hassell <i>Twenty Years of WSUD: some personal reflections with examples</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1235–1250	<b>1E</b> Mr Nathan Clements Parsons Brinckerhoff <i>1.5yr ARI Flood Attenuation—The Forgotten Best Practice Objective</i>	<b>2E</b> Mr Shaun Leinster DesignFlow <i>The Credit Crunch—Water Sensitive Urban Design in Parks</i>	<b>3E</b> Prof John Argue University of South Australia <i>Setting criteria for environmental and channel-forming flows for waterways in urbanising catchments</i>	<b>4E</b> Prof Tony Wong EDWA <i>Design, Construction and Monitoring Singapore's First Bioretention Systems</i>
	Questions	Questions	Questions	Questions
1255–1345	LUNCH			

Argyle Room				
1345–1430	<b>KEYNOTE ADDRESS 3: Professor Richard Weller</b> Professor of Landscape Architecture, University of Western Australia <i>Planning and design for the 'Boom Town'</i>			
1430–1515	<b>KEYNOTE ADDRESS 4: Assoc Prof Rebekah Brown</b> Associate Professor, Monash University and Program Leader of the National Urban Water Governance Program <i>Urban Water Reform Across Australia: The Influence of Multiple Communities of Practice</i>			
1515–1545	AFTERNOON TEA			
	<b>Argyle Room</b>	<b>Fremantle Room</b>	<b>Stirling B Room</b>	<b>Stirling A Room</b>
	<b>LENS 5</b> Water and Urban Planning	<b>LENS 6</b> Governance and Policy Dimensions	<b>LENS 7</b> Science, Engineering and Systems	<b>LENS 8</b> Assessment Techniques for WSUD
1545–1600	<b>5A</b> Ms Susan van de Meene National Urban Water Governance Program, Monash University <i>Characteristics of a Future Sustainable Urban Water Management Regime: Insights from Two Australian Cities</i>	<b>6A</b> Mr John Roberts Department of Water <i>The role of water law reform in implementing water sensitive urban design</i>	<b>7A</b> Mr Andrew Cook EDAAW <i>Adapting best practice design of bioretention and wetlands for application in the Dry Tropics</i>	<b>8A</b> Ms Katie Brookes EDAAW <i>The adequacy of Stream Erosion Index as an alternative indicator of geomorphic stability in urban waterways</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1605–1620	<b>5B</b> Ms Fiona Coe WorleyParsons <i>The New Rouse Hill WSUD Case Study</i>	<b>6B</b> Dr Megan Farrelly National Urban Water Governance Program, Monash University <i>Can demonstration projects act as a mechanism for promoting a transition?</i>	<b>7B</b> Miss Katia Bratieres Monash University, Melbourne <i>The advantages and disadvantages of a sand-based biofilter medium; Results of a new laboratory trial</i>	<b>8B</b> Mr Ngoc Cau Le The University of Tokyo <i>Urban water system in Hanoi: a baseline analysis and local conditions influencing the sustainability of the system</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1625–1640	<b>5C</b> Mr Paul Mitchell Whittlesea City Council <i>Utilizing Water Sensitive Urban Design in the Development of Sustainable Urban Communities</i>	<b>6C</b> Mr Andrew Bruce City of Armadale <i>Your Dream is My Nightmare (or how to make the future look like the present)</i>	<b>7C</b> Ms Maria Bergman Technical University of Denmark <i>Integrated model of soakaways on allotment scale</i>	<b>8C</b> Ms Peta Kelsey Department of Water <i>Hydrological and Nutrient Modelling in the Swan Canning Catchments—current status and future projections</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1645–1700	<b>5D</b> Assoc Prof Sveinn Thorolfsson NTNU (Norwegian University of Science and Technology) <i>Sustainable stormwater management at Urridavatn in Gardabaer in Iceland</i>	<b>6D</b> Mr Peter Adkins Swan River Trust <i>Wharf Street Wetlands and Civic Parklands: A solution to multiple objectives</i>	<b>7D</b> Dr Jim Davies JDA Consultant Hydrologists <i>Nutrient Management using Imported Fill in Areas of High Water Table</i>	<b>8D</b> Mr Nathaniel Parker Natural Resources and Water <i>Effectiveness of WSUD in the real world</i>
	Questions	Questions	Questions	Questions
1730–1800	Refreshments and Registration			
1800–1900	<b>Argyle Room</b> <b>PUBLIC FORUM: Making Perth more climate resilient—towards a water sensitive city</b> Developing a vision of Perth as a 'water sensitive city'—lessons from Europe. <b>Sponsored by Water Corporation</b> Speakers: Louisa Kinnear, Strategy & Policy Analyst, Water Forever James Tay, Graduate Engineer, Water Efficiency Branch			




## Program: Thursday 7th May 2009

Time				
0830–0900	Registration			
	<b>Argyle Room</b>			
0900 – 0945	<b>KEYNOTE ADDRESS 5: Herbert Dreiseitl</b> Atelier Dreiseitl, Germany <i>Urban Design and Water</i>			
	<b>Argyle Room</b>	<b>Fremantle Room</b>	<b>Stirling B Room</b>	<b>Stirling A Room</b>
	<b>LENS 9</b> Assessment Techniques for WSUD	<b>LENS 10</b> Governance and Policy Dimensions	<b>LENS 11</b> Wetlands	<b>LENS 12</b> Science, Engineering and Systems
0945 – 1000	<b>9A</b> Ms Susan van de Meene National Urban Water Governance Program, Monash University <i>Investigating Sustainable Urban Water Management Regimes: What Tools are Available to Help?</i>	<b>10A</b> Mr John Ruprecht Department of Water <i>Urban Water Futures</i>	<b>11A</b> Ms Karen Lane ENV Australia <i>Reaching a Technically-based decision from valid opposing views–A case study of a recreational urban wetland</i>	<b>12A</b> Mr Courtney Henderson EDAW <i>Simplifying and Reducing the maintenance of WSUD elements using bush reconstruction techniques</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1005 – 1020	<b>9B</b> Dr Olga Barron CSIRO <i>Building catchment scale decision support tools to assess the effect of urbanisation on catchment water resources and water quality</i>	<b>10B</b> Ms Annette Bos National Urban Water Governance Program, Monash University <i>Strategic niche management; will it advance the urban water sector in Australia?</i>	<b>11B</b> Miss Meagan Frame Parsons Brinckerhoff <i>Techniques for Inflow Control to Constructed Wetlands</i>	<b>12B</b> Ms Ana Deletic Monash University <i>Porous pavements: Evaluation of clogging in two accelerated laboratory studies in Melbourne</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1025 – 1040	<b>9C</b> Prof Peter Coombes Bonacci Water <i>The spatial variation of climate, household water use and the performance of rainwater tanks in Greater Melbourne</i>	<b>10C</b> Prof Tony Wong EDAW <i>Water Sensitive Cities: Applying the Framework to Melbourne</i>	<b>11C</b> Mr Wayne Cooper GHD <i>Water Sensitive Urban Design in a Coastal Wetland Environment – North Sapphire Beach Development – A Case Study</i>	<b>12C</b> Dr Robert Humphries Water Corporation <i>From Waste to Water Quality – Opportunities for achieving sustainable urban development on the sandy soils of the Swan Coastal Plain, Western Australia</i>
	Questions	Questions	Questions	Questions
1045 – 1115	<b>MORNING TEA</b>			
	<b>Argyle Room</b>	<b>Fremantle Room</b>	<b>Stirling B Room</b>	<b>Stirling A Room</b>
	<b>LENS 13</b> Assessment Techniques for WSUD	<b>LENS 14</b> Governance and Policy Dimensions	<b>LENS 15</b> WSUD Case Studies	<b>LENS 16</b> Water Quality
1115 – 1130	<b>13A</b> Dr Brett Phillips Cardno Willing (NSW) Pty Ltd <i>Assessing the Performance of North Weston Pond, ACT</i>	<b>14A</b> Mrs Mehlika Kayaalp Water Corporation <i>Challenges Associated with Operating a Dual Reticulation System within the Western Australian Context</i>	<b>15A</b> Ilce Mladenovski Dalton Consulting Engineers <i>The effectiveness of the University Hill constructed wetland in treating stormwater</i>	<b>16A</b> Mrs Radin Maya Saphira Environmental Technology Centre <i>Nutrient Leaching from Greywater Irrigation: Case Studies</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1135 – 1150	<b>13B</b> Mr Geoffrey Cocks Coffey Geotechnics Pty Ltd <i>A Comparison of Storage Volume Requirements for Soakage Basins using PCSUMP and the Stormwater Management Manual for Western Australia</i>	<b>14B</b> Mr Craig Wansborough Shire of Serpentine Jarrahdale <i>Our Journey – Water Sensitive Urban Design the SJ Way</i>	<b>15B</b> Ms Emma James EDAW <i>WSUD at Sydney's Green Square Town Centre</i>	<b>16B</b> Mr Paul Lock South East Regional Centre for Urban Landcare <i>Being Fertilise Wise</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over

1155 – 1210	<p><b>13C</b></p> <p>Mr Michael Canci Water Corporation <i>The Effect of Spatial Resolution on Estimates of Groundwater Recharge for Gnangara</i></p>	<p><b>14C</b></p> <p>Mr Leon Harvey Storm Consulting <i>Capability in Integrated Urban Water Management: When Capacity Needs Are Met</i></p>	<p><b>15C</b></p> <p>Dr Brett Phillips Cardno Willing (NSW) Pty Ltd <i>Is Restoring Environmental Flows in the Lower Molonglo River Achievable?</i></p>	<p><b>16C</b></p> <p>Dr Margaret Greenway Griffith University <i>A Comparative Study of Nutrient Removal in Vegetated and Non-Vegetated Vertical Flow Mesocosms</i></p>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1215 – 1230	<p><b>13D</b></p> <p>Mr Paul Dubowski Water By Design – South East Queensland Healthy Waterways Partnership <i>Creating New Pathways for WSUD Implementation – Lessons from South East Queensland</i></p>	<p><b>14D</b></p> <p>Miss Sarah Walker Water By Design – South East Queensland Healthy Waterways Partnership <i>Training: Its effectiveness in assisting the transition to a Water Sensitive City</i></p>	<p><b>15D</b></p> <p>Mr Rhys Thomson Cardno Lawson Treloar Pty Ltd <i>Managing Water Quality at Gardens by the Bay, Singapore</i></p>	<p><b>16D</b></p> <p>Mrs Mirela Magyar Institute for Sustainable Water Resources <i>The Effect of Rainwater Tank Design on Outlet Water Quality</i></p>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1235 – 1250	<p><b>13E</b></p> <p>Dr David McCarthy Monash University <i>Effective monitoring and assessment of contaminants impacting the mid to lower Yarra catchments – Temporal Scale Assessment</i></p>	<p><b>14E</b></p> <p>Mr Martin Anda Murdoch University <i>An Assessment of Scheme Water Savings achieved through Greywater Reuse on a Household Scale in Perth, Western Australia</i></p>	<p><b>15E</b></p> <p>Ms Margaret Dunlop ENV Australia <i>Applying Better Urban Water Management Policy to Non-standard Developments</i></p>	<p><b>16E</b></p> <p>Ms Sri Adiyanti JDA Consultant Hydrologists <i>Water Quality Management of Constructed Lakes in Perth Urban Environment</i></p>
	Questions	Questions	Questions	Questions
1255 – 1400	<b>LUNCH</b>			
1330 – 1440	Poster Presentation			
	<b>Argyle Room</b>			
1400 – 1430	<b>PLENARY ADDRESS:</b> Professor Tony Wong, EDAW <i>Envisioning Future Water Sensitive Cities</i>			
1430 – 1515	<b>KEYNOTE ADDRESS 6:</b> Nguan Sen Tan, Director of Catchment and Waterways Department in PUB, Singapore and Professor Tony Wong, EDAW <i>ABC Waters Programme—Towards Sustainable Water Management in Singapore</i>			
1515 – 1545	<b>AFTERNOON TEA</b>			
	<b>Argyle Room</b>	<b>Fremantle Room</b>	<b>Stirling B Room</b>	<b>Stirling A Room</b>
	<b>LENS 17</b> Water and Urban Planning	<b>LENS 18</b> Culture, Attitudes and Values	<b>LENS 19</b> Science, Engineering and Systems	<b>LENS 20</b> Water and the Urban Landscape
1545 – 1600	<p><b>17A</b></p> <p>Ms Kelly Hudson Department for Planning and Infrastructure <i>Like oil and water: trying to mix water into land planning</i></p>	<p><b>18A</b></p> <p>Ms Caitlin Davis National Urban Water Governance Program, Monash University <i>Practitioner reflections on learning and demonstration projects</i></p>	<p><b>19A</b></p> <p>Ms Ying Yan Qu SA Water Centre for Water Management and Reuse, University of South Australia <i>Sizing rainwater tanks for use with siphonic drainage systems</i></p>	<p><b>20A</b></p> <p>Mr Mark Cavaney Connell Wagner <i>Retro-fitting existing drainage systems to improve runoff quality in the Perth Metropolitan Area</i></p>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1605 – 1620	<p><b>17B</b></p> <p>Mr Gary Walsh EDAW <i>A Stormwater Code of Practice for Industrial Site Development and Management</i></p>	<p><b>18B</b></p> <p>Mr Peter Morison Sydney Metropolitan Catchment Management Authority <i>Engaging with the Community in Water Quality Objective Setting and WSUD Planning</i></p>	<p><b>19B</b></p> <p>Prof Robert Andoh Hydro International <i>Integrate Stormwater Management in Urban Environments – The Role of Vortex Flow Controls</i></p>	<p><b>20B</b></p> <p>Mr John Ruprecht Department of Water <i>Managing groundwater levels to protect infrastructure and assets in urban developments</i></p>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1625 – 1640	<p><b>17C</b></p> <p>Prof Peter Coombes Bonacci Water <i>Integrated water cycle management at Armstrong Creek – towards targets for sustainable development</i></p>	<p><b>18C</b></p> <p>Ms Melissa Green CSIRO <i>Sustainability? The role of aesthetics in community acceptance of a non-potable water supply system</i></p>	<p><b>19C</b></p> <p>Mr Peter Davies Ku-ring-gai Council, <i>Effects of Concrete and PVC Pipes on Water Chemistry</i></p>	<p><b>20C</b></p> <p>Mr Tony Weber BMT WBM Pty Ltd <i>The Importance of Retrofitting WSUD in Restoring Urbanised Catchments</i></p>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over

**Program: Thursday 7th May 2009 (continued)**

	Argyle Room	Fremantle Room	Stirling B Room	Stirling A Room
	<b>LENS 17 (cont.)</b> Water and Urban Planning	<b>LENS 18 (cont.)</b> Culture, Attitudes and Values	<b>LENS 19 (cont.)</b> Science, Engineering and Systems	<b>LENS 20 (cont.)</b> Water and the Urban Landscape
1645 – 1700	<b>17D</b> Mr Stuart Devenish Armadale Redevelopment Authority <i>WSUD – A Tool for Viable Urban Development</i>	<b>18D</b> Mr Andre Taylor Monash University <i>How to Grow Leaders: The Design, Delivery and Evaluation of a Customised Leadership Development Program</i>	<b>19D</b> Ms Anne Gannon The University of Western Australia <i>Investigation into Gross Pollutant Traps Commercially available in Australia</i>	<b>20D</b> Mr Daniel Fischer RMIT University <i>Water Sensitive Urban Design Strategy for Industrial Estates</i>
	Questions	Questions	Questions	Questions
1715 – 1815	<b>Fremantle Room</b>			
	FORUM: <i>Climate Change Adaption Research for Settlements and Infrastructure</i> Facilitator: Mr Ron Cox			
1900	<b>Argyle Room</b>			
	PRE-DINNER DRINKS			
1930	CONFERENCE DINNER Sponsored by GHD			
				

## Program: Friday 8th May 2009

Time				
0830–0900	Registration			
	Argyle Room			
0900–0945	<b>KEYNOTE ADDRESS 7: Professor Stuart White</b> Institute for Sustainable Futures, University of Technology, Sydney <i>Fourth generation urban water futures: the role of Water Sensitive Urban Design</i>			
	<b>Argyle Room</b> <b>LENS 21</b> <b>Assessment Techniques for WSUD</b>	<b>Fremantle Room</b> <b>LENS 22</b> <b>WSUD Case Studies</b>	<b>Stirling B Room</b> <b>LENS 23</b> <b>Stormwater Harvesting</b>	<b>Stirling A Room</b> <b>LENS 24</b> <b>Water and Urban Planning</b>
0945–1000	<b>21A</b> Mr Marc Noyce Cardno Grogan Richards (Vic) Pty Ltd <i>Sustainable Sporting Facility Reviews for Local Government, Victoria</i>	<b>22A</b> Mr Khairul Alam Gold Coast City Council <i>Implementation of WSUD in Gold Coast – Case Studies</i>	<b>23A</b> Mr Pater Poelsma Monash University, Melbourne <i>Development of a new stormwater collection/ treatment unit</i>	<b>24A</b> Mr Wayne Prangnell Shire of Augusta–Margaret River <i>Village Scale Integrated Water Systems</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1005–1020	<b>21B</b> Mr Mark Liebman The Sustainability Workshop Ltd <i>Urban Stormwater Management Targets – Linking Targets with Ecological Impacts</i>	<b>22B</b> Mr Paul Nichols Cardno <i>Haywards Bay Wetlands</i>	<b>23B</b> Assoc Prof Sveinn Thorolfsson NTNU (Norwegian University of Science and Technology) <i>Sustainable stormwater management at Fornebu in Baerum, Norway— Investigation on the stormwater system</i>	<b>24B</b> Ms Vanessa Moscovis Water Corporation <i>Development and Design of the Groundwater Replenishment Trial to Demonstrate Indirect Potable Reuse in WA</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1025–1040	<b>21C</b> Mr Tom Micevski University of Newcastle/eWater CRC <i>The value of improved predictions of household outdoor water use</i>	<b>22C</b> Ms Marion Cahill Swan River Trust <i>A Water Quality Improvement Plan for the Swan and Canning Rivers</i>	<b>23C</b> Dr Grace Mitchell Monash University <i>Performance Assessment of Three Melbourne Stormwater Harvesting Systems</i>	<b>24C</b> Mr Rodney Safstrom Gngangara Sustainability Strategy Taskforce <i>Climate change will drive water sensitive urban design in Perth</i>
	Questions	Questions	Questions	Questions
1045–1115	<b>MORNING TEA</b>			
	<b>LENS 25</b> <b>Assessment Techniques for WSUD</b>	<b>LENS 26</b> <b>Raingardens, Green Roofs and Living Walls</b>	<b>LENS 27</b> <b>Stormwater Harvesting</b>	<b>LENS 28</b> <b>Science, Engineering and Systems</b>
1115–1130	<b>25A</b> Mr Anthony Barr CSIRO Land & Water <i>The effect of urbanisation on water balance in shallow watertable areas in the Southern River catchment</i>	<b>26A</b> Mr David Howard GHD Pty Ltd <i>Transformation of an Existing Garden Feature into a Functioning Raingarden</i>	<b>27A</b> Mr Jay Jonasson Ku-ring-gai Council, NSW <i>Stormwater management – Runoff generation in the Sydney region and impact on stormwater harvesting design</i>	<b>28A</b> Ms Belinda Hatt Facility for Advanced Water Biofiltration <i>Towards widespread implementation of biofiltration for improved stormwater management: an overview of the new Facility for Advancing Water Biofiltration's Adoption Guidelines</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1135–1150	<b>25B</b> Mr Daniel Niven Cardno Lawson Treloar <i>3D Calibration, Validation and Future Prediction of Tidal Lake Water Quality Behaviour</i>	<b>26B</b> Mr Ralf Pfeleiderer City of Melbourne <i>Tree Pit Raingardens in the City of Melbourne</i>	<b>27B</b> Ms Stephanie Ashbolt CSIRO Land & Water <i>Development of least-cost stormwater harvesting portfolio for Canberra</i>	<b>28B</b> Dr Kapil Gupta Indian Institute of Technology, Bombay <i>Role of WSUD in reducing urban flood disasters under extreme monsoon rainfall conditions</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over

	Argyle Room	Fremantle Room	Stirling B Room	Stirling A Room
	<b>LENS 25 (cont.)</b> Assessment Techniques for WSUD	<b>LENS 26 (cont.)</b> Raingardens, Green Roofs and Living Walls	<b>LENS 27 (cont.)</b> Stormwater Harvesting	<b>LENS 28 (cont.)</b> Science, Engineering and Systems
1155–1210	<b>25C</b> Dr Jim Davies JDA Consultant Hydrologists <i>Urban Development in Areas of High Water Table: Unscrambling the Acronyms (AAMGL, CGL, MGL, PGL, etc)</i>	<b>26C</b> Mr Graeme Hopkins Planning SA <i>Green Infrastructure: Re-interpreting natural systems (WSUD) from ground to green walls and roofs within the urban form</i>	<b>27C</b> Dr David Horn GHD Pty Ltd <i>The use of laterite to improve water quality in open drains</i>	
	Questions & change over	Questions & change over	Questions & change over	
1215–1230	<b>25D</b> Ms Ana Deletic Monash University <i>Parameter sensitivity analysis in stormwater flow and quality models</i>	<b>26D</b> Dr Grace Mitchell Monash University <i>Quantifying Stormwater Benefits of Extensive Vegetated Roofs in Melbourne</i>	<b>27D</b> Mr Keith Johnson South East Water Limited <i>A New Direction for Stormwater Harvesting for Urban Residential Areas</i>	<b>28D</b> Ms Gabi Parke EDAW <i>Criteria for determining the suitability of plants for growth in bioretention systems</i>
	Questions & change over	Questions & change over	Questions & change over	Questions & change over
1235–1250		<b>26E</b> Ms Yael Stav Queensland University of Technology <i>Living Walls and their role in the urban watercycle</i>	<b>27E</b> Mr Baden Myers University of South Australia <i>An Experimental Study of the Long-Term Water Quality Impacts of Gravel Media on Water in Storage Underlying Permeable Pavements</i>	<b>28E</b> Assoc Prof Margaret Greenway Griffith University <i>Improved Media for Long-Term Phosphorus Retention in Bioretention Systems</i>
	Questions	Questions	Questions	Questions
1255–1345	<b>LUNCH</b>			
	<b>LENS 29</b> Water and the Urban Landscape		<b>LENS 30</b> Stormwater Harvesting	<b>LENS 31</b> WSUD Case Studies
1345–1400	<b>29A</b> Ms Ichsani Wheeler EDAW <i>Integration of a chain of ponds fluvial system into future urban development</i>		<b>31A</b> Mr Ralf Pfeleiderer City of Melbourne <i>Royal Park Stormwater Wetland and Reuse Scheme</i>	<b>31A</b> Ms Emma Maratea Cardno <i>Working together to sustain the Parramatta River</i>
	Questions & change over		Questions & change over	Questions
1405–1420	<b>29B</b> Ms Bronwyn Woodward ENV Australia <i>What do 46 constructed lakes in WA have in common?</i>		<b>31B</b> Mr Kim Markwell EDAW <i>Riparian Zone Ecosystem Services—the new driver for stormwater retrofit and waterway enhancement</i>	
	Questions		Questions	
	<b>Argyle Room</b>			
1430–1510	<b>PLENARY ADDRESS:</b> David Hedgcock, Head of School of Built Environment, Curtin University and Mike Mouritz, Head of Sustainable Urbanism, Hassell <i>Water Sensitive Urban Design: From Humble Beginnings</i>			
1510–1530	<b>CLOSING PANEL SESSION</b>			
1530–1600	<b>CLOSING DRINKS</b>			