

GEOTECHNICAL DIVISION

South African Institution of Civil Engineering

CHAIRMAN:

Dr Nicol Chang
Franki Africa
PO Box 39075
BRAMLEY
2018

Tel: (011) 531 2715
Fax: (086) 504 5936
e-mail: nicol.chang@esorfranki.co.za

Home page: <http://www.geotechnicaldivision.co.za>

SECRETARY:

Mr Trevor Green
Verdi Consulting Engineers
PO Box 13096
VORNA VALLEY
1686

(087) 806 2880
(086) 743 8174
trevor@verdicon.co.za



MINUTES OF THE 338TH MEETING OF THE GEOTECHNICAL DIVISION OF SAICE, HELD AT 13H30 ON 12 AUGUST 2014 AT SAICE, MIDRAND

1. PRESENT

Nicol Chang	Chairman	NC
Trevor Green	Secretary, Sponsorship and Piling Code	TG
Heather Davis	Treasurer	HD
Jonathan Day	Website	JD
Marie Basson	YGE	MB
Eduard Vorster	GeoDiv rep to SANCOLD	EV
Scott Glover	Publications/Marketing	SG
Dan Avutia	Marketing	DA

2. APOLOGIES

SW Jacobsz	ISSMGE Awards Committee, ISSMGE TC104	SW
Gavin Wardle	Lateral Support Code	GW
Solly Phalanndwa	Awards	SP
Sinenkosi Dlamini	Courses & Conferences	SD
Gabi Wojtowicz	Evening Lectures, CPD, GeoDiv rep to TC60	GB
Gerrit Smit	Courses & Conferences	GS
Rob Armstrong	SANIRE rep to GeoDiv	RA
Phil Paige-Green	SAIEG rep to GeoDiv, TC202	PPG
Anton Bain	GIGSA rep to GeoDiv	AB

3. ADDITIONAL DISTRIBUTION

Denis Kalumba	Cape Town rep	DK
Bazy Dukhan	Durban rep	BD
Malcolm Jaros	Durban rep	MJ
Peter Day	Jones and Wagener	PD
Manglin Pillay	CEO of SAICE	MP
Stanford Mkhacane	SAICE President	SM

- 4. MINUTES OF PREVIOUS MEETING** NC
- Minutes of the previous meeting was accepted by those present.
- 5. MEMBERSHIP** HD
- New SAICE membership list indicate 529 paid-up members for Geotechnical Division as of August 2014.
- 6. FINANCES** HD
- Balance as of end of July 2014 is R1,648,309.32.
 - PD still needs to be removed as only signatory on GeoDiv bank account. HD, NC & TG to be added when PD available to facilitate (i.e. Treasurer, Chairman and Secretary).
 - HD requested permission to open Money-Call account. Would provide extra 2% interest. Approved.
 - Dolomite seminar yielded profit of approximately R370,000.00. This may need to be shared with other parties. HD to confirm with Michele Theron. Again noted that an agreement is required up front for conferences and/or courses hosted in conjunction with other parties, and HD to be kept informed.
 - Requirement for GeoDiv to be registered as a vender by companies paying for courses was becoming problematic and onerous. HD indicated that she was willing to assist to a point, but had to set reasonable limits. Noted and approved.
- 7. CORRESPONDANCE** TG
- ISSMGE
 - SW Jacobsz has been appointed secretary of the ISSMGE Awards Committee for the period 2013-2017.
 - ISSMGE Technical Committees
 - Nothing to report
 - Student and Young Members Presidential Group (SYMPG)
 - Nothing to report
 - ISSMGE International Development Committee (IDC) EV
 - Nothing to report
 - SAICE NC
 - Lots of on-going correspondence on proposed changes to SAICE constitution
 - Currently out to a vote by members.
 - SABS/SANS PD
 - TC98/SC006, meeting held 12 June 2014.
 - Working group created to revise SANS 207.
 - Working group created to draft geotechnical design code.
 - Potential conflict between lateral support code and piling code with geotechnical design code was discussed. TG proposed holding off on revision of lateral support code and drafting of piling code until geotechnical design code was more advanced. Approved.

- EV indicated at the previous SC59P meeting that there has been a request to look at the necessity for specification for site investigation in Dolomites.
- TC60, Dr Gabi Wojtowitz has accepted the Division's invitation to be their representative on TC60.

- GIGSA
 - Nothing to report

- SAIEG
 - Nothing to report

- SANIRE
 - Nothing to report

- SANCOLD
 - Nothing to report

- General
 - Request received from SW for potential grant/bursary for post-grad student at UP, for research project in the geotechnical field.
 - Expected cost of approximately R120,000.00
 - Agreed that bursary from GeoDiv was a good idea, specifically for post-grad studies to limit number of candidates and administration.
 - Would need to be open to all universities.
 - EV suggested involving SAICE, possibly for them to wholly administer.
 - TG suggested could be administered by sub-committee within GeoDiv, possibly with SAICE representative.
 - Need criteria, rules, etc.
 - Check other divisions for similar concept.

8. SUB-COMMITTEES

8.1 Sub-committee: Events & Evening lectures

GB

- 2014 Lecture topics:
 - NC re-affirmed intention to have Peter Day repeat the Brink Memorial Lecture as an evening lecture. Possibly second half of 2014. NC to discuss with PD.
 - Other possible topics from AGM:
 - Fracking
 - Foundation challenges
 - Gautrain
 - Titan suppliers to do an evening lecture, on design of micropiles using Eurocode. Date to be confirmed.

8.2 Jennings Lecture

- 2015 Jenning Lecture

NC

- Possible candidates discussed:
 - Brian Simpson
 - Mark Randolph

- Jean Louis Briand
- Marias des Seault (fracking)
- Fatma Baligh
- Fred Kulhawy
- Brian Simpson considered first choice. NC to contact and confirm interest and availability.

8.3 Sub-committee: Courses and Conferences

GS/SD

- Dolomite Seminar (24-25th June 2014) SW
 - Seminar hosted to discuss/comment on the SANS 1936 document for development on dolomitic land. Would appear that many amendments are required for revision of SANS 1936 in 2017.
 - Seminar was hosted in conjunction with SAIEG, Council of Geoscience and NHBRC at University of Pretoria.
 - 164 delegates attended.
 - Seminar apparently successful, interesting and well attended.
 - Need to be more careful in future with venue choices. Venue at UP was affordable, but uncomfortable.

- Young Geotechnical Engineers Conference 2014 MB
 - To be held on 17-19th September 2014 at Spier Wine Farm, Stellenbosch.
 - Ken Schwartz confirmed as godfather.
 - Conference renamed '8th South African Young Geotechnical Engineers Conference'.
 - Everything reportedly in hand in terms of organisation.
 - 58 papers and 92 delegates registered.
 - Currently a shortfall in sponsorship of approximately R50,000.00. TG explained that misconception that GeoDiv has too much money, in conjunction with tight economic environment, is affecting ability to raise sponsorship.
 - GeoDiv agreed to sponsor awards (i.e. R65,000.00).

- ARC 2015 (Tunisia)
 - GeoDiv nominated SW Jacobsz, Eduard Vorster and Denis Kalumba to scientific committee of 16th ARCSMGE.
 - No confirmation from Conference organizing committee.
 - Conference to be held end of April 2015.
 - Nothing new to report.

- South African Geotechnical Conference MB
 - Agreed to host a South African Geotechnical conference.
 - September 2015 identified as possible date for conference to avoid clashing with ARC.
 - Include a Geoff Blight memorial lecture, possibly John Burland or Andy Fourie.
 - MB accepted nomination to head sub-committee.
 - Call for papers ???
 - Submission of papers by ???

- Lateral Support Short Course GW
 - Possibly in 2015.
 - Used as information to revised LS code.

- Other possible courses HD
 - Short Course: Laboratory interpretation of problem soils
 - SAICE E&T to arrange course and share in the profit.
 - Heather Davis has offered to present topic.
 - No feedback from E&T.

- Web-based Courses JD
 - GeoDiv to investigate using web based systems to broadcast events.
 - Quality, logistics and file size an issue.
 - JD to continue investigation.

8.4 Sub-committee: Publications and codes of practice

- CoP Lateral Support GW
 - Long term plan to review and rewrite this Code to include limit state design.
 - Hold off until geotechnical design code more advanced.

- CoP Piling TG
 - Preferably published as a SAICE Code of Practice
 - Checked with SABS/SANS as to plans regarding piling code.
 - Hold off until geotechnical design code more advanced.

8.5 Sub-committee: SAICE Magazine

- Next issue is the 2015 April edition of SAICE Magazine. SG
- Start looking for articles towards the end of the year.
- Call for articles to be included in September newsletter.

8.6 Sub-committee: Awards

- 2014 Barry van Wyk Award – Five submissions received. SP
- 2014 Jennings Award – Three submissions received.
- 2014 Geotechnical Gold Medal
 - Candidates mentioned for Gold Medal (Prelim only):
 - Chris Clayton
 - Ettiene Terblanche
 - Derick Sparks
 - Michael Pavlakis
 - Louis Mellis
 - Harold Webber
 - EV re-affirmed need to identify more candidates, from wider pool.
- SW indicated that only one gold medal remain. Quote received for new gold medals and decided to purchase 30 and keep template if possible.

8.7 Webpage

JD

- Newsletters currently being sent out using Touch Base Pro.
- JD indicated need to extend service to include up to 1000 members in mailing list, at an extra cost of R60/month. Approved.

8.8 Sub-committee: CPD

GB

- CPD accreditations outstanding,
 - 2013 AGM
- Rest up to date, and on website.

8.9 Sub-committee: Marketing

DA/SG

- Marketing portfolio needed to record and take photos of events
- Publish articles promoting GeoDiv events and activities
- Generally look for opportunities for promotion and marketing

9. GENERAL

- NC announced that Michelle Theron has tendered her resignation from GeoDiv committee.
- Agreed that GeoDiv could publicise courses for universities, on request.
- Need to send out call for nominations for new GeoDiv committee members for 2015.

10. NEXT MEETING

- Proposed dates for 2014 meetings.
 - 336th meeting, 23 January 2014, 15:30, SAICE, Midrand
 - 337th meeting, 29 May 2014, 15:30, SAICE, Midrand
 - 338th meeting, 12 August 2014, 13:30, SAICE, Midrand
 - 339th meeting, 20 November 2014, 13:30, SAICE, Midrand