

Highlights from the 32nd Hydrology and Water Resources Symposium Newcastle 2009

Speakers:

Fiona Johnson, University of New South Wales, Sydney
Stephen Horne, Parsons Brinckerhoff Australia

Background:

Did you miss the 32nd Hydrology and Water Resources Symposium in Newcastle in early December 2009? If you did or if you didn't but was not able to attend all sessions then come along to the next Sydney Water Panel where 2 presenters from the conference will present their papers.

Fiona is a water resources engineer with nine years' experience in consulting engineering and research. Fiona recently submitted her PhD at the University of New South Wales on the use of Global Climate Models for climate change impact assessments for water resources systems. Her research examined methods that could be used to evaluate the suitability of climate model simulations for water resources applications. She also developed a method to correct climate model rainfall simulations to correctly model interannual variability.

Fiona will present her paper on *An assessment of Future Water Availability Across the World Using Nested Bias Corrected GCM Precipitation Outputs*

Stephen is a Civil and Environmental engineer with Parsons Brinckerhoff. While with PB he has worked on a range of large projects such as the Coopernook to Herron Creek Pacific Highway Upgrade, the Hume Highway Bypass of Tarcutta and Holbrook and the Kulaman Run-of-River Hydroelectric Plant Project, in the Philippines. Stephen completed all the research for this paper during his final year University thesis. He conducted research into turbulence interactions between straight channels and their floodplains, presenting this research at the 2009 Hydrology and Water Resources Symposium.

Stephen will present his paper on *Interactions Between Straight Channels and Their Floodplains*.

Tuesday March 23rd 2010

Time: 5.30pm for 6:00pm

Drinks & nibbles from 5:30pm

Venue: Engineers Australia Auditorium, Ground Floor
8 Thomas Street, Chatswood NSW 2067

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