

# GEOTECHNICAL DIVISION

South African Institution of Civil Engineering

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



## MINUTES OF THE 330<sup>TH</sup> MEETING OF THE GEOTECHNICAL DIVISION OF SAICE, HELD AT 13H30 ON 22 NOVEMBER 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
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
Gabi Wojtowitz		GB

### 2. APOLOGIES

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

#### 4. MINUTES OF PREVIOUS MEETING

- Minutes of the previous meeting was accepted by those present

#### 5. MEMBERSHIP

- Membership: New SAICE membership list indicate 461 members paid-up members.
- Need to compare SAICE list with GeoDiv website list.
- 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
  - 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
    - GeoDiv did not submit nominations for 2012 ISSMGE awards,
  - Candidates to host 19th CISMGE, to be voted upon at AGM.
    - China,
    - Australia,
    - Unknown
    - Vote count at AGM: China 9, Australia 21.
  - ISSMGE Technical Committees
    - Nothing to report
    - TC212 Deep Foundations committee meeting 19/09/2012
      - Guideline for design of combined raft foundations to be released early 2013.
      - Committee considering guideline for static vertical pile load testing.
  - Courses and Conferences
    - Deadline for submission of final papers for 18<sup>th</sup> ICSMGE, Paris is 11<sup>th</sup> January 2013. Please forward all papers to Nicol Chang (nicol.chang@esorfranki.co.za).
    - We may replace 10% of the papers at final paper submission stage.

- Nominations for ISSMGE President (2013-2017) to be submitted to ISSMGE Secretary before March 2013.
- Nominations for ISSMGE Regional Vice-President to be submitted to ISSMGE Secretary before December 2012.
- SAICE
  - Nothing to report
- SANS
  -
- GIGSA
  - Nothing to report
- SAIEG
  - Nothing to report
- SANIRE
  - Nothing to report

## **7. FINANCES**

- The balance in the account end of October 2012 is R855 519.11.
- 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***

- 2013 Lecture topics:
  - Possible feedback lecture on laboratory testing.
  - Malcolm Bolton's Rankine Lecture repeat, date to be confirmed.
  - Member feedback on possible lecture topics
    - Wind turbine foundations,
    - Dolomitic investigation, rehabilitation of sinkholes,
    - Pile load testing and integrity testing
- 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

## **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 mid 2013, Awaiting response.

## **8.3 Sub-committee: Courses and Conferences**

- 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.
- Geotechnical Investigation Course (2-3 day course),
  - To be held in March 2013, exact date to be confirmed.
  - Chris Clayton has been confirmed as a presenter.
  - Local presenters have been contacted, names to be confirmed.
- Short Course on Reliability analysis and design in Geotechnical Engineering (KK Phoon)
  - One day short course in mid 2013. Date to be confirmed.
- SAICE Civolution Conference (29/09 to 1/10 2013)
  - Geotechnical Division will have a full day presentation at the conference.
  - Possibly use content from the Site Investigation Course.
  - Representative from GeoDiv required.
- Waste and Tailings Conference (Feb 2014)
  - Geotechnical division to host nest 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.
- Young Geotechnical Engineers Conferece 2014
  - Organizing committee to be in place early 2013
- ARC 2015 (SW)
  - Next ARC in Tunisia
  - Division should consider hosting a southern African Conference
- Other possible courses
  - Lateral support short course
    - Possibly early 2014 with launch of new code
    - Used as information to revised LS code
  - 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 in 2013.
    - MT to forward details to E&T.
  - Geotechnical Division has terminated its contract with IQPC and will no longer be supporting IQPC conferences.

#### **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.
- CoP Piling
  - Necessity for such a code to be discussed,
  - Identify person to chair sub-committee.
  - Trevor to investigate.

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

- April Geotechnical Edition
  - Articles to be sent to Trevor Green or Verelene before 11 February 2012

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

- Fellowship
  - Heather Davis and Pierre vd Bergh have been accepted.
- South African Geotechnical Gold Medal
  - Gavin Wardle is the 2012 Geotechnical Division Gold Medal recipient.
- Jennings Award
  - Adjudicated by Dr Gary Jones,
  - Awarded to G. Smit & CRI Clayton for paper titled 'The behaviour of modern flexible framed structures undergoing differential settlement'.
- Barry van Wyk Award
  - Adjudicated by Dr Johan Jourens
  - Awarded to C. Warren-Codrington (UCT) for report titled 'An investigation into the stability of structures adjacent to bulk excavations for the university of Cape Town's New Engineering Building.

#### **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,
- Possibly look at having CPD certificates with participant names for conferences and courses.

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

- Nothing to report

## **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.
- Peter Oosthuizen has indicated that he will not be available to serve on the committee for 2013. We would like to thank Peter for his efforts in the past year.
- New members on the committee, Gabi Wojtowitz (Aurecon) and Jonathan Day (Esorfranki).

## **10. NEXT MEETING**

- The 331<sup>th</sup> meeting of the Division, date to be confirmed.