

Groundwater Field School - Draft Programme Feb 2018

Pretoria, HPC UP

Wed, 7 to Fri, 9 March 2018

DAY 1: 7 March 2018	Session	Presenter
08:00-09:00	Introduction & Groundwater Hydraulics	Matthys Dippenaar
09:00-10:00	Competence, Legislation and Health & Safety	Theo Rossouw (tentative)
10:00-10:15	Tea	
10:15-11:15	Groundwater Monitoring	Erick Dorfling
11:15-12:00	Groundwater Sampling & Analysis	Paul Naudé & Ryno Erdmann
12:00-12:45	Lunch	
12:45-13:45	Groundwater Geophysics	Emmanuel Sekala
13:45-14:30	Borehole Construction	Roger Diamond
14:30-14:45	Tea	
14:45-16:30	Field Practical: <i>Groundwater Sampling</i> <i>Borehole Fluid Logging</i>	Erick Dorfling & Nelda Breedt

DAY 2: 8 March 2018	Session	Presenter
08:00-15:15*	Field Practical: <i>Slug test</i> <i>Infiltration test</i> <i>Pump test</i> <i>Borehole chip logging</i> <i>Groundwater sampling (purging)</i> <i>Geophysics</i>	Matthys Dippenaar & Roger Diamond
15:15-16:00	Data upload to the NGA	DWS
16:00-16:30	Groundwater by-laws for Cemeteries	Matthys Dippenaar
<i>*Lunch packs and drinks to be served in the field</i>		
DAY 3: 9 March 2018	Session	Presenter
08:00-12:00*	Field Practical: <i>Forced gradient tracer test</i>	Yazeed van Wyk
12:00-12:45	Lunch	
12:45-14:00	Hydrochemistry, Geochemistry & Contaminant Transport	Yazeed van Wyk
14:00-14:45	Environmental Isotope Hydrology	Roger Diamond
14:45-15:00	Tea	
15:00-16:30	Data interpretation & Discussion	Matthys Dippenaar, Roger Diamond, Nelda Breedt & Yazeed van Wyk
<i>*Drinks to be served in the field</i>		

University of Pretoria: Dr Matthys Dippenaar; Dr Roger Diamond

Anthropocene Consulting Earth Sciences: Mr Theo Rossouw

Groundwater Consulting Services (GCS Pty Ltd): Mr Erick Dorfling

Aquatico: Mr Paul Naudé; Mr Ryno Erdmann; Ms Nelda Breedt

Council for Geoscience: Mr Emmanuel Sekala

Water Research Commission: Mr Yazeed van Wyk

