



www.gwd.org.za

THE GROUND WATER DIVISION

A SPECIALIST DIVISION OF THE GEOLOGICAL SOCIETY OF SOUTH AFRICA

The DIVISION aims to serve the Ground Water Community in southern Africa, for the advancement of the science and technology of ground water and to promote the efficient use of ground water as well as professionalism throughout the ground water industry.

1. EXECUTIVE COMMITTEE

2011 Executive Board Members:

Dr Shafick Adams (Water Research Commission) -
Chairperson National Branch
Ms Nancy Motebe (Department of Water Affairs) -
Vice Chairperson - National Branch
Mr Fortress Netili (Council for Geoscience) -
Treasurer - National Branch
Ms Elanda Botes (Hydro Holistic Solutions) -
National Secretariat
Mr Matthys Dippenaar (University of Pretoria) –
Co-opted Member

2011 Branch Representatives (Chairs):

(Ex officio members of the Executive Committee)
Mr Gawie van Dyk - (AngloGold Ashanti Limited)

Central Branch (Bloemfontein)

Mr Gert Nel (SRK Consulting East London)

Eastern Cape Branch Chair

Dr Kornelius Riemann (Umvoto Africa)

Western Cape Branch Chair

In March 2011, Dr Kornelius Riemann accepted his nomination as the new chairman of the GW Division Western Cape.

2. MEMBERSHIP

Branches

The National Branch of the Groundwater Division incorporates members from Gauteng, Northern Province and Mpumalanga.

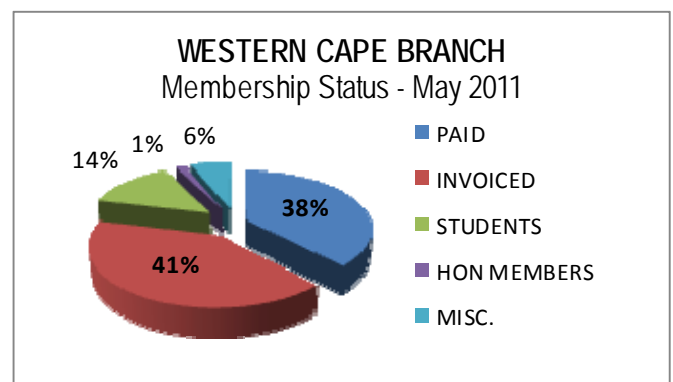
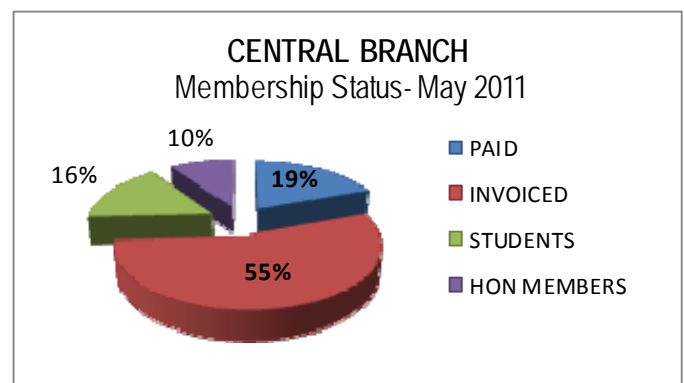
The Central Branch of the Groundwater Division incorporates members from the Free State, Northern Cape and North West Provinces.

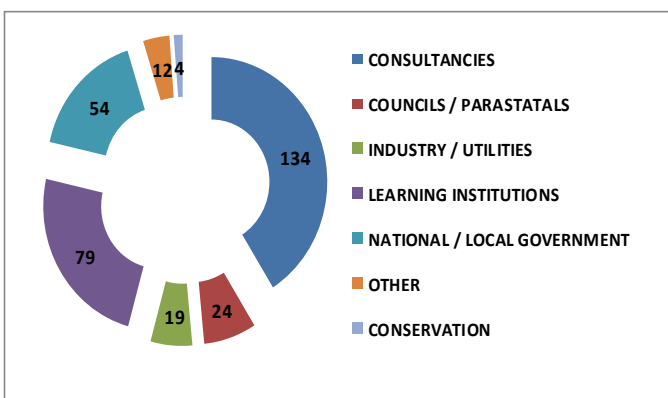
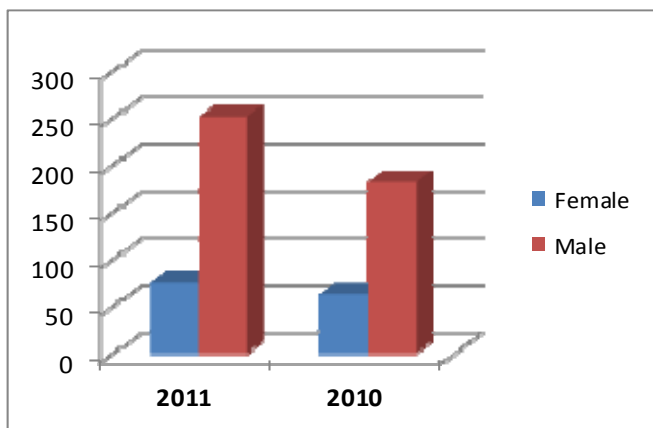
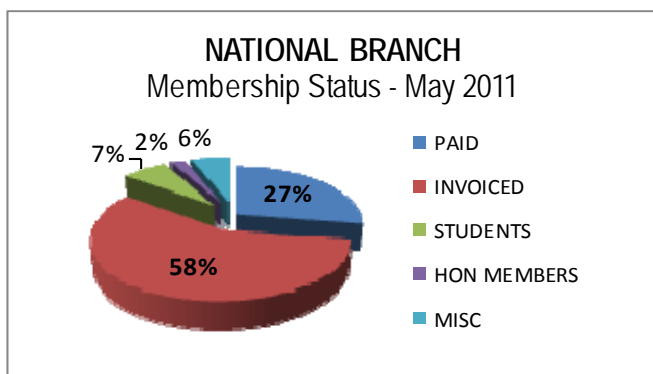
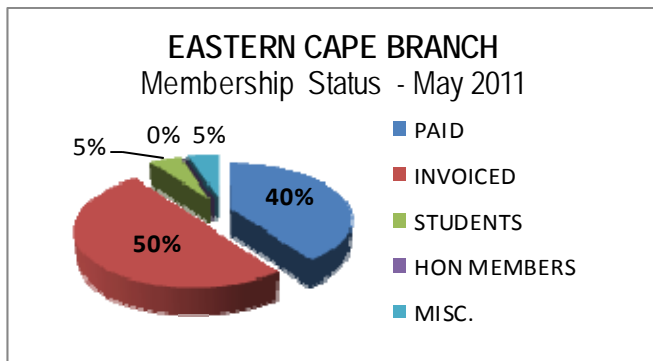
The Eastern Cape Branch of the Groundwater Division currently incorporates members from the Eastern Cape as well as KwaZulu-Natal.

The DIVISION aims to add scientific and academic value, build on current networking partnerships

and maintaining a knowledge /liaison network for the groundwater community in South Africa. The DIVISION strategically focuses on individual and student membership.

The GWD membership increased considerably from 244 members by end May 2010 to 326 members invoiced in May 2011. Currently the paid-up members for 2011 as tallied in June 2011 only total 116. An increase in actual membership payments is expected before the GWD International Groundwater Conference in September where only paid-up members qualify for a registration discount.





3. ACTIVITIES FOR THE YEAR

The DIVISION's past activities for 2011 include:

2011 **Groundwater FIELD SCHOOL**
Bloemfontein
22-25 February 2011

This course was hosted at the University of the Free State, Institute for Groundwater Studies and attended by 11 delegates.

The main objective of this 4-day short course, presented by Dr Ingrid Dennis; Prof. Gerrit van Tonder; Dr Rainier Dennis and Dr Danie Vermeulen, was to teach participants the basic theory of groundwater in an easy and understandable way with emphasis on practical hands-on-experience.

2011 **New Corporate Identity launch**

In March this year, the GWD launched its new logo. It replaced the dated design in use since 1978 and was very well received by all the members. This new logo was incorporated in all the Conference notifications, on the GWD website as well as on all written documentation. Social media sites such as the GWD Twitter and Facebook pages aided in further marketing campaigns.

Forthcoming events:

GWD-IAH International Groundwater Conference, September 2011.

Date: 19th to 21st September 2011.

Venue: The CSIR International Convention Centre, Pretoria, South Africa.

Participants: Groundwater scientists, managers and planners, hydrologists, geotechnical engineers, water professionals, environmental scientists, journalists, economists, municipal and regional service providers, natural resource management and governance. All members of the Ground Water Division (GWD) of South Africa and all members of the International Association of Hydrogeologists worldwide.



www.gwd.org.za

Conference: 200 poster and oral presentations
Plenary and parallel sessions / Exhibitions /
Eminent overseas and local keynote speakers / Full
social programme / IAH meetings / Meetings of
the International Association of Hydrogeologists /
Post-conference technical tour / Sightseeing tours
/ Companions' outings.

Conference Workshop on Groundwater Licensing Procedure

The South African Department of Water Affairs (DWA) is the custodian of groundwater and surface water resources throughout the country. A control of such resources is monitored through the Water Use License Applications (WULA's). This workshop will:

- bring participants up-to-date on the different water uses that can be applied for;
- the method of application;
- advise on who can apply for WULA's and/or general authorizations;
- cover other water uses, such as schedule 1 use and existing use
- inform on the knowledge, awareness and requirements before water can be allocated further.

The DWA has also recently embarked on "Project Letsema" in an effort to eradicate all water use license backlogs. The project will be explained and achievements reported.

Conference Course on Managing Artificial Recharge

This four-hour course will incorporate the latest work in South Africa on Artificial Recharge - most of which has been supported by DWA in its recent drive to promote this form of water storage and conservation. The course will cover:

- Types of Artificial Recharge schemes
- The criteria for implementing successful Artificial Recharge projects
- Project stages
- Authorising Artificial Recharge projects
- Potential Artificial Recharge areas
- Numerous case studies
- Examples of feasibility studies
- DWAs Artificial Recharge Strategy

The course will be conducted by Dr Ricky Murray who has been conducting research and implementing Artificial Recharge projects since 1997. He was responsible for developing and rolling out DWA's Artificial Recharge strategy, and was responsible for the hydrogeological design of Windhoek's Artificial Recharge scheme which was the first major scheme in a fractured hard rock aquifer.

Western Cape Branch: Municipal Workshop July /August 2011

Darcy Lecture Series

The GWD will be hosting the 2011 Distinguished Darcy Lecture Series (Stephen Silliman, Ph.D.) in South Africa from 7 – 10 November. Dr. Silliman is scheduled to lecture in three centres nl. Pretoria, Bloemfontein and Cape Town.

4. OTHER INITIATIVES

The GWD is currently in the process to investigate existing models and draft policies in support of the following initiatives:

- Media Liaison
- Donations
- Bursaries & Internship

5. FINANCIAL SUMMARY

Each Branch within the DIVISION has a separate bank account and branches have the responsibility to submit annual financial reports to the National Office. All funds raised by the Division are used in the interest of the Division.

BRANCH	BALANCE/ STATUS May 2011
National	R 452 133.89
<i>(Conference Account & Investment Account incorporated)</i>	
Central	R 128,256.18
Western Cape	R 178,661.68
<i>(Investment Account incorporated)</i>	
Eastern Cape	R 3,996.19