

WATER INNOVATION CONFERENCE

Programme

Thursday 29 May 2008
Hyatt Regency Hotel, Grand Ballroom, Perth WA

8.30 **Arrival and Registration**

9.00 **Introduction**

Tod Johnston, MC

9.05 **Welcome**

Kim Taylor, Director General, Department of Water

9.10 **Opening Address**

The Hon Alan Carpenter MLA, Premier; Minister for Innovation; Science

9.25 **Government's agenda in water science and innovation**

The Hon John Kobelke MLA, Minister for Water Resources

9.40 **Department of Water - Achievements and challenges**

Kim Taylor, Director General, Department of Water

10.00 **Morning Tea**

10.30 **State water science plan – Securing our water future**

Naomi Arrowsmith, Strategic Project Manager, Department of Water

10.50 **Innovation and opportunities for Western Australia**

Professor Richard Pashley, Member of the Premier's Science and Innovation Council and ARC Professorial Fellow at Murdoch University

11.10 **Introduction to Premier's Water Foundation projects**

11.15 **New bioreactor techniques for treating acid-saline water**

Towards productive use of Wheatbelt acid-saline water; pre-treatment for desalination

Dr Peter Franzmann, CSIRO Land and Water

11.45 **Waste water recycling and water sensitive urban design**

Demonstration of decentralised waste water recycling for small urban areas

Dr Martin Anda, Environmental Technology Centre, Murdoch University

12.15 **Lunch – with guest speaker**

- 13.45 **Lowering the cost of water recycling**
Woodman Point waste water treatment plant effluent recycling using continuous counter-current ion exchange
Michael Chappell, CleanTeQ
- 14.15 **Managing land use and shallow groundwater**
Investigation techniques to better manage WA's non-potable water resources
Dr Olga Barron, CSIRO Land and Water
- 14.45 **e-irrigation for agricultural water savings**
A web based expert system for efficient vegetable irrigation on sands
David Ellement, vegetablesWA
- 15.15 **Afternoon Tea**
- 15.45 **Guidance for managed aquifer recharge**
Managed aquifer recharge (MAR) for groundwater replenishment
Dr Simon Toze, CSIRO Land and Water
- 16.15 **Predicting community reaction to water recycling proposals and developments**
Indirect potable and non-potable reuse through MAR
Blair E Nancarrow, CSIRO Land and Water
- 16.45 **Conclusion**
Kim Taylor, Director General, Department of Water
- 16.50 **Networking and refreshments**