

AUSTRALASIAN GROUNDWATER CONFERENCE



NATIONAL CENTRE FOR
GROUNDWATER
RESEARCH AND TRAINING

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



Panellist: Modelling Outlook

Dr. Phil Hayes

Principal Hydrogeologist - Jacobs, Brisbane



Dr Phil Hayes is a Brisbane based modeller who specialises in the application of numerical techniques to help solve hydrogeological problems. He works in oil and gas, mining, construction, water resources and contaminant hydrogeology, developing models that Phil increasingly tries to keep simple. Over 20 years as a consultant, Phil has move from a firm believer in deterministic models to being highly sceptical. Understanding, conveying and managing uncertainty comprises a large part of Phil's work, and convincing clients that paid for model results are not to be believed 100%, remains a challenge. Working with a team of modellers, Phil recently delivered the Menindee Lakes investigation for Water NSW including setting results in a probabilistic framework.

Phil has a first degree in Physics, and a PhD in Groundwater Modelling from the University of Birmingham. He has worked across Australia, in the UK for 10 years, and spent the first 5 years of his career in Chile.