

GEOTECHNICAL DIVISION

South African Institution of Civil Engineering

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MINUTES OF THE 327TH MEETING OF THE GEOTECHNICAL DIVISION OF SAICE, HELD AT 15H30 ON 15 MARCH 2012 AT SAICE HEAD OFFICE, MIDRAND

1. PRESENT

Michelle Theron	Chairman, GeoDiv rep to SAICE	MT
Nicol Chang	Secretary, TC212	NC
Gavin Wardle	Lateral Support Code	GW
SW Jacobsz	ISSMGE Awards Committee, TC104, GeoDiv rep to Energy Saving foundations	SW
Trevor Green	Sponsorship, ISSMGE TPPG	TG
Heather Davis	Treasurer	HD
Phil Paige-Green	SAIEG rep to GeoDiv, TC202	PPG
Pieter Oosthuizen	Evening lectures, CPD	PO
Riva Nortjie	GIGSA rep to GeoDiv	RN
Drian Roos	Publications	DR
Gerrit Smit	Awards	GS

2. APOLOGIES

Eduard Vorster	One Day Courses, ISSMGE	EV
Solly Phalanndwa	Webpage	SP
Marie Basson	YGE, PR	MB
Sinenkosi Dlamini	One day Courses	SD
Andrew Greet	GeoDiv rep to SAIEG, GIGSA	AG
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
Malcolm Jaros

Durban rep
Durban rep

BD
MJ

4. MINUTES OF PREVIOUS MEETING

- Minutes of the previous meeting was accepted by those present

5. MEMBERSHIP

- Membership: Aligning SAICE list – 355 members
- Division Communication list – 250 members (Registered on Geotechnical division website.
- 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.

6. CORRESPONDANCE

- ISSMGE
 - ISSMGE President's 27th progress report after 820 days as president (9 Jan 2012)
 - ISSMGE President's 28th progress report after 850 days as president (9 Feb 2012)
 - Next webinar 24th Feb 2012 on ***Risk Assessment for Geotechnical Engineering*** presented by Zenon Medina-Cetina (USA) and Marco Uzielli (Italy)
 - ISSMGE International Journal of Geoenineering Case Histories,
 - **GeoMap** from GeoWorld allows one to find and contact geoprofessionals anywhere in the world.
 - ISSMGE President's 29th progress report after 880 days as president (9 Mar 2012)
 - 5 new awards have been setup by the Awards Committee (SW) which brings the total number of ISSMGE awards to 10.
 - Nominations for the Terzaghi Oration for 18th ICSMGE in Paris. Committee agrees to nominate Peter Day. MT to speak to Peter about nomination.
- ISSMGE Technical Committees
 - Nothing to report

- IYGEC
 - Besides from the two official delegates nominated by member divisions, the event will now be open to all young geotechnical engineers (less than 35 on 31 Dec 2013).
 - Deadline for abstracts is 31 Dec 2012. Abstracts to be submitted to TG.
- Courses and Conferences
 - Second International Conference on **Performance-Based Design in Earthquake Geotechnical Engineering** to be held in Taormina (Sicily) at the end of May (28-30/05/2012). Hosted by the Italian Geotechnical Society.
 - Deadline for abstracts extended to 10 March for **Third International Conference on New Developments in Soil Mechanics and Geotechnical Engineering**, which will be held in Lefkosa - North Cyprus between June 28th and 30th, 2012.
 - **3^d International conference on Geotechnical Engineering**, ICGE'13, in Hammamet, Tunisia, Feb 21 to 23, 2013. Abstracts due by 10 April, 2012.
- SAICE
 - Nothing to report
- SANS
 - Peter Day has been elected the chairman of the newly formed TC98 which deals with design. Peter has requested permission from the Division to put together a committee for sub-committee SC98F which deals with geotechnical Design.
 - Peter Day requested that SC59 codes out for public comment to be advertised on monthly newsletter and posted on website. This had been done by SP
- GIGSA
 - Lecture is being planned for 2012: Prof Jonathan Fannin of the University of British Columbia on Filtration & reinforcement. Date not confirmed yet. Possibly to coincide with GIGSA AGM in November.
- SAIEG
 - Nothing to report
- SANIRE
 - Nothing to report

7. FINANCES

- The balance in the account end of February 2012 is R757,102-48.
- Donation to for tuition fees not required. Possibly to sponsor accommodation for 2 students. GW to follow up with Dudu.
- Sponsorship for students to attend GeoDiv events. Reviewed regularly.

8. SUB-COMMITTEES

8.1 Sub-committee: Events & Evening lectures

- 2012 Lecture topics:
 - Evening lecture on assessment of laboratory test results quality presented by Gerhard Heymann and SW Jacobsz from University of Pretoria and Florian Hoertkorn from SRK on 23 of February at SAICE, Midrand. Lecture well attended with 92 from both industry and academia. Discussions followed the lecture and the following was highlighted:
 - Should labs not be responsible for test results?
 - SANAS offers accreditations for individual items of lab tests. Engineers should be aware of which tests the specific lab is accredited for.
 - Training of technicians important! Possibility of institutions to offer courses.
 - Training of young engineers equally important!
 - The industry acknowledges that problem exists. We need to see what we can do as GeoDiv.
 - Kaytech contacted GeoDiv for possible lectures to members. PO to investigate dates and possible topics.
 - Filtration & Reinforcement by Prof Jonathan Fannin of the University of British Columbia. RN to confirm date, but possible November.
- PO & SD to propose program of events for 2012.
- 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

- John Burland to present 10th Jennings Memorial Lecture on 19 March, 2012
- Possible future presenters,
 - Sarah Springman
 - Mark Randolph
 - Paul Mayne

8.3 Sub-committee: Courses and Conferences

- Need to inform African region of courses and conferences
- Alyson Lawless indicated that SAICE would like GeoDiv to present entry level courses to students and young engineers. To be discussed at next meeting.
- Foundation course for spread footing
 - 2 day course possibly in June, date and venue to be confirmed.

- Scope: bearing capacity, settlement (elastic, consolidation, creep), structural design considerations, limit state design.
- Peter Day is currently drawing up a program.
- Geotechnical Investigation (2-3 day course).
 - Possibly latter half of 2012
- Lateral support short course
 - Possibly early 2013
 - Used as introduction to revised LS code.

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.

8.5 Sub-committee: SAICE Magazine (DR)

- 12 articles so far for April Geotech issue.
- Gold Medal Awards interview – Eben Rust
- Advert to be placed for ISSMGE International Conference in 2013
- Section on Awards (MB)
- Call for nominations for Fellowship

8.6 Sub-committee: Awards (MB)

- Fellowship
 - Call for nomination for Fellowship in newsletter (MT)
- South African Geotechnical Gold Medal
 - New list to be compiled
 - Consult SAICE lists
- Jennings Award
 - Call for papers
- Barry van Wyk Award

8.7 Webpage

- Members who cannot register to email Solly sollyp@mknconsulting.co.za.
- Some information on committee members page is incorrect, SP to investigate.

8.8 Sub-committee: Continued Professional Development

- Evening lecture on ***Assessment of Laboratory Test Results Quality*** presented on 23rd February is accredited with 0.15 CPD points. PO to mail CPD certificate and attendance register to SP to upload on website.
- 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.
- ECSA website do not reflect all CPD points

8.9 ICSMGE paper (EV)

- 8 abstracts received to date. EV requested the deadline for abstracts to be extended to end March.

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.

10. NEXT MEETING

- The 328th meeting of the Division will take place at 15:30 on 15 March 2012 at SAICE Offices in Midrand.
- Provisional meeting dates
 - 15 March 2012, 15:30, SAICE
 - 21 June 2012, 15:30, SAICE
 - 23 August 2012, 15:30, SAICE
 - 22 November 2012, 13:00, SAICE