

Schedule

Field Methods School

Location: Adelaide

Presenters:

Lead: Dr. Glenn Harrington, Principal Hydrogeologist, Innovative Groundwater Solutions

Lead: Dr. Ilka Wallis, Lecturer, Flinders University

Presenters: Daniel Wohling, Senior Hydrogeologist, Innovative Groundwater Solutions

Dr. Jordi Batlle-Aguilar, Senior Hydrogeologist, Innovative Groundwater Solutions

Dr. Andy Love, Research Associate, Flinders University

Dr. Kent Inverarity, Geophysicist / Project Officer, Department of Environment, Water and Natural Resources

Mr. Tavis Kleinig, Senior Scientific Officer (Hydrogeology), SA Environment Protection Authority

Date: Monday, 9 April 2018

Time	Day 1: Theme: Hydrochemistry
AM	Lecture: Hydrochemistry and groundwater sampling
	Exercise: Introduction to common pump types, low flow sampling
PM	Exercise: Purging of bore holes, well head measurements including alkalinity titration, sampling for inorganic chemistry, and environmental tracers.

Date: Tuesday, 10 April 2018

Time	Day 2: Theme: Aquifer Properties
AM	Lecture: Aquifer properties and how to determine them in the field
	Exercise: Slug-tests using bailers and solid slugs
PM	Exercise: Undertake Pumping tests, step draw-down test and monitor recovery of bores after tests

Date: Wednesday, 11 April 2018

Time	Day 3: Theme: Drilling Methods
AM	Lecture: Drilling methods in hydrology/hydrogeology
	Exercise: Show-and-tell on drill site
PM	Exercise: Down-hole geophysics