Publications for 2010

**Book - Scholarly Research**


**Book - Edited**


**Chapter - Scholarly Research**


Atzeni, M, Sohn, J, & Stuetz, RM (2010) 'Addressing the market demands for artificial olfaction systems.' Chemical Engineering Transactions , 23, pp. 135 - 140.


Cendan, DI, Larsen, JR, Jones, BG, Nanson, GC, Rickleman, D, Hankin, SI, Pueyo, JJ, Maroulis, J (2010) 'Freshwater recharge into a shallow saline groundwater system, Cooper Creek floodplain, Queensland, Australia', Journal of Hydrology 392, pp. 150 - 163.


**Journal - Other Refereed Article**


**Conference - Full Paper Refereed**


Conference - Full Paper, Not Refereed


Mariani, A, Carley, JT & Miller, BM (2010) 'Infilling and Sand Bypassing of Coastal Structures and Headlands by Littoral Drift', 19th NSW Coastal Conference, Batemans Bay NSW, 10-12 November.


Conference - Abstract Only


Payne, TE, Comarmond, J, Collins, RN & Waite, TD (2010) 'Ligand effects on uranium sorption - key processes and models', 11th South Pacific Environmental Radioactivity Conference, Gold Coast, Australia, 31 August – 3 September (2010).


**Conference - Proceedings Editor**


**Conference - Presentation, not Published**


**Technical Report**


Roser D, van den Akker B, Burwood beach wastewater treatment plant health risk quantitative microbial risk assessment (2010/1)

Roser D, van den Akker B, Discharge Levels of Protozoan Pathogen from Lithgow STP before and after treatment augmentation – a QMRA Study (2010/5)


Schulz M, Short M, Peters G, Discussion paper: Description of the CUTEP process (2010/3)


van den Akker B, Roser D, Discharge Levels of Protozoan Pathogen from Wallerawang STP before and after process upgrade (2010/7)


Westra S, Bathurst Climate Change and Water Security Study - Technical Memorandum on Climate Impacts (2010/6)

Westra S, Implications of Climate Change on Flood Estimation - Discussion Paper for the Australian Rainfall and Runoff Climate Change Workshop No. 2. (2010/13)

Westra S, Project 4: Continuous Rainfall Sequences at a Point (2010/14)

**PhD Thesis**

Nanda Altavilla - “Assessment of the Effectiveness of Land Surface Processes in Inactivating Cryptosporidium parvum Oocysts in Surface Water Catchments.” Supervisors - Dr David Roser & Professor Richard Stuetz
Fiona Michelle Johnson - titled “Evaluating and enhancing General Circulation Model simulations for water resources climate change impact assessments.” Supervisor - Dr Ashish Sharma

Bradley David Morris - titled “Infilling and sedimentation mechanisms at intermittently open-closed coastal lagoons’. He comlpted his PhD in the WRC, based at the School’s Water Research Laboratory.” Supervisor - Associate Professor Ian Turner

Gavin Peter Parcsi - “Chemical Analysis of odorants from Poultry Facilities.” Supervisor - Professor Richard Stuetz

Tom Shand – “On wave group dynamics in shallow water.” Supervisor: R Cox; Co-supervisor: W Peirson