

End of Year E-newsletter

CWMR to Expand

After a very successful 2007, CWMR is pleased to announce that the centre is expanding and is advertising the following new positions: Associate Professor and three post doctoral positions. The position descriptions and application details are available at:

[Link to position descriptions](#)

Highlights and Achievements: Teaching and Learning

Australian insight into global water issues wins accolades



It might be a long way to the Yellow River in China, but Australian know-how is preparing a new generation of Chinese specialists to tackle the problems of water scarcity, water allocation and environmental degradation in one of China's most significant waterways.

In a unique Australian education program the University of South Australia (UniSA) in collaboration with the International Centre of Excellence in Water Resources Management (ICE WaRM) has been providing specialist education to a group of 18 future leaders of China's Yellow River Conservancy Commission (YRCC).

UniSA delivered its first program to a YRCC cohort in 2004 and this year it hosted a second cohort in an especially expanded program developed with ICE WaRM.

The group graduated from the program this month and at the same time, ICE WaRM and its partners were acknowledged by the Business/Higher Education Round Table with the 2007 Award for Outstanding International Collaboration in Education.

The ICE WaRM partnership brings together academic and applied expertise in key areas from its founding partners UniSA, Flinders, Adelaide and Deakin Universities and the University of Central Queensland. Established in 2004, ICE WaRM is now Australia's leading water resources education, training and research organisation offering Masters Programs and industry and community focussed research.

UniSA Professor Simon Beecham from the SA Water Centre for Water Management and Reuse says the success of the 47-week program has ensured more groups from the YRCC will take up educational opportunities in SA. Professor Beecham says the BHERT award serves to acknowledge the success and importance of the ICE WaRM, YRCC collaboration.

"UniSA is developing both research and educational partnerships in China and these are growing every year," he says. We also run an offshore Masters of Civil Engineering program at the Beijing University of Civil Engineering and Architecture.

Many of the 45 Chinese students who completed this program in 2007 will be attending a special international graduation ceremony at UniSA on December 20."

For the full report click on link: <http://www.unisa.edu.au/news/2007/031207.asp>

CRC for Irrigation Futures Creativity and Innovation Award, 2007: David Pezzaniti for his work on Smart Metering.

Industry Linkage Project: Guna Hewa for grant success in for project titled: *Towards the low flow regionalization in a changing climate.*

Invited addresses

Simon Beecham and Prof Cedo Maksimovic (Imperial College London) presented at a UNESCO sponsored Workshop on Urban Stormwater Management in Kuala Lumpur from 3 to 7 December. Since 1998 Simon has been Engineers Australia's national representative on the International Group on Urban Rainfall. This group was established by the International Water Association to disseminate knowledge, technology and existing procedures relating to urban hydrology to practitioners and researchers in developed and developing countries.

CWMMR has also been commissioned by the South African Concrete Manufacturing Association to develop an international version of its PERMPAVE software, which will be launched in Johannesburg in April 2008.

Simon Beecham presented a paper, "*Technological developments in water sustainability, both in Australia and overseas*", at the Water and Mining Conference at the Hilton Hotel in Adelaide on 20/11. This highly topical conference provided a forum for a wide range of industry and research experts to put forward their views. It was also an opportunity to hear from political leaders on the various legislative and policy framework debates re water and mining in light of the current 'water crisis' and the State's projected mining boom.

Research and Research Education

The Centre conducted a 3-day workshop on Urban Stormwater Drainage 31 October, 1 & 2 November. The workshop conducted by Dr Geoff O'Loughlin covers the practicalities of urban stormwater drainage design and analysis.

Research Publications

Pezzaniti, D., Beecham, S. and Kandasamy, J., A Laboratory and Field Investigation into the Effective Life of Permeable Pavements, **Journal of Water Management**, Institution of Civil Engineers, UK.

The journal accepted paper for publication November 2007. The paper will be published in 2008.

International

Professor Magnus Jaeger from the University of Amberg-Weiden will be visiting the centre between the 10th and 14th of December to discuss furthering of our

collaborative research in 2008 and onwards. To date we have had close working ties with Magnus, who first visited our Centre in 2006. Students from Amberg-Weiden have completed several months of occupational training at CWMR required for completion of their engineering diplomas.

John van Leeuwen will be in China visiting the Research Centre for Eco-Environmental Sciences, Beijing China; Tsinghua University, (meeting with Dr Yang Yang and Prof Zuo), Hebei University of Technology (meeting with Dr Cao and Prof Xiaoling Wang) and Beijing University of Civil Engineering and Architecture (BUCEA). He will discuss the development of collaborative research between our centre and each of these institutes.

Simon Beecham recently visited China for the 3rd YRCC International forum in Dongying. Simon conducted a half-day workshop for the Yangtze River Commission and Wuhan University in Wuhan; RCEES and Tsinghua University in Beijing.

*Seasons Greetings from the staff and students at the
Centre for Water Management and Reuse*