



Sustainable Water Allocation

Program Leader: Dr John Tisdell (Griffith University).

Project 3A: Hydrologic and economic modelling for water allocation

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This project is our main vehicle for integrating biophysical and socio-economic models. It will use the IQQM and REALM models to generate catchment flow regimes for different land and water management policy options.

The project will develop and add a water trading model to the existing water allocation models. The water trading model will permit simulation of the economic consequences of reallocating water resources through trading.

The project harnesses new economic modelling skills from Griffith University, particularly in the area of input-output analysis. It relies on significant input from DLWC and QDNRM researchers using IQQM, and DSE researchers using REALM.

Duration: 3 years, starting January 2003. Total Budget: \$1.99 million

Project 3B: An evaluation of permanent water markets

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This project will extend the CRC's work on experimental water markets. It will provide fundamental insights into the behaviour of water markets that will bound water allocation scenarios to be modelled in Project 3A. There is strong demand within the water industry for this kind of data.

Duration: 3 years, starting January 2003. Total Budget: \$0.79 million