

# GEOTECHNICAL DIVISION

South African Institution of Civil Engineering

## CHAIRMAN:

Dr Michelle Theron  
Rust Geotechnical Consultants  
PO Box 302  
GALLO MANOR  
2052

Tel: (011) 234 4198  
Fax: (011) 088 234 4198  
e-mail: [michelle@rustgeotechnical.co.za](mailto:michelle@rustgeotechnical.co.za)

## SECRETARY:

Dr Nicol Chang  
Esorfranki Geotechnical  
PO Box 39075  
BRAMLEY  
2018

(011) 531 2715  
(086) 504 5936  
[nicol.chang@esorfranki.co.za](mailto:nicol.chang@esorfranki.co.za)

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



## MINUTES OF THE 329<sup>TH</sup> MEETING OF THE GEOTECHNICAL DIVISION OF SAICE, HELD AT 15H30 ON 23 AUGUST 2012 AT SAICE, MIDRAND

### 1. PRESENT

Michelle Theron	Chairman, GeoDiv rep to SAICE	MT
Nicol Chang	Secretary, TC212	NC
SW Jacobsz	ISSMGE Awards Committee, TC104, GeoDiv rep to Energy Saving foundations	SW
Trevor Green	Sponsorship, ISSMGE TPPG	TG
Phil Paige-Green	SAIEG rep to GeoDiv, TC202	PPG
Drian Roos	Publications	DR
Gerrit Smit	Awards	GS

### 2. APOLOGIES

Gavin Wardle	Lateral Support Code	GW
Eduard Vorster	One Day Courses, ISSMGE	EV
Pieter Oosthuizen	Evening lectures, CPD	PO
Marie Basson	YGE, PR	MB
Heather Davis	Treasurer	HD
Solly Phalanndwa	Webpage	SP
Riva Nortjie	GIGSA rep to GeoDiv	RN
Sinenkosi Dlamini	One day Courses	SD
William Joughin	SANIRE rep to GeoDiv	WJ
Thandile Dlokweni	SANIRE rep to GeoDiv	TD
Laxmhee Sobhee-Beetal	Cape Town rep	LSB

### 3. ADDITIONAL DISTRIBUTION

Minutes of the Geotechnical Division meeting also sent to:

Martin van Veelen	SAICE President	MV
Manglin Pillay	CEO of SAICE	MP
Denis Kalumba	Cape Town rep	DK
Bazy Dukhan	Durban rep	BD
Malcolm Jaros	Durban rep	MJ

#### **4. MINUTES OF PREVIOUS MEETING**

- Minutes of the previous meeting was accepted by those present

#### **5. MEMBERSHIP**

- Membership: Aligning SAICE list – 355 members. HD to get latest list from SAICE and will forward it to MT.
- Compare newly registered members on website with paid-up membership list. Require information prior to AGM.
- All geotechnical division members on SAICE's list will be registered on the GeoDiv website. Members can opt out.
- Geotechnical division paid-up members are to add their SAICE numbers to the website.

#### **6. CORRESPONDANCE**

- ISSMGE
  - Vietnamese society requesting cods, standards, manuals for research for Vietnamese Foundation and Geotechnical Engineering Standard.
  - President's 1030 day report
    - Dr Suzanne Lacasse to present the Terzaghi Oration at 18<sup>th</sup> ICSMGE
    - Webinars will be free until September 2013, and thereafter will be charged at \$200 per PC. Next webinar will be Pile Driving presented by Frank Rausche on Tuesday 18<sup>th</sup> Sep 2012 at 3pm GMT
- Call for nominations for ISSMGE awards, deadline 31 Aug 2012
  - Nominations for Member society, motivation to be submitted for nomination of GeoDiv
  - Nominations for Young Engineer
- Candidates to host 19th CISMGE, to be voted upon at AGM.
  - China,
  - Austrailia,
  - Unknown
- ISSMGE Technical Committees
  - Nothing to report
- Courses and Conferences

- Submissions for abstracts for 18<sup>th</sup> ICSMGE, Paris is closed. A list of approved abstracts will be sent out end June or early July. We may replace 10% of the papers at final paper submission stage.
- SAICE
  - Nothing to report
- SANS
  - Nothing to report
- GIGSA
  - Lecture is being planned for 5/6 November 2012 at Stone Cradle, Rietvlei, Pretoria by Prof Jonathan Fannin of the University of British Columbia on Filtration & reinforcement.
  - GIGSA is currently involved with SABS on codes dealing with geosynthetics.
- SAIEG
  - Nothing to report
- SANIRE
  - Nothing to report

## **7. FINANCES**

- The balance in the account end of June 2012 is R899 073.28.
- Donation to Allyson Lawless, to be reviewed annually. Heather to investigate. Gavin to follow up with Dudu.
- Sponsorship for students to attend GeoDiv events. Reviewed regularly.
- Need to consider greater discounts at courses for geotechnical division members and possibly block booking discounts.

## **8. SUB-COMMITTEES**

### **8.1 Sub-committee: Events & Evening lectures**

- 2012 Lecture topics:
  - Evening lecture on Construction Blasting: Energy and Control in Blasting for Civil Projects presented by Claude Cunningham on 16 August. Event was well attended by around 40 participants.
- Stefanutti indicated that they would like to sponsor evening lectures. They will confirm with lecturer if this is in order.
- Sponsorship of evening lectures will be done on an event basis. Cost of sponsorship is min R2,500/lecture.

- AGM will not be sponsored
- Try to combine an evening lecture with SAIEG, SANIRE, GIGSA
  - Possibly Malcolm Bolton's Rankine lecture repeat. Date not confirmed. SW to investigate.

## 8.2 Jennings Lecture

- Peter day has contacted K.-K Phoon of the National University of Singapore for 11<sup>th</sup> Jennings Lecture to be presented early 2013, Awaiting response.

## 8.3 Sub-committee: Courses and Conferences

- Need to inform African region of courses and conferences
- ARC 2015 (SW)
  - Next ARC in Tunisia
  - Division should consider hosting a southern African Conference
- Young Geotechnical Engineers Conference 2011 (EH, HB, MB)
  - 86 delegates attended the conference with 29 presentations
  - Jacobus Breyll gave best Presentation at YGE
  - Gerrit Smit gave best Paper at YGE
  - Abstracts to be sent to TG
- Short course on shallow foundations:
  - Thank you to Sinenkosi for his hard work and all the presenters.
  - Positive feedback on the course
  - Consider to road show the course, but change the format to a 1 day course with 3 presenters.
- Contact PE to find out how many delegates they expect.
- Possible short course topics:
  - Geotechnical Investigation (2-3 day course).
    - Early 2013
    - Start with the planning of the course. Will announce the date of the course at the AGM.
    - MT has prepared a chopping block of course topics and circulate it to committee for comment.
    - Possible presenters will be contacted and short meeting will be held before AGM.
  - Lateral support short course
    - Possibly early 2014 with launch of new code
    - Used as information to revised LS code
  - Short course: Laboratory interpretation of problems soils

- SAICE E&T enquired about a foundation short course to be presented by the Geotechnical division
- E&T to arrange course and share in the profit.
- Heather Davis has offered to present topic in 2013.
- MT to forward details to E&T.
- Waste and tailings conference 2013
  - Geotechnical division to host next waste and tailings conference in collaboration with the environmental division.
  - John Wates will put a committee together to host the conference.
  - MB will be the geotechnical division representative.

#### **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.
  - Sub-committee to be identified.
  - Ask for nominations for committee in next newsletter.
- Possibility of an CoP for piling to be discussed

#### **8.5 Sub-committee: SAICE Magazine (DR)**

Nothing to report

#### **8.6 Sub-committee: Awards (GS)**

- GS sent out email to call for nominations.
- MT to call for nominations in next newsletter
- Fellowship
  - Heather Davis,
  - Pierre vd Bergh,
  - All documentations submitted to SAICE
- South African Geotechnical Gold Medal
  - GS to send email to order members to ask for nominations.
  - New list to be compiled
  - Consult SAICE lists
  - Possible candidates to be discussed at AGM
- Jennings Award
  - 4 papers received
- Barry van Wyk Award
  - 4 skripsies received.

- Gary Jones to be contacted for adjudication.

### **8.7 Webpage**

- Members who cannot register to email Solly [sollyp@mknconsulting.co.za](mailto:sollyp@mknconsulting.co.za).
- SAICE members registered as Geotechnical will be registered on the GeoDiv website, with an option to opt out.
- Website requires confirmation email once a member has registered. In progress
- Requires information for news page. Will load ISSMGE bulletin and newsletter onto website as well as minutes of the division
- Need to keep a list of Events and lectures on the website Event Page, updated CPD list and attendance.
- Update the Awards Page of the last recipients of Barry van Wyk, Jennings & Gold Medal.
- Careers Page:
  - All available jobs from different companies in SA can be placed on the site.
  - Cost to advertise a job on the site + R3500 pm

### **8.8 Sub-committee: CPD**

- All the Division's courses and lectures to be CPD accredited.
- The SAICE Geotechnical Division keeps a formal record of attendees and courses. These need to be attached to the monthly newsletter and on website.
- Attendance registers uploaded onto website.
- ARC is CPD accredited.
- ECSA website do not reflect all CPD points

### **8.9 ISSMGE International Development Committee (IDC)**

- Webinars: Unsaturated soils, presented by Eduardo Alonso on 9<sup>th</sup> July.
- Webinars are currently free of charge.
- Webinars to be advertised in monthly newsletter.

## **9. GENERAL**

- 500 copies of "A personal account of the history of ground anchors in Southern Africa including some practical guidance on the subject" to be sold at R25/copy. The money will be donated to the geotechnical division. Will sell the book to SAICE for R20. GW to send brief to EV to include in the next newsletter.
- Geotechnical books require marketing.

- TC members could be sponsored to attend meetings should money permit. Need to decide on how this can be done.
- Books by Peck are to be send to UP and KZN. MT to forward enquiry by ISSMGE to CPT, Unisa, Wits and UJ.

## **10. NEXT MEETING**

- The 330<sup>th</sup> meeting of the Division will take place at 13:30 on 22 November 2012 at SAICE Offices in Midrand.
- Provisional meeting dates
  - 22 November 2012, 15:30, SAICE