

Water and Wastewater Technologies [Tuesday]

Tuesday, 23 February 2010

Session Room 4

GHD

Irrigation and Water Resources

Paul Perkins

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| 09:30 - 10:10 | Improved Data about the Value of Irrigated Agriculture | Steve May - Bureau of Statistics | e064 |
| 10:10 - 10:30 | Land and Water Management Plan in NSW - End of an Era in Government and Community Partnership | Arun Tiwari - Coleambally Irrigation | e046 |

Carbon and Efficiency

Alison Buchanan

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| 11:15 - 11:35 | Triple Bottom Line Assessment Methodology used in the SA Governments 40 Year Water Security Plan | Sean Ebert - Worley Parsons | e019 |
| 11:35 - 11:55 | Carbon-in-Water | Guenter Hauber-Davidson - Water Conservation | e007 |
| 11:55 - 12:15 | Carbon Footprint Analysis of Central West Catchment Management Authority NSW | Julian Crawford - EcoSTEPS | e082 |

Urban Water Management

David Hope

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| 14:15 - 14:35 | Rethinking the Aussie Backyard Barbeque: Urban Design Implications for Urban Salinity Management | Dr Andrew Krause - EA Systems | e010 |
| 14:35 - 14:55 | A New Model for Wastewater Infrastructure Delivery under the Water Industry Competition Act (NSW) - WICA | Colin Fisher - Aquacell | e102 |
| 14:55 - 15:15 | Melbourne & Water Quality Planning | Robert Considine - Melbourne Water | e001 |
| 15:15 - 15:30 | Technology and Management - The Key to Keeping the Tap On | Richard Dilena - City of Greater Geelong | e079 |
| 15:30 - 15:45 | Management of Hydrant Water for Mobile Tankers - A Solution | Malcolm Hill - South East Water | e024 |

Challenges in Water Recycling

Warren Traves

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| 16:30 - 16:50 | Water Recycling in the Food & Beverage Industry - Case Studies for Beer and Chips | Chris Hertle - GHD | e003 |
| 16:50 - 17:10 | Leading from the End of the Line - Waste Water Treatment and the Western Corridor Recycled Water Scheme | Alison Buchanan - WaterSecure | e067 |
| 17:10 - 17:30 | The Subsurface Flow Constructed Wetland – A Management Option for Your Leachate or Effluent? | Ian McLennan - Golder Associates | e061 |

Water and Wastewater Technologies [Wednesday]

Wednesday, 24 February 2010

Session Room 4

GHD

Stormwater Harvesting

Ian Fergus

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| 09:30 - 09:50 | Application of Microbial Source Tracking Tools to Reduce Human Health Risks from Stormwater Reuse | Christobel Ferguson - ALS & Ecowise | e045 |
| 09:50 - 10:20 | Blackmans Swamp Stormwater Harvesting Project | Chris Devitt - Orange City Council | e118 |

Water from Coal Seam Gas

Chris Hertle

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| 11:15 - 11:35 | Coal Seam Gas Produced Water - Treatment and Reuse Developments 2010 | Gary Smith - URS Corporation | e066 |
| 11:35 - 11:55 | Water – Achieving a Sustainable and Holistic Outcome for CSG Produced Water Management | Ian Fergus - CH2M Hill | e124 |
| 11:55 - 12:15 | Energy – Innovative Solution using Solar Energy to Produce Beneficial Saleable Salt from CSG Produced Water | Ian Fergus - CH2M Hill | e122 |
| 12:15 - 12:35 | Maximising the Value-add from Coal Seam Gas Water | Maxwell Winders - MWA Environmental | e125 |

Energy and Water

David Hope

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| 14:15 - 14:45 | Specific Energy Use for Water Supplied by Domestic Rainwater Tanks | Julian Shortt - Water Conservation Group | e006 |
| 14:45 - 15:15 | Sydney Water's Renewable Energy Generation Scheme | Dr Mark Carleton - Worley Parsons | e126 |
| 15:15 - 15:45 | Water and Energy - Perspectives and Strategies being used Internationally | David Garman - EBCRC | e127 |

Coping with Water Scarcity in Agriculture

Warren Traves

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| 16:30 - 17:00 | Coping With Water Scarcity at Regional Level - The Indian Case Study | Peter Durand - Netafim Australia | e121 |
| 16:50 - 17:10 | Improved Irrigation Efficiency in the Lower Murray Darling Region of Australia | Jeremy Giddings – Dept of Industry NSW | e138 |
| 17:10 - 17:30 | The Federal Government's Southern Basin On-farm Irrigation Efficiency Programme | Nick Rayns – Dept of Environment | e139 |