Project 3 - Groundwater Modelling decision Support Initiative
(A BHP - Rio Tinto - NCGRT Consortium)

Location: The project will be based at Flinders University, Adelaide, SA

Required area of expertise/background: Engineering, mathematics, physics, earth sciences, groundwater hydrology, modelling and related areas

Project: BHP, Rio Tinto and NCGRT have joined forces to create an exciting new international groundwater modelling consortium. This multimillion dollar partnership will create new software, tools, research, worked examples and case studies, as well as education and training to advance groundwater modelling across government and industry. Groundwater is front and centre in many pressing contemporary issues including water security, food and agriculture, mining and energy, groundwater contamination - amongst many others. This project will create new tools for advancing groundwater modelling for decision support. Professor Craig Simmons and Professor John Doherty (author of the widely used PEST software for model-independent parameter estimation and uncertainty analysis) will supervise various exciting PhD research projects as part of this large new consortium. If you are interested in groundwater modelling, please speak to John Doherty and Craig Simmons about the exciting possibilities for doing a PhD in this new initiative.

2019 RTP full time RTP Stipend Rates* ($27,596). Approximate annual top-up amount: $10,000

Principal Supervisor:
Prof Craig Simmons - Flinders University

Co Supervisors:
Prof John Doherty – Flinders University