SAICE Geotechnical Division
2017 Annual General Meeting

2 November 2017

Trevor Green
2017 Events and Activities

Jenning’s Lecture 2017

Presented by:
Professor Kenichi Soga (Berkley)

28th March     Pretoria
29th March     Durban
30th March     Cape Town
Jenning’s Lecture 2017  
Over 300 delegates in 3 cities

Special thanks to:
- Dr Peter Day
- Dr SW Jacobsz (PTA)
- Dr Denis Kalumba (CPT)
- Garth James (DBN)

9th South African YGE

13 – 15 September 2017, Salt Rock Hotel, Durban
113 delegates and 58 papers
Conference chair – Frans van der Merwe
Godfather – Gavin Byrne
9th South African YGE

- Best paper: Scott Gover
- Best presenter: Sachin Ravjee
- Best poster: Charles MacRobert

19th ICSMGE in Seoul, Korea

Terzaghi Oration by Dr Peter Day - Keynote address of the conference
19th ICSMGE in Seoul, Korea

The Terzaghi Oration was instituted to recognize a person of distinction in his or her contribution to geotechnical engineering, and is delivered at each ISSMGE International Conference as a tribute to Professor Karl Terzaghi, first President of the International Society.

Outcomes of Board and Council Meetings:

- 20th ICSMGE to be held in Sydney, Australia, in 2021
- Prof. Charles Ng, from HKUST, new ISSMGE President
- SA was invited to & won a bid to host mid-term council meeting and board meeting in Cape Town in 2019 (1st time for SA)
- Will tie in with the 2019 ARC and significantly raise SA profile in the ISSMGE
Geotech Investigation Workshop

“Geotechnical Investigations for Non-Geotechnical Engineers”

Presented by Dr Peter Day and Heather Davis on 3 October 2017 at Bytes in Midrand

Minimum requirements for geotechnical investigations with examples of where things go wrong

Geotechnical Investigations: Tools of the Trade

Aimed at architects, quantity surveyors, project managers and structural engineers

+80 delegates & well received

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Tailings Sub-Committee

Evening Lecture by Luis Alberto Torres-Cruz, “The correlation between the steady state line and the minimum void ratio”.

Followed by a successful discussion on forming a “Tailings Sub-Committee”

Tailings failure workshop – 28 August 2017

130 delegates

Danie Brink
John Wates
Dr. Martin Rust
Tailings Sub-Committee

Big thanks to:
All the presenters
Scott Gover

SAICE Magazine – 2018 April Edition

April Edition of the SAICE Magazine

Articles by February 2018

Send to John Pavlakis at jpavlakis@mpacge.com

Thanks to John Pavlakis
Communications & Website

Member communication through email (SAICE registered address).
Non-members can register to receive information, info@geotechnicaldivision.co.za.

Website www.geotechnicaldivision.co.za.

Sponsors

For sponsorship queries: info@geotechnicaldivision.co.za
Planned Events for 2018

Mike Jefferies:
◦ Jenning’s Lecture
◦ Workshop on Critical State Soil Mechanics

6th Mining and Industrial Waste Conference

Gala dinner & Terzaghi Oration

More evening lectures

17th African Regional Conference in Cape Town, 2019

17th African Regional Conference, 2019

Successful bid at the 16th African Regional Conference, Tunisia.
7th – 10th October 2019
Cape Town International Convention Centre (CTICC), Cape Town, South Africa

Organising Committee:
Denis Kalumba – Chairman
Heather Davis - Treasurer
Gerhard Heymann
Solly Phalanndwa
Trevor Green
Dan Avutia (IYGEC)
Yolande Oosthuizen (Selah)

Editorial Committee:
S.W. Jacobsz – Chairman
Edoardo Zannoni - GIGSA
Phil Paige-Green – SAIEG
Rob Armstrong - SANIRE
Finances

South African Institution of Civil Engineering (SAICE)

GEOTECHNICAL DIVISION
South African Institution of Civil Engineering

FINANCIAL STATEMENT
1st November 2016 to 31st October 2017
## INCOME

<table>
<thead>
<tr>
<th>Description</th>
<th>2017</th>
<th>2016</th>
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<tbody>
<tr>
<td>Interest on investments</td>
<td>81 822,90</td>
<td>83 070,13</td>
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<tr>
<td>ISSMGE fee refund - 2016</td>
<td>0,00</td>
<td>116 693,19</td>
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<tr>
<td>ISSMGE fee refund – 2017</td>
<td>83 426,44</td>
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<tr>
<td>Administration grant from SAICE</td>
<td>46 625,61</td>
<td>41 410,06</td>
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<tr>
<td>Sale of publications</td>
<td>6 081,00</td>
<td>7 280,00</td>
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<td>Evening lectures</td>
<td>4 500,00</td>
<td>4 500,00</td>
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<tr>
<td>Geotechnical investigations lecture</td>
<td>1 000-00</td>
<td>32 300,00</td>
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<tr>
<td>2nd Geotechnical Investigations lecture</td>
<td>44 000-00</td>
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<tr>
<td>Carried over</td>
<td><strong>267 455,95</strong></td>
<td><strong>285 253,38</strong></td>
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## INCOME

<table>
<thead>
<tr>
<th>Description</th>
<th>2017</th>
<th>2016</th>
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<tbody>
<tr>
<td>Brought forward</td>
<td><strong>267 455,95</strong></td>
<td><strong>285 253,38</strong></td>
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<tr>
<td>1 day Piling Course</td>
<td>0,00</td>
<td>206 750,00</td>
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<tr>
<td>Tailings Workshop</td>
<td>98 700-00</td>
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<td>YGE 2017</td>
<td>1 063 837,70</td>
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<td>Resolved error payments</td>
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<td><strong>1 946 938,48</strong></td>
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# EXPENDITURE

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<tr>
<td>Bank Charges</td>
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<td>Codes Meeting</td>
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<td>ISSMGE Fees</td>
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<td>Awards and Bursaries</td>
<td>125 000-00</td>
<td>5 450,00</td>
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<td>YGE 2017</td>
<td>699 620,38</td>
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<td>AGM and Meetings</td>
<td>6 947,58</td>
<td>5 737,07</td>
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<td>Jennings Lecture</td>
<td>170 485,61</td>
<td>165 883,27</td>
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<tr>
<td>Evening Lectures</td>
<td>7 307,50</td>
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<td>1 122 278,58</td>
<td>313 397,52</td>
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# EXPENDITURE

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<tbody>
<tr>
<td>Brought forward</td>
<td>1 122 278,58</td>
<td>313 397,52</td>
</tr>
<tr>
<td>Geotechnical investigations course</td>
<td>9 225,00</td>
<td>24 624,00</td>
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<tr>
<td>2nd Geotechnical investigations course</td>
<td>52 022,22</td>
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<tr>
<td>1 day piling course</td>
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<td>190 137,51</td>
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<td>Tailings Workshop</td>
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<td>ARC 2019</td>
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<td>Waste Conference</td>
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<td>Web site development</td>
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<tr>
<td>Resolved error payments</td>
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<td>28 320,00</td>
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<td><strong>Total Expenditure</strong></td>
<td><strong>1 272 178,64</strong></td>
<td><strong>2 050 577,67</strong></td>
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# ACCUMULATED FUNDS

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<th>2016</th>
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<tr>
<td>Surplus/deficit (-) for the year</td>
<td>163 065,01</td>
<td>-103 639,19</td>
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<tr>
<td>Accumulated Funds at beginning of the year</td>
<td>1 238 161,93</td>
<td>1 341 801,12</td>
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<tr>
<td>ACCUMULATED FUNDS AT END OF THE YEAR</td>
<td>1 401 226,94</td>
<td>1 238 161,93</td>
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# ASSETS & LIABILITIES

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
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<td>Money Market account</td>
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<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>1 401 226,94</td>
<td>1 238 161,93</td>
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<tr>
<td><strong>CURRENT LIABILITIES</strong></td>
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<tr>
<td>None</td>
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<td>0,00</td>
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<tr>
<td><strong>SPENDING MONEY</strong></td>
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<tr>
<td></td>
<td>1 401 226,94</td>
<td>1 238 161,93</td>
</tr>
</tbody>
</table>
In Conclusion

We owe a huge debt of gratitude to our sponsors who continually show their support to the Division. Thank you.

Thank you to Yolande van den Berg, our event organiser, who provides excellent service and runs our courses, conferences and seminars so very well.

Thank you to SAICE for their assistance during the year.
Finances - Questions

Membership

Currently have 521 members, in good standing
Ranging in age from 22 to 95
Less than in 2016 (i.e. 22 down)
98 “On Hold” members
SAICE GeoDiv remains the largest geotechnical society in Africa with approximately 55% of Africa’s +/-900 members of the international society
Membership

Number of Members per Gender

<table>
<thead>
<tr>
<th>Number of Members per Gender</th>
<th>Male</th>
<th>Female</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>473</td>
<td>48</td>
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</tbody>
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International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

ISSMGE website [www.issmge.org](http://www.issmge.org)

GeoDiv involved in various technical committees

Dr Peter Day on the ISSMGE board for 2017 - 2021
Codes of Practice – Work Underway

Geotechnical Design Code
Chair – Alan Parrock
alan@arq.co.za

Lateral Support Code of Practice
Chair - Dr Francis Legge
legge@iafrica.com

Piling Code of Practice
Chair - Gavin Byrne
gavin.byrne@franki.com

Committee Members 2017

Trevor Green Chairman
Solly Phalanndwa Secretary
Heather Davis Treasurer

Denis Kalumba Cape Town Rep
Malcolm Jaros Durban Rep

Nicol Chang SW Jacobsz
Gabi Wojtowitz Dan Avutia
Scott Gover Jacobus Breyl
Drian Roos John Pavlakis

Phil Paige-Green SAIEG Rep
Florian Hoertkorn GIGSA Rep
Rob Armstrong SANIRE Rep
Committee Members 2018

Solly Phalanndwa  Chairman
Jacobus Breyl  Secretary
Heather Davis  Treasurer
Trevor Green
SW Jacobsz
Scott Gover
Gabi Wojtowitz
Dan Avutia
Drian Roos
John Pavlakis
Jurie Engelbrecht
Frans van der Merwe

Denis Kalumba  Cape Town Rep
Bazi Dukhan  Durban Rep
Phil Paige-Green  SAIG Rep
Florian Hoertkorn  GIGSA Rep
Rob Armstrong  SANIRE Rep

Discussion and Feedback
Awards

Five GeoDiv Fellows in 2017:
- Dr Graham Howell
- Ron Tluczek
- Terry Pidgeon
- Alistair Morgan
- Dr Frank Netterberg

Annual Awards:
- Barry van Wyk Award
- Jenning’s Award
- Gold Medal

Barry van Wyk Award

The award is presented annually to the author of the best final year dissertation on a geotechnical topic at a South African University

Five nominations (3 x UP, 1 x UCT & 1 x WITS)

Adjudicated by:  Dr Gary Jones

Extremely close
Barry van Wyk Award

The winner of the 2017 Barry van Wyk award:

Blaine Anthony Haupt

for his final year project report on

“The Effect of Pull Angle on the Ultimate Pullout Capacity of Vertical Plate Anchors in Sand”

produced in partial fulfilment of a Bachelor of Engineering Degree in Civil Engineering at the University of Pretoria in 2016.

Jenning’s Award

The J.E. Jennings Award is presented annually by the Geotechnical Division to honour the late Professor J E Jennings and the outstanding role played by him in the development of geotechnical engineering in South Africa.

The award is presented to a member of the Geotechnical Division who is the author of a meritorious publication relevant to geotechnical engineering in South Africa published during the previous year, either in South Africa or elsewhere.

Four nominations

Adjudicated by: Dr Irvin Luker (Tie breaker by Alan Parrock)
Jenning’s Award

The winner of the 2017 Jenning’s award:

Philip Stott & Dr Elizabeth Theron

“Shortcomings in the Estimation of Clay Fraction by Hydrometer”


South African Geotechnical Gold Medal

The South African Geotechnical Gold Medal was instituted by the Geotechnical Division in 1989 to honour members of SAICE who have made a significant contribution to geotechnical engineering in South Africa.

The medal is awarded to an individual who, in the unanimous opinion of the Division Committee, has made a significant contribution to furthering the art and science of geotechnical engineering in South Africa.
South African Geotechnical Gold Medal

The winner of the 2017 SAICE South African Geotechnical Medal

Isak Venter

Introduced by Dr. Fritz Wagener