

Marnie Griffith

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QUALIFICATIONS

- PhD (Monash), 2007. PhD was undertaken through the Department of Civil Engineering, with funding from the CRC for Catchment Hydrology.
Thesis title: Simulating irrigation water use and trading under hydroclimatic uncertainty: the Goulburn system.
Supervisors: Gary Codner and Erwin Weinmann
- BSc/BEc (Hons I) (ANU), 1998

SPECIALISING IN

- Modelling decision making under uncertainty
- Irrigation economics
- Water allocation and pricing

WORK EXPERIENCE

Sept 2007- Research fellow, Centre of Policy Studies, Monash University. Current research interests include the modeling of irrigation industries under drought conditions and the incorporation of water resources in general equilibrium modeling.

2000-2006 Economist, Access Economics, including contributing to projects for various industry groups and government departments, regular drafting of Access' publications, including *Economics Monitor*, *Commonwealth Budget Monitor*, *Business Outlook*, and reports on retail trade and collecting; and analysing survey data as part of Access' *Mineral Price Survey*, *Asset Price Survey* and *State Economic Forecast Survey*.

Jan-Feb 2000 Consultant economist for *Buoyant Economies*, including a month in Tonga gathering data and constructing a Tongan input-output table, and formulating taxation policy options for the Kingdom.

Nov-Dec 1999 Research assistant at Department of Agricultural Economics, UNE, formulating and testing supply-demand models for beef and lamb.

Nov-Dec 1998 Research assistant at Department of Economics, ANU, formulating and testing models of monetary response.

1996-2000 Editor at Asia Pacific Press (National Centre for Development Studies, ANU).

PUBLICATIONS

Griffith, M., Codner, G., Schreider, S. and E. Weinmann, 2005. Simulating irrigator water management under hydroclimatic uncertainty. In Zerger, A. and Argent, R.M. (eds) MODSIM 2005 International Congress on Modelling and Simulation. Modelling and Simulation Society of Australia and New Zealand, December 2005, pp. 1028-1034.