

AUSTRALASIAN GROUNDWATER CONFERENCE



GROUNDWATER FUTURES SCIENCE TO PRACTICE
11-13TH JULY 2017 UNSW, SYDNEY

AGC2017 Speaker: Dr Catherine Moore



Senior Groundwater Scientist and Modeller, GNS Science

Dr Catherine Moore is a senior groundwater scientist and modeller and leads the groundwater modelling team at GNS Science New Zealand, a crown research institute in New Zealand.

Her main research interests include the development of pragmatic tools for: (i) understanding the role of complexity in model predictive uncertainty and quantifying this uncertainty; and (ii) development of methods for identifying and optimising the most cost effective data acquisition and monitoring strategies and data processing technologies for reducing prediction uncertainty; (iii) risk analysis and analysis of uncertainty of model predictions and sensitivities to better support the decision making process and (iv) identifying optimal data and model complexity combinations for reliable environmental decisions.