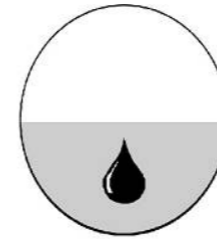


# GROUND WATER COURSE

Provisional Programme and Sign-on  
available on [www.gwd.org.za](http://www.gwd.org.za)  
Or contact the GWD National  
Secretariat on  
+27 0 12 348 9598 / 083 982 3537  
email: [info@gwd.org.za](mailto:info@gwd.org.za)

Promoting the efficient  
use and protection of  
groundwater

## GROUND WATER DIVISION of the GEOLOGICAL SOCIETY OF SOUTH AFRICA



### Gauteng, 19-21 May 2010

## A 3-day Intensive Course and Seminar

WITH INDUSTRY PRESENTERS FROM:



**water affairs**

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA



**WATER GEOSCIENCES  
CONSULTING**



**Council for Geoscience**



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA



**WATER  
RESEARCH  
COMMISSION**

Day 1, 19 May  
 Villa Jana, Ouklipmuur Avenue 34, Equestria, Pretoria  
 08h30 Conference Room, Course Commence  
 16:00 – 17:30 Attendee Function

Day 2, 20 May  
 Villa Jana, Ouklipmuur Avenue, 34, Equestria, Pretoria  
 8h30 Conference Room, Course Commence  
 18:30 Resident Dinner

Day 3, 21 May – DWA SEMINAR  
 7h00 – 8h30 Liaison pickup (1)\* & (2)\* map available  
 8h30 DWA G18, Emanzini Seminar day commence  
 13h00 Tea / Coffee  
 13:00-14:30 Attendee Function

## PROVISIONAL PROGRAMME

### 19-21 May 2010

08:00 – 08:30	Registration and Welcome	<b>GWD NATIONAL</b>
08:30 – 10:00	<b>Groundwater: Introduction, definitions and hydrological cycle.</b>	<b>Dr Shafick Adams</b> Water Research Commission, <b>GWD National Chair</b>
10:00 – 10:30	<i>Tea</i>	
10:30 – 11:30	<b>Aquifer conceptualization, investigation and evaluation</b>	<b>Tentative Dr Rian Titus</b> Water Geosciences Consu
11:30 – 12:30	<b>Aquifer modelling &amp; Conceptual Models (open to change)</b>	<b>Tentative Dr Lixiang Lin</b> Council for Geosciences
12:30 – 13:30	<i>Lunch</i>	
13:30 – 15:00	<b>Borehole and aquifer testing</b> <b>Practical: Test pump analysis: Case Study</b>	<b>Mr Matthys Dippenaar</b> University of Pretoria, Gec Department Natural Sciences

#### Day 2, 20 May – Villa Jana Conference Room

08:00 – 10:00	<b>Principles of hydrochemistry</b> With practical case study	<b>Dr Kai Witthueser</b> Previously from UP, now Water Geosciences Consultants
10:00 – 10:30	<i>Tea</i>	
10:30 – 11:30	<b>Isotope Hydrology</b>	<b>Tentative Mr Siep Talma Private</b> Specialist
11:30 – 12:30	Open slot	
12:30 – 13:30	<i>Lunch</i>	
13:30 – 15:00	<b>Introduction to geophysical exploration</b> Including Evaluation of results	<b>Dr Abera Tessema</b> Council for Geosciences
15:00 – 15h30	<i>Tea</i>	

#### Day 3 – GW Training Seminar – DWA, Emanzini G18

Open attendance DWA (on booking)		
08:30 – 09:00	<b>Groundwater in South Africa</b> - Introducing status, overview and summary.	<b>Tentative</b> <b>Mr Zacharia Maswuma, DWA</b>
09:00 – 09:30	<b>Groundwater Management</b> , With practical example	<b>Mr Ernst Bertram, GEO, DWA</b>
09:30 – 10:00	<b>Resource Directed Measures</b> – In practice	<b>Mrs Nancy Motebe, RDM, DWA</b>
10h00 – 10h15	<i>Tea</i>	

Final programme available on [www.gwd.org.za](http://www.gwd.org.za)



Conference Facilities

