



SANIRE

SOUTH AFRICAN NATIONAL INSTITUTE
OF ROCK ENGINEERING

WELCOME TO THE

ANNUAL GENERAL MEETING

FRIDAY

28 AUGUST 2020 | *MICROSOFT TEAMS **LIVE***

AGENDA

- 1 Welcome by the President
- 2 Apologies
- 3 Matters arising from previous minutes
- 4 AGM Presentation
 - 4.1 Presidential Note, Portfolios and Constitution Review
 - 4.2 Administration
 - 4.3 Treasury
 - 4.4 Branches Feedback
 - 4.5 Membership and Young Members
 - 4.6 Education
 - 4.7 ISRM Feedback
 - 4.8 Social Media and Newsletter
 - 4.9 Organisational Liaison
 - o SAIEG, SANCOT, SAIMM, GSSA
 - o MHSC, RBTT, Seismicity, MoshCOPA
 - 4.10 Events and Sponsorship
- 5 General
- 6 Questions



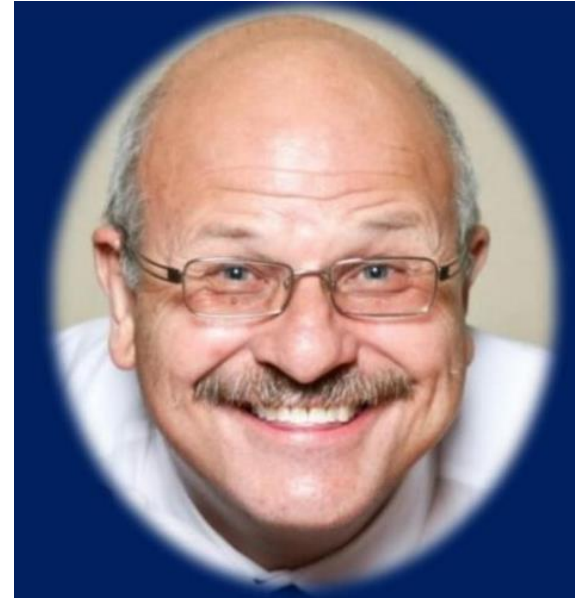
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OF ROCK ENGINEERING

Presidents Note



Presidents Note

- Welcome
- Apologies
- Introduction
- Moment of silence





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OF ROCK ENGINEERING

Council Portfolios



Portfolio holders

Portfolio	Portfolio Holder
President / Events and Sponsorship	Paul Couto
Past President	Jannie Maritz
Vice President	Lizelle Prinsloo
Treasurer	Lizelle Prinsloo
Administrator (MPAS)	Raymond van der Berg
Membership	Dave Neal
Young members	Yerisha Rajpal
Education, Exams Committee and Awards	Adam Cooper and Andre Esterhuizen
1. Future Education	Jannie Maritz
2. MincoSA Exams	Adam Cooper
3. Rock Engineering Practical Exams	Andre Esterhuizen
4. Strata Control Officer Practical Exams	Adam Cooper
ISRM/ RETC/ MRAC	Dr. Michael Du Plessis
Social Media	Raymond van der Berg
Newsletter	Pearl Moshane Johann Esterhuyse
Organisational Liaison	
1. SAIEG, SANCOT, SAIMM, GSSA	Robert Armstrong
2. MHSC, RBTT, Seismicity, MoshCOPA	Friedemann Essrich





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Constitutional Review



Constitutional Review

- Thank you to the members that did make contributions and suggestions.
- Comments closed the 20th August 2020 from members.
- Suggested grammar and spelling comments were considered by Council and will be changed by a professional proof reader.
- On the 21st August 2020 the council reviewed the comments and listed the comments that required attention.



Constitutional duties

11. GENERAL MEETINGS

11.1 The quorum for all general meetings of the Institute shall be fifteen corporate members personally present. Subject to the provisions of Clause 4.8 of the constitution, a majority of votes shall carry any business before the meeting.

Update with the electronic section - Due to the current COVID 19 Pandemic, we will consider the attendance by virtual meeting as personally present, unless there are any objections.



Member Feedback (1)

- ***What does connected mean in this context? Family, business partners, etc.***
- A. 2.1 – I’m happy with allowing ALL members to vote, but then we need to correct all other places in the document that refer to “corporate members”. In fact, we should probably debate why then we should have graded membership at all?
- B. 3.3 – Given our presidential term of 2 years (most other similar organisations have a 1-year term), allowing him/her to serve a second term makes no sense. The president is generally **“burned out”** by the end of the term anyway, and a second consecutive term will result in diminished effectiveness. If a situation arises where the vice-president is unable / unwilling to take up the position of president, alternative nominations should be sought from current (experienced) council members or in the worst case, via a complete nomination and election process where members are consulted.
- C. 3.5 – This makes no sense! Why should we limit a person’s time on council if they are willing to stand for nomination? We have few enough volunteers as it is!
- D. 3.6 – Agree – with requesting first non-elected nominee to take up vacancy, then next in line, etc..
- E. 3.20 – We need to adapt the wording to allow additional signatures in order e.g. vice-president, then treasurer, then....



Members feedback (2)

- A. 4.2 – “physically present” – this should be re-considered, especially as online meetings (or at least partially-online meeting) are likely to become the norm.
- B. 4.5 – Visitors may take part in any discussion.... Add “but may not vote on any issue”.
- C. 5.2.2 and 5.2.3 being removed – we should allow some way for members to vet prospective applicants, even if it only involves the right of the membership portfolio holder to communicate with the applicant’s references.
- D. 9.1.1 (b) – does this mean that each branch chair MUST nominate a candidate for council? Or does this refer to the person who will represent the branch at council?
- E. Section 11 – does this not replicate section 4?
- F. Some admin – there are places in the document where “secretary” has been deleted and replaced by “administrator”, but there are other places where the two words appear side by side. The editor should re-run the “find and replace” function.





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Administration



Administration

Mines Professional Associations' Secretariat (MPAS)

 Administrating body for Twelve (12) Associations & One (1) Institute



Administration

Staff:

- ✍ MPAS Manager
(Administering SANIRE)
- ✍ Two Association Secretaries
- ✍ DTP Administrator (Website
Management / Graphic Design)
- ✍ Bookkeeper
- ✍ Accountant
- ✍ Debtors Assistant

Administrative/financial tools in use:

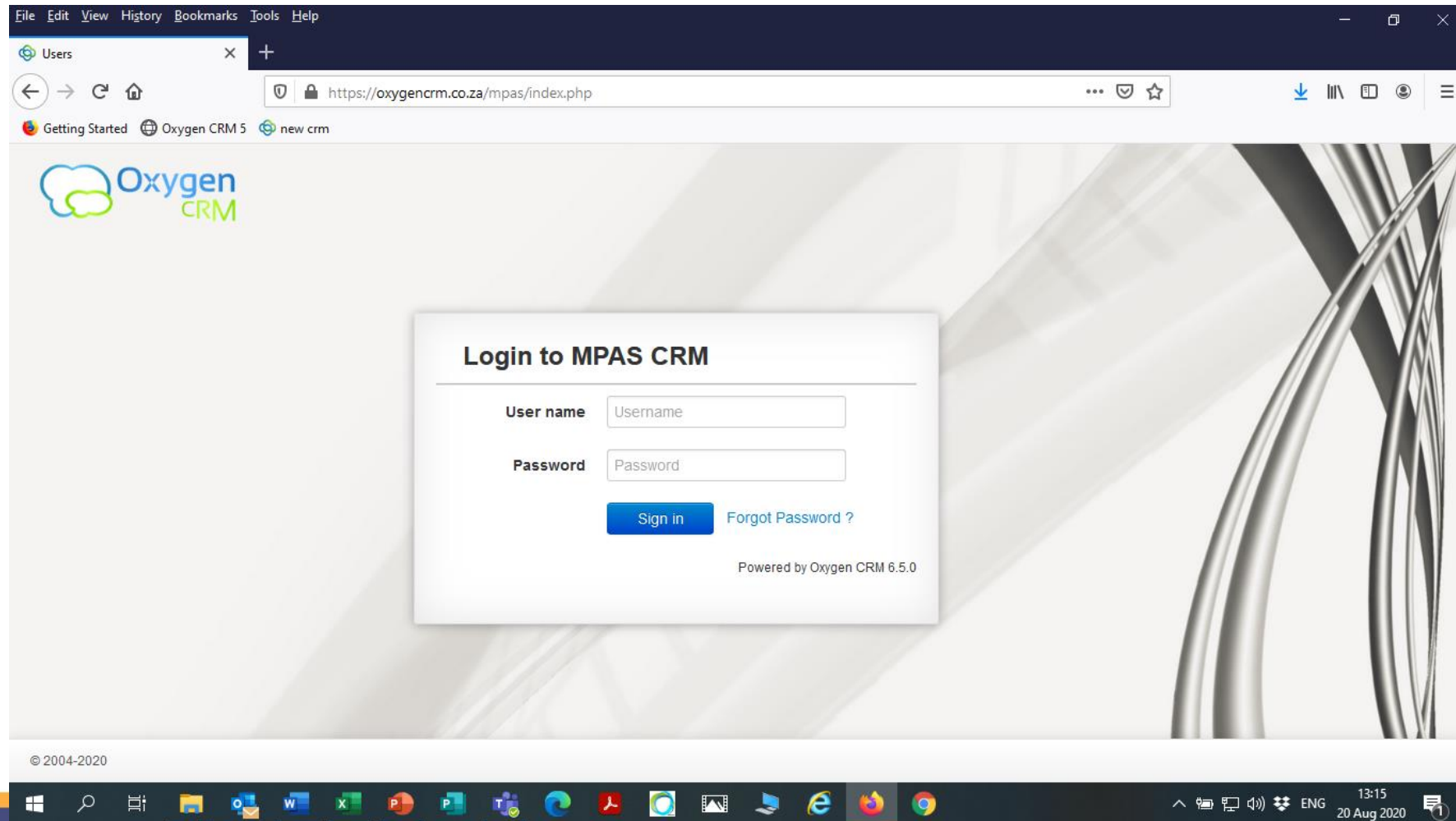
- ✍ Microsoft Word
- ✍ Microsoft Excel
- ✍ Microsoft Outlook
- ✍ Microsoft Adobe
- ✍ Microsoft Teams Meeting
- ✍ Microsoft Live Meeting
- ✍ Pastel (2019)
- ✍ Oxygen - Customer Relation
Management System (CRM)

Business Activities:

- ✍ Secretarial Services
- ✍ Financial
Management
- ✍ Membership
- ✍ Publication
- ✍ Event Management



Database



Database

The screenshot displays the MPAS MembersList database interface. The browser address bar shows the URL: <https://oxygencrm.co.za/mpas/index.php?module=Contacts&parent=&page=1&view=List&viewname=91&orderb...>. The interface includes a navigation menu with options like Associations, Members, Individual Activities, Development Activities, Documents, EMAIL Maker, Cloud Files, and All. The main content area shows a list of members with columns for First Name, Last Name, Company, Mine, and Designation. The list is titled "SANIRE Membership List" and shows 1 to 200 records. The table includes a checkbox for each row and a plus sign for expanding details.

	First Name	Last Name	Company	Mine	Designation	
☐						
☐	Jeanne	Walls	Golder Associates Africa (Pty) Ltd	--	Rock Mechanic	(+)
☐	Peter	Terbrugge	SRK Consulting (South Africa) (Pty) Ltd	--	Corporate Consultant	(+)
☐	Robert	Armstrong	SRK Consulting (South Africa) (Pty) Ltd	--	Principal Geologist	(+)
☐	Moleleke	Makajane	IMPLATS Group	--	Senior Rock Engineering Officer	(+)
☐	Thabiso	Kayizana	IMPLATS Group	Marula Platinum Mine (Pty) Ltd	Strata Control Officer	(+)
☐	Joel	Madiba	Private Member	Marula Platinum Mine (Pty) Ltd	Strat Control Technician	(+)
☐	Cambridge	Phuduhudu	Goldfields Group Services (Pty) Ltd.	--		0;
☐	Ndumiso	Lango	Brentley, Lucas & Associates Mining ...	--		(+)
☐	Thabo	Semfeng	Brentley, Lucas & Associates Mining ...	--	Strata Control Officer	0;
☐	Blackie	Swart	Brentley, Lucas & Associates Mining ...	Phakisa Mine Ltd	Strata Control Officer	(+)

Database

The screenshot displays the MPAS CRM web application. The browser address bar shows the URL: `https://oxygencrm.co.za/mpas/index.php?module=Contacts&view=Detail&record=20246`. The application's top navigation bar includes links for Associations, Members, Individual Activities, Development Activities, Documents, EMAIL Maker, Cloud Files, and All. The left sidebar contains a menu with options like MembersList, Dashboard, Recently Modified, PDFMaker, Workflows, EMAILMaker, and Tag Cloud. The main content area is titled "Mr. Raymond van der Berg" and "MPAS Manager at SANIRE". It features a "Create Membership" button and a table of member details. The table includes fields such as Active status, Membership Number (MB8098), Status (Current), First Name (Mr. Raymond), Last Name (van der Berg), Association Name (SANIRE), Designation (MPAS Manager), Email (raymondvdb@mpas.org.za), Pastel Balance (0), Mailing City (Johannesburg), and Assigned To (ALL MPAS CRM Users). To the right of the table, there are sections for "Activities" (showing no pending activities) and "Updates" (listing recent system updates). A right-hand sidebar provides a "Member Summary" with links to Member Details, Comments, Updates, Activities, Emails, Documents, Memberships, Individual Activities, and Development Activities. The Windows taskbar at the bottom shows the system time as 13:19 on 20 Aug 2020.

File Edit View History Bookmarks Tools Help

Members

← → ↻ ↩

https://oxygencrm.co.za/mpas/index.php?module=Contacts&view=Detail&record=20246

Getting Started Oxygen CRM 5 new crm

Associations Members Individual Activities Development Activities Documents EMAIL Maker Cloud Files All

MPAS

All Records Type keyword and press enter Advanced

MembersList

Dashboard

Recently Modified

PDFMaker

Workflows

EMAILMaker

Tag Cloud

Mr. Raymond van der Berg
MPAS Manager at SANIRE

Create Membership Edit Send Email More

Active	Yes
Membership Number	MB8098
Memberships Status	Current
First Name	Mr. Raymond
Last Name	van der Berg
Association Name	SANIRE
Designation	MPAS Manager
Email - Primary	raymondvdb@mpas.org.za
Pastel Balance	0
Mailing City	Johannesburg
Assigned To	ALL MPAS CRM Users

Activities Add

No pending activities

Updates

MPAS CRM Administrator updated 1 year ago
Pastel Customer Name: from van der Berg Ray To van der Berg Raymond
MPAS CRM Administrator updated 1 year ago
Last Modified By: from Karen van Zyl To MPAS CRM Administrator
Karen van Zyl updated 1 year ago
Last Modified By: from Karen van Zyl To MPAS CRM Administrator
Karen van Zyl updated 1 year ago

Member Summary

Member Details

Comments

Updates

Activities

Emails

Documents

Memberships

Individual Activities

Development Activities

13:19
20 Aug 2020

Database

The screenshot displays the MPAS web application interface. The browser's address bar shows the URL: `https://oxygencrm.co.za/mpas/index.php?module=Contacts&view=Detail&record=20246&mode=showData`. The application's navigation menu includes 'Associations', 'Members', 'Individual Activities', 'Development Activities', 'Documents', 'EMAIL Maker', and 'Cloud Files'. The 'Members' section is active, and the user 'Raymond' is logged in.

The main content area shows the 'Pastel Information' for a member named 'van der Berg Raymond'. The information is organized into two columns:

Pastel Information	
Pastel Customer Name	van der Berg Raymond
Pastel Account No	MB8098
In Pastel	Yes
Division VAT Number	
Mine VAT Number	
Tel	
Fax No	-
Cell	
Delivery Address Street	
Delivery Address Suburb	
Delivery Address City	
Delivery Address Code	
Pastel Balance	0
Date Of Last Payment	
Last Amount Paid	0
VAT Chargeable	No
Email - Pastel	raymondvdb@mpas.org.za
Email 2 - Pastel	
Company	
Mine	
Postal Address	
Postal Address City	
Postal Address Code	
Integration Status	0 = Success

Below the 'Pastel Information' section, there is a 'Certificate Information' section which is currently collapsed.

The Windows taskbar at the bottom shows the system time as 13:20 on 20 Aug 2020, with the language set to ENG.

Database

The screenshot displays the MPAS (Member Profile Assessment System) web application. The browser address bar shows the URL: `https://oxygencrm.co.za/mpas/index.php?module=Contacts&view=Detail&record=20246&mode=showDetails`. The application's navigation menu includes: Associations, Members, Individual Activities, Development Activities, Documents, EMAIL Maker, Cloud Files, and All. The user is logged in as Raymond.

The main content area shows the details for record 20246, categorized under 'All Records'. The data is organized into several sections:

- Certificate Information**

GCC CERT No		GCC CERT Date	
MMC CERT No		MMC CERT Date	
CoM REC No		CoM REC Date	
CoM SCO No		CoM SCO Date	
COM AREC No		COM AREC Date	
- ESCA Information**

ESCA	No		
- SACNASP Information**

SACNASP		SACNASP Number	
SACNASP Category			
- HPCSA Information**

--	--	--	--

The Windows taskbar at the bottom shows the system time as 13:21 on 20 Aug 2020, with the language set to ENG.

Database

The image displays two screenshots of the MPAS Advanced Reporting interface, illustrating the process of generating a report.

Left Screenshot: Records List and Report folders

The interface shows the MPAS logo and navigation tabs: Associations, Members, Individual Activities, Development Activities, Documents, EMAIL Maker, and Advanced Reporting. The 'Advanced Reporting' tab is active. The 'Records List' section on the left shows a 'Recently Modified' filter. The 'Report folders' section on the right lists the following folders:

- Memberships
- ECSA
- Members
- BALANCES

Right Screenshot: Advanced Reporting Search Criteria and Report

The 'Advanced Reporting' tab is active. The search criteria are defined as follows:

- (Members) Association Name Is SANIRE
- and (Members) Active Contains x Yes
- and (Members) Membership Type Isn't

A 'Preview' button is visible. Below the search criteria, the 'Report' section shows the following settings:

- Show 50 records per page
- Freeze first 0 columns

The resulting report table is displayed below:

Membership Type	Count(Membership ...)
Associate	339
Correspondence	1
Fellow	19
Foreign	3
Honory Life Fellow	19
Honory Member	3
Member	153
RET	11



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Treasury



Treasury – General Overview

- New financial year started 2020/2021 in July 2020.
- Financial year end 2019/2020 concluded (within 4 weeks).
- Membership invoicing for 2020/2021 commenced in August 2020.
- Third party auditing is currently being conducted for 2018/2019 and 2019/2020 financial years and will be shared with members once concluded.
- 2016/2017 and 2017/2018 will be conducted as soon as possible, based on the delay of documentation requirements from previous accountant.



Treasury - Branches

- Thank you to ALL the branches
The first time that all branches submitted before the deadline
- The R5000 refund has been paid to the branches who qualified.



Treasury - Branches

SANIRE BRANCH ANALYSIS FOR 2019/2020

	INCOME + BANK BALANCE	EXPENSES	YEAR-END BALANCE 2019 / 2020
FREEVAAL	R122 107.01	R39 632.32	R82 474.69
EASTERN BUSHVELD	R149 184.18	R50 291.00	R98 893.18
COALFIELDS	R58 497.95	R25 945.50	R32 552.45
WESTERN BUSHVELD	R138 050.10	R83 115.63	R54 934.47
GAUTENG DISTRICT	R37 671.81	R25 931.95	R11 739.86
NORTHERN CAPE	R8 000.00	R0	R8 000.00



Future Financial Branch Options

- Two options are proposed by SANIRE Council
 - Option A – One bank account
 - Option B – Individual branch accounts (Current)

Option A	Option B
Northern Cape	FreeVaal
Eastern Bushveld	Western Bushveld
	Coal
	Gauteng

Option A

- The branch will utilise the SANIRE Council bank account with an allocation folder to maintain records of the individual branch finances.
- Full MPAS management:
 - The branches income and expenses will be recorded upon invoice or receipt on a monthly basis by MPAS
 - Monthly financial reports will be drafted and issued to the branch for reviewal.
 - All payments and requests will be submitted to MPAS for processing.
 - FYE will not require any treasury work, besides a confirmation of the correct accounting



Option A

- Benefits of the One Bank Account System:
 - No changes to account holder details are required when branch committee members change.
 - All book keeping and management is done via MPAS with immediate feedback and service.
 - Accountability is placed with MPAS and the branch which makes the process more auditable and transparent.
 - Monthly financial statements instead of annual
 - Financials and Disclosure of Information to SARS.



Option B

- The Branch will have to Submit their Financials to MPAS for assessment, verification and inclusion into the Main Branch Accounting System.
- The Financial must be completed and submitted no later than the 10th of the following month.
- All relevant Documents and Bank Statements must accompany the Workflow Book. The Branch must adapt to the suggested Workflow Books as suggested to Council.
 - Previous submission of Annual Workflow Books lacked information and correctness and relevant information was lost as the Book was compiled at year-end and most information was not maintained correctly.



Treasury – Donation Tax Guidelines

Communications on 3 July 2020 to Public Benefits Organisation (PBO) Act and Tax Act -

The Recipient of Donations must adapt the policy of maintaining and/or issuing of a “Section 18A Certificate” upon receipt of donations from a donor.

 **SANIRE**
SOUTH AFRICAN NATIONAL INSTITUTE OF ROCK ENGINEERING

South African National Institute of Rock Engineering
c/o Mines Professional Associations' Secretariat (MPAS)
P.O. Box 61709
Marshalltown
2107

Dear Branch Committee

3 July 2020

SANIRE DONATION TAX GUIDELINES

SANIRE receives donations from time to time and this letter explains what the income Tax Act 58 of 1962 – 9th schedule recommends in this regard.

In the event of a bona fide donation being made to an institution, the donor must adhere to the prescribed guidelines as per the 18th schedule of the Tax Act which requires that any receiving institution must be recognized and registered under the 18th Schedule; and be recognized by SARS.

SANIRE must be in a position to satisfy the auditors in terms of the donation that was made and issue all donors with a Section 18 receipt, as per their registered name and number.

Therefore, SANIRE is implementing a “Receipt of Donations Received as a PBO – Under Section 18A” to be completed by all new forthcoming donors. This must be submitted to the SANIRE national administration as part of financial year end submissions.

Please implement with immediate effect.

Yours sincerely,


SANIRE President (PM Couto)


Hon. Treasurer (LL Prinsloo)

5th Floor, Minerals Council South Africa | 5 Hollard Street, Johannesburg, 2001
P.O. Box 61709 | Marshalltown, 2107
Tel: +27 11 568 2053 | Email: info@sanire.co.za

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 **SANIRE**
SOUTH AFRICAN NATIONAL INSTITUTE OF ROCK ENGINEERING

DATE: _____

RECEIPT OF DONATIONS RECEIVED AS A PBO – UNDER SECTION 18A:

This serves to confirm that the “SOUTH AFRICAN NATIONAL INSTITUTE OF ROCK ENGINEERING” - “SANIRE” registered as a public benefit organisation - tax registration number – 930 034 167 - confirms receipt of the donation made by (full name of company) _____.

For an amount of R _____.

SANIRE appreciates the donation made by your company.

Yours faithfully,

Signature of Branch Chairperson _____

Name of Branch Chairperson _____

Branch _____

5th Floor, Minerals Council South Africa | 5 Hollard Street, Johannesburg, 2001
P.O. Box 61709 | Marshalltown, 2107
Tel: +27 11 568 2053 | Email: info@sanire.co.za

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Membership Fees 2020/2021

- SANIRE letter dated 6 July 2020: “SANIRE Council is pleased to announce that there will be no membership fee increase for next financial year (2021)”. (This is for the second year in a row).
- SANIRE still remains the lowest membership fee for a professional association in RSA.

Member type	Annual Fee
Honorary Life Fellow/ Member	R0
Student	R0
Retired Member	R270
Associate Member	R650
Member	R800
Fellow	R920



2019/2020 Income

SANIRE Main Branch Income:	
Membership Fees 2019	349 950.00
Membership Fees 2018	111 980.00
Courier and Handling Fees	300.00
Newsletter Sales	12 000.00
Banquet Income:	
1) Main Branch	179 000.00
Sponsorships:	
1) Northern Cape Branch	8 000.00
2) Eastern Bushveld Sponsorship	850.00
Other:	
Sale Of Books	1 500.00
Deep Mining Profit Share SAIMM	601 781.86
Rock Engineering Prac Exam	28 000.00
Strata Control Officer Prac Exam 2019	31 350.00
Strata Control Off Prac Exam March 2020	31 600.00
Rock Engineering Prac Exam Mar 2020	23 000.00
Rock Pillar W/Shop 2020	3 000.00
Other Income	34 764.56

SANIRE INCOME SUMMARY

SANIRE National Branch	1 417 076.42
Branches	390 863.52
Total Income	1 807 939.94

Income Gauteng	
Sponsorships & Donations	18 800.00
Income Functions	1 508.00
Refunds Entertainment	755.44
Bank Balance B/F	16 608.37
Income Western Bushveld	
Bank Balance B/F	61 577.19
Sponsors & Donations	73 150.00
Jackets Sold - Inventory	1 887.00
Interest Received	1 435.91
Income Freevaal	
Sals	6 060.00
Sponsors & Donations	34 000.00
Bank Balance B/F	80 647.53
Income Eastern Bushveld	
Bank Balance B/F	62 184.18
Sponsorship / Donations	82 000.00
Reward - Diligence	5 000.00
Income CoalFields	
Sponsorships	34 400.00
Bank Balance B/F	22 897.95
Income From Raffles	1 200.00

2019/2020 Income (notes)

- First time that SANIRE national reports on Branch level
- Total Invoiced in 2018 / 2019 R606 468.86
- Total Invoiced in 2019 / 2020 R1 773 175.52
 - Previous Financial Period by: R1 166 706.52
(Includes the branch incomes and the R601 000 Deep mining Profit Share (SAIMM))
- Amount of R181 990 was written off for members no longer active
- Debtors
 - Subscriptions 2019 Global = R33 150
 - Subscriptions 2018 & 2019 Singular = R5 600
 - New Members Subscriptions 2019 = R1650



2019/2020 Expenses

SANIRE Main Branch Operating Expenses:	
Accountant Fees	3 430.61
ISRM Annual Costs	87 230.61
Cell Phone Costs MTN	2 704.24
Audit Fees	12 844.52
Year End Function Costs	3 892.00
Bank Charges	4 813.45
SARES Exams - 2019	34 595.65
Donations	1 000.00
Cost Of Sales/ Operating Expenses:	
MPAS Expenses	360 928.46
Rewards - Branches	20 000.00
Main Acct. Event Costs	
Annual Banquet 2019	239 366.83
Strategic Planning Costs 2019	25 953.00
Strategic Planning Costs 2020	2 817.50
Annual General Meeting	68 009.10
SCO Practical Expenses	28 685.40
Rockburst Workshop Expenses	10 856.00
Pillar Workshop Costs	10 950.00
RE Practical Expenses	18 947.00
Depreciation	
Depreciation Computer Equipment	690.82
Depreciation Furniture & Fittings	1326.90
Depreciation Office Equipment	2720.12

BRANCHES	
Gauteng Expenses	
Rental Venue	10 470.00
Catering & Refreshments	11 740.00
Gifts - Expenses	2 653.87
Overhead Expenses	1 068.08
Western Bushveld Expenses	
Golf Day Expenses	65 494.84
Meeting Expenses	5 205.11
Overhead Expenses - Non Event	12 415.68
Freevaal Expenses	
Meeting Expenses	6 500.00
Eastern Bushveld Expenses	
Bank Charges	991.70
SANEB Costs	5 260.00
Reimbursement Sponsorship Incorrect	5 000.00
SANEB Venue Costs	33 550.00
Catering fees Meeting	5 489.30
CoalFields Expenses	
Bank Charges	2 313.50
Year End Function Costs	23 632.00

SANIRE EXPENSE SUMMARY

SANIRE National Branch	941 762.21
Branches	191 784.08
Total Expense	1 133 546.29

Budget 2020 / 2021 - Expenses

2020/21 Expenses

Budget

Administration

MPAS, admin costs	R	432 000.00	R36k per month
Third party audit	R	30 000.00	in 2021
Marketing (eg AMMSA, branding)			No expenditure in 2020
Branch FinReport incentives	R	20 000.00	(FreeVaal, Gauteng, Western Bushveld, CoalFields)
Bank charges	R	6 128.85	
ISRM & SAIMM member fees	R	90 000.00	Based on 540 members at €8 each
Travel grant (ISRM Symp, Sal&Ortl awards)	R	60 000.00	

Meetings and Functions

- Bosberraad	R	30 000.00	in 2021
- Banquet	R	200 000.00	The banquet must be self-funded. Banquet requires upfront cash flow
- AGM	R	50 000.00	
- Council Meetings	R	6 000.00	
- RockBowl	R	20 000.00	
- Symposium 2021	R	30 000.00	
- Education Workshop	R	10 000.00	
- Rockburst Workshop	R	10 000.00	
- Pillar Workshop	R	20 000.00	
Awards (Franklin, students)	R	40 000.00	

Practical Exams

SCO (R28 685.40) and RE (R17 567.00) in FY2020

- SCO Practicals	R	30 000.00	
- RE Practicals	R	20 000.00	

Other

Merchandise	R	5 000.00	
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CO2 offset fee

Total	R	1 109 128.85	
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Budget 2020 / 2021 - Income

2020/21 Income

Budget

Member fees (90% recovery)	R	323 694.00	Based on a 90% recovery of 540 members
Symposium 2021	R	30 000.00	
Banquet	R	200 000.00	The banquet must be self-funded. Income = expense.
Interest	R	21 000.00	

Rock Pillar W/shop 2020

SCO & RE exams

Total of R 95 600 collected in FY2020

- SCO Prac Exam Oct 2020	R	20 000.00
- SCO Prac Exam Mar 2021	R	35 000.00
- RE Prac Exam Nov 2020	R	25 000.00
- RE Prac Exam Mar 2021	R	25 000.00
Donations (exhibitions etc.))	R	26 703.60
Golf day (now changed to family day)		
RockTalk adverts	R	20 000.00
Other		
Merchandise & book sales	R	10 000.00

cancelled

courier and handling fees

Total	R	736 397.60
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Surplus/shortfall

-R 372 731.25



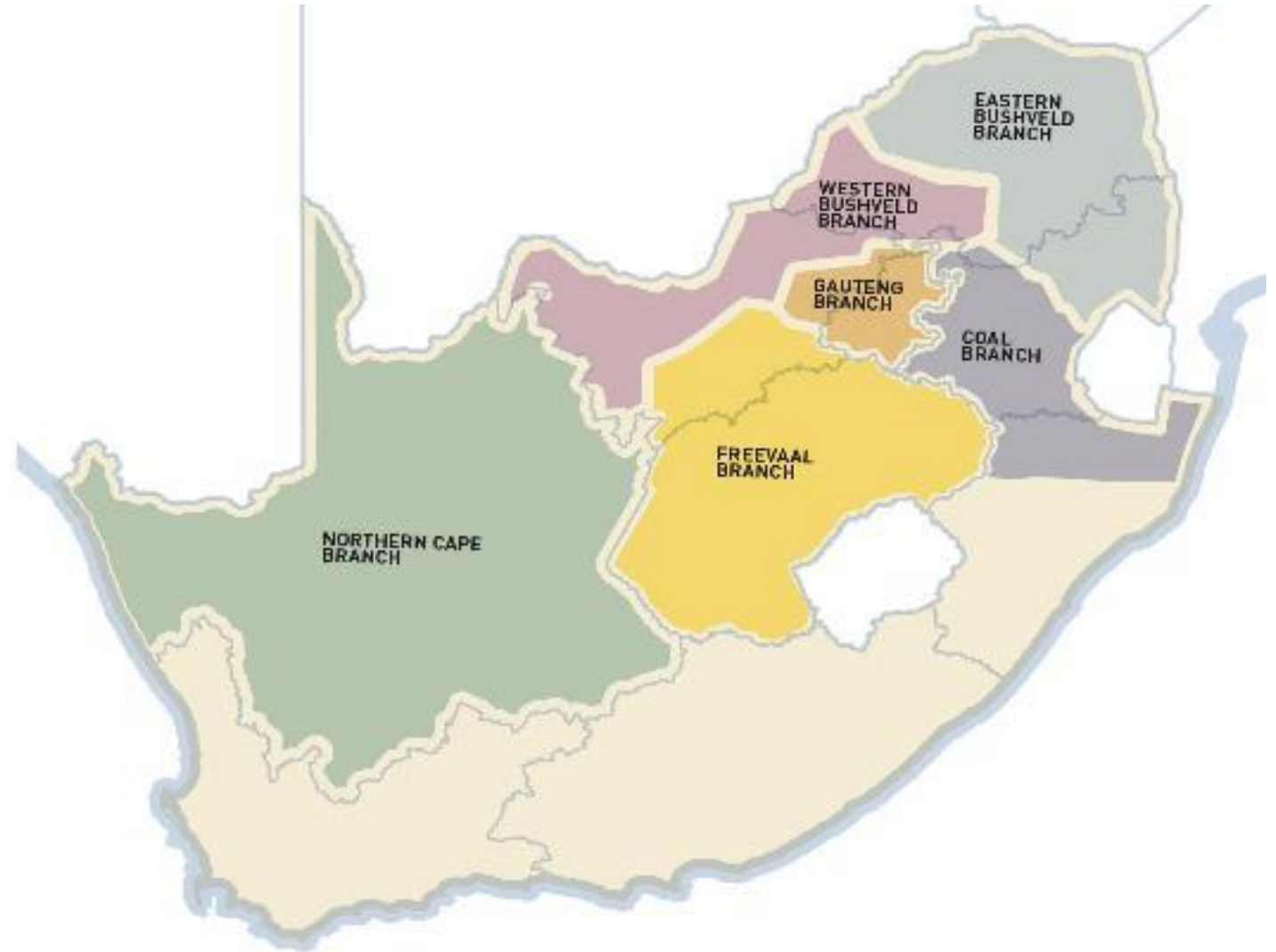
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Branches



SANIRE Branches

- Members needs driven
- Serve the members
- Build a brand for the future
- Building a recognised professional body



SANIRE – Gauteng

Branch Committee

Position	Member
Chairperson	Craig Smith
Vice Chairperson	Yerisha Rajpal
Treasurer	Craig Smith (acting)
Secretary	Katinka Joubert
Technical Events Coordinator	Adelaide Moganedi
Technical Events Administrator	Ross van Heerden
Supporting Role	Jeanne Walls / Tafadzwa Chindedza
Supplier Representative	Vacant



SANIRE – Gauteng

Technical Evenings

- ❖ 4 July 2019 - A Practical Approach to Laboratory Static Rock Reinforcement Testing – Greig Nox, New Concept Mining
- ❖ 24 October 2019 - Insight – Future FOG Training – Albert Jacobs, sts3D
- ❖ 20 February 2020 – Mine Layout Design and Seismic Hazards in Mines – Steve Spottiswoode, PhD



Young Engineers competition

Evert Kleynhans won a cash prize of R300, two rock engineering textbooks and a few bragging rights

- ‘The Effect of Jointing on Seismicity at Mponeng Gold Mine’.



SANIRE – Western Bushveld

Branch Committee

Position	Member
Chairperson	Willie Liebenberg
Vice Chairperson	Gordon Rabey
Treasurer	Annie van Niekerk
Secretary	Edeshni Munsamy
Young Members Representative	Ian Breedt
Supplier Representative	Peet Swart
Supplier Representative	Stephan Nel



SANIRE – Western Bushveld

Technical Meeting Oct 2019



SANIRE – FreeVaal

Branch Committee

Position	Member
Chairman	Jaco le Roux
Vice Chairperson	Jerry Wienand
Treasurer	Russel Page
Young Members	Tumi Moyake
Additional Member	Enos Makhubu
Company Representative FS	Paul vd Berg
Company Representative NW	Abner Mashabela



SANIRE – FREEVAAL

Technical Evening in Oct 2019

- Technical Presentation - TETRA 4 – Nick Mitchel
- Technical Presentation - BLA – Dr. Jaco le Roux
- Technical Presentation - Goldfields - JP Gouvea
- Company presentation – Groundwork Consulting (Pieter Greyling)
- Company presentation – LAW Mining (Dewald Calitz)



Technical Field Visit - TETRA 4 Helium and CNG Gas Facility



SANIRE – FREEVAAL

AWARDS



SANIRE – Eastern Bushveld

Branch Committee

Position	Member
Chairperson	Petrie Wessels
Vice Chairperson	Gunther Betz
Treasurer	George Louw
Young Members	Senzo Ngwenya
Administrator	Easavani Wessels
Supplier Representative	Chris Brink



SANIRE – Eastern Bushveld

Kameeldoring Golf Day 2019



SANIRE – Northern Cape

Branch Committee

Position	Member
Chairperson	Anton Gregory
Vice Chairperson	Kenneth Mashabela
Treasurer	Vacant
Young Members	Vacant
Secretary	Pelonomi Gae
Supplier Representative	Vacant



SANIRE – Coalfields

Branch Committee

Position	Member
Chairperson	Vacant
Vice Chairperson	Vacant
Treasurer	Vacant
Young Members	Vacant
Secretary	Vacant
Supplier Representative	Vacant



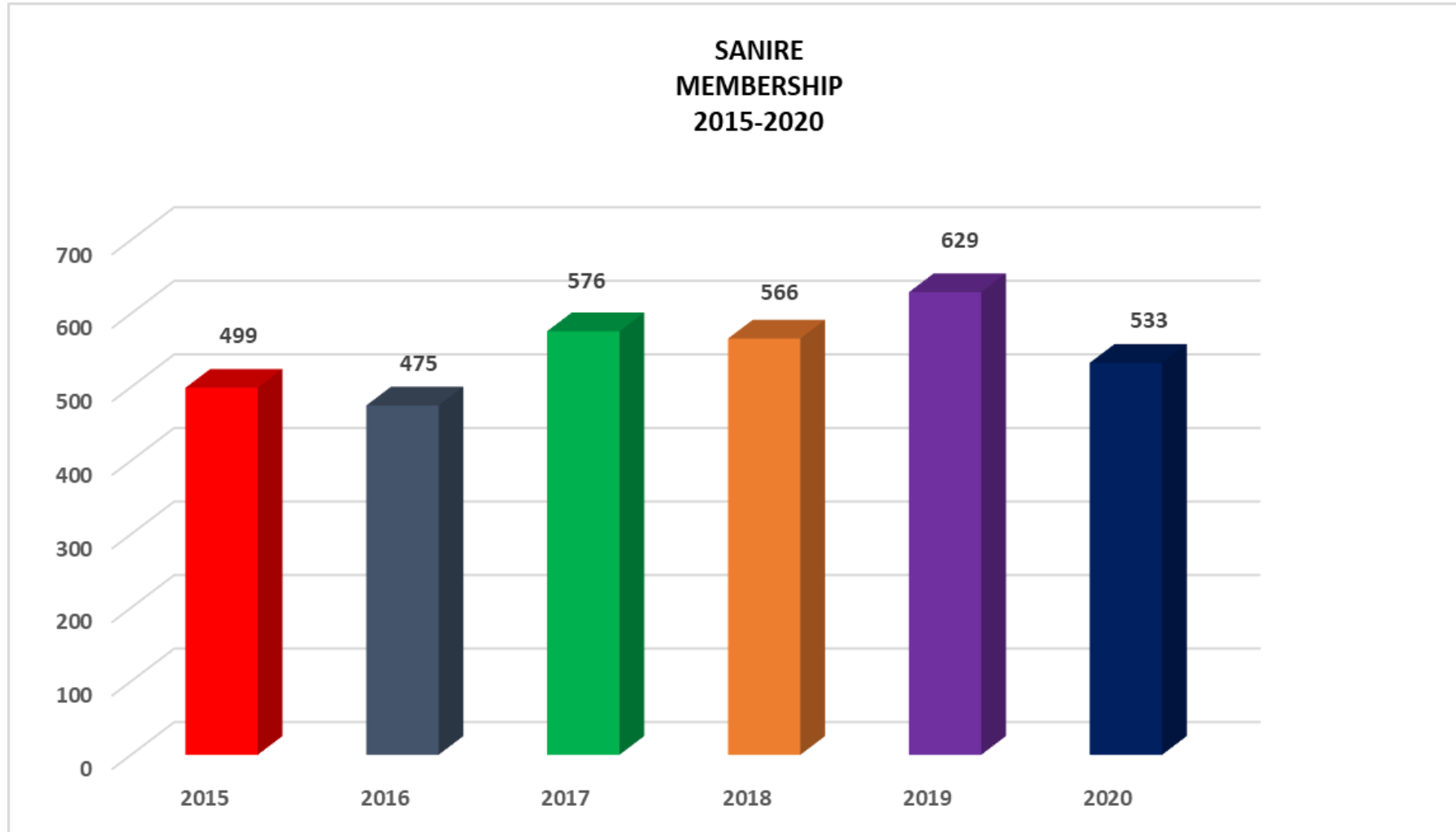


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Membership



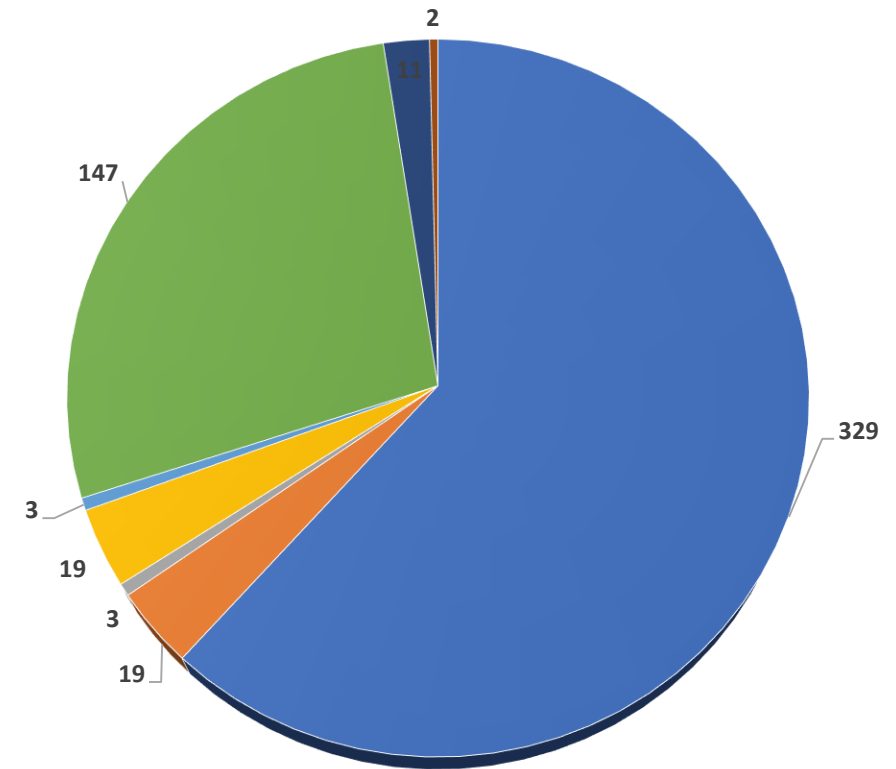
Membership



Membership Status

Membership Grade	Persons
Student	2
Associate Member	329
Member	147
Foreign	3
Fellow	19
Honorary Member	3
Honorary Fellow	19
Retired Member	11
Total	533

SANIRE MEMBERSHIP
June 2020



■ Associate ■ Fellow ■ Foreign ■ Honorary Life Fellows ■ Honorary Life Members ■ Member ■ Retired ■ Student

Membership

- Annual request is sent out to all members to update their details on the database.
- Payments must be made with reference numbers on the invoices are required to ensure the correct allocation is posted.
- eMembership certificates will be issued on receipt of payment.



Membership Certificates



Inactive Members

L	Baloyi
T	Bauermaster
E	Blankson
P	Boshoff
G	Brink
R	Carey
M	Cockram
M	Coetzee (Jordaan)
O	Dagume
G	Davie
V	de Lange
M	De Moliner
G	Diedericks
M	Dimapo
L	Ditlopo
S	Dlamini
G	Dukes
J	Ekkerd
E	Galume

P	Groenewald
S	Hageman
D	Harding
W	Holtzhausen
J	Jeevan
F	Joel
Y	Jooste
C	Jooste
L	Kawali
C	Kazadi
J	Keen
E	Kgosiemang
N	Khathi
N	Khosa
N	Killassy
J	Kwiri
L	Lamos
A	Lesejane
S	Lloyd
D	Louw
P	Maake

I	Mabelebele
S	Mabunda
M	Madiba
H	Malesa
T	Mametja
B	Manyike
B	Maphunye
B	Mappingere
M	Mariba
O	Masinge
N	Masole
K	Matsapola
M	Mavhungu
M	Mazibuko
M	Mbona
N	Mbonambi
J	McLean
K	Michel
C	Mkandawire
V	Mkhonta

M	Modika
L	Moepeng
M	Mogale
D	Mohlala
M	Mojapelo
R	Mokone
P	Molaoa
M	Moleke
N	Moleleki
H	Moller
T	Mtshali
S	Mtshali
A	Muchatibaya
S	Mulder
P	Mulenga
T	Munzhelele
N	Muthelo
O	Mutloane
E	Mzhize
A	Ndhukwani



Inactive Members

N	Ndlovu
X	Ndlovu
S	Ndlovu
F	Nemaname
T	Ngobeni
D	Ngosa
T	Ngwato
S	Ngwenya
M	Niambele
N	Nkosi
M	Ntangani
F	Ntisa
T	Oelofse
J	Oelofse
B	O'Hearn
A	Olivier
J	Oosthuizen
P	Pabwe
T	Pule
G	Ramashia

K	Ramorula
H	Rasethe
K	Rensburg
M	Riley
D	Roberts
T	Robinson
R	Saltanat Pouri
B	Schoevaerts
L	Seitshiro
T	Selete
E	Sellers
M	Selomane
T	Semfeng
T	Sephaphati
K	Sephesu
G	Shali
S	Sibanda
M	Sibanyoni
N	Simelane
T	Siwada
V	Skhosana

P	Spies
M	Steinmann
D	Swanepoel
Z	Thebethe
D	Thomas
B	Tidimane
G	Tshehla
K	Tshephe
O	Tshikane
M	Tswaane
H	Urcan
N	van Rooyen
C	van Rooyen
J	van Wijk
H	Venter
A	Voges
P	Witbooi
A	Wright
I	Wright
F	Zaayman





SANIRE

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OF ROCK ENGINEERING

Young Members



Young Members

- **RockBowl 2021**
 - RockBowl is open to all members young and old.
 - RockBowl will attempt a virtual platform in 2021 to open up the event to more participants.
 - SANIRE Council is busy developing a format whereby remote log in can be done and the system is electronic for auditable purposes.
- **Mentorship programme**
 - “Speed dating” format will be investigated and introduced in 2021 to connect mentees, with mentors.





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Education



Minerals Council Theory Exams

Theory Examinations:

- July examinations cancelled. Communication from Minerals Council SA and SANIRE provided to SANIRE Members, via our media platforms
- Next examinations in November 2020, currently with the registrations the MC is confident of execution.

SANIRE Education - Communication with Strata Control and Rock Engineering...

Category: **Latest**  Created: 04 June 2020

Attention: **SANIRE Members**

Strata Control and Rock Engineering Examinations



The Minerals Council Exams Committee consisting of SANIRE (South African National Institute of Rock Engineering, IMSSA (Institute of Mine Surveyors of South Africa), MVSSA (Mine Ventilation Society of South Africa) and MINCOSA (Minerals Council of South Africa) held a meeting on 1 June 2020 to discuss the way forward with the upcoming examinations. It was decided by a majority vote that the exams committee will cancel the July 2020 COM theory examinations due to safety and logistical concerns relating to COVID-19 pandemic following a thorough risk assessment conducted by MINCOSA. The next theory examinations will be held in November 2020. Please refer to the communication document issued by the Minerals Council.

The outstanding SCO Practical examinations have been placed on hold until mining operations are able to cater for numerous candidates. We will continue to keep members updated in this regard, however this decision is based on the safety of all, keeping in mind the limitations of the mining operations. No date can be issued at this stage for resumption.

In terms of the Rock Engineering Practical Examination, SANIRE proposed to the MINCOSA that we continue with the examinations as planned in July 2020, which was accepted on the basis that they are held "virtually" / online. When COVID 19 was declared a pandemic, SANIRE Council immediately started investigating the virtual options. The Rock Engineering Practical Examinations will continue as planned. Arrangements and communication with both examiners and candidates will be made accordingly in due course.

Should you have any queries in this regard, please do not hesitate to contact Adam Cooper at adamco@ivanplats.com

We as SANIRE Council continue to wish you all the best in the tough times ahead.

Yours sincerely,
SANIRE Education Portfolio (A Cooper)
SANIRE President (PM Couto)

Theory examiners

	Examiner	Moderator
SCO Met	JC van Zyl	Johan Esterhuizen
SCO Coal	Charl Skinner	Graham Priest
Rock Engineering Paper 1	Halil Yilmaz	Gerrit Kotze
Rock Engineering Paper 2	Marius Stander	Kevin Brentley
Rock Engineering Paper 3.1	Kevin Le Bron	Sampie van Buuren
Rock Engineering Paper 3.2	Wikus Mahne	Lelanie Prinsloo
Rock Engineering Paper 3.3	JP Gouvea	Quintin Grix
Rock Engineering Paper 3.4	Anton Gregory	Peter Terbrugge



SCO Practical Exams

- As previously reported, the March SCO Practical Examinations were completed however the Surface and Africa (Tanzania) practical's remains incomplete from March 2020.
- SCO Coal Practical – results withheld and a number of meetings held (SANIRE Council, SANIRE Coal branch and recently with the Minerals Council). Issue was concluded on 20th August.
- A “special” practical at Syferfontein Colliery will be hosted by SANIRE Council on the 11th September 2020.
- End of year SCO Practical Exams are a possibility depending on the status of Covid-19. Unwillingness of mines to host currently with all the regulations. Alternatives are being investigated in conjunction with online platforms and educational institutes.



SCO Practical Exams

SCO Logbook and Competency Matrix:

- Coal logbook complete and available on the SANIRE website. Upon special request, most of the SCO Coal logbooks were received from the candidates.
- Metalliferous = development/competency matrix Version 3. Finalized and is available on the SANIRE website. Distributed to members + SANIRE Branch Chairmen for implementation.
- Massive and Surface – logbook / development / competence matrix still being developed.



Required SCO Updates

SCO Practical examination guideline being reviewed

- To be timeline specific in terms of the process
- % breakdown of sections (planning, observations, report & general)

SCO syllabus to be updated with regards to the logbook / competency matrix

- Logbook / competency matrix to be made available during the practical exam
- Responsibility of the mentor to sign it off and take ownership

Document regarding “Governance of Examination Committee and Examinations” to be reviewed



New SCO Tickets



Mpho Mudau



Majara Makoe



Percy Moshole



Tendani Makhado



Kopano Chima



Akshay Sewcharan



Schalk Ferreira



Maanda Singo



Vhutshilo NemaIiji



Rock Engineering Practical Exam

- Exams hosted on-line (Google Meet and Jambord)
- Met - Combined Bord and Pillar and Conventional planning exam

Commodity	Champion
Coal	Sandor Petho
Surface	Des Mossop
Met Bord and Pillar	Petrie Wessels
Met Conventional	Marius Stander
Massive	Quintin Grix

	November 2019	July 2020
Candidates	30	24
Examiners	32	26
HDSA Examiners	21%	42%
Female Examiners	9%	19%
Session Passes	16	12 (14)*
New Tickets Issued	5	6

*Due to change in Met planning (B&P + Conventional merged)



New Rock Engineering Certificates



Wynand Grobler



Willem Liebenberg



Jhean-Michael van der Merwe



Denford Muusha



Timothy Russel



Prince Mulenga



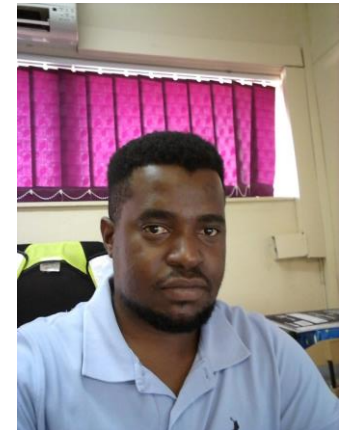
Nkhangweni Ratshitaka



Yogendran Arunachellan



Sipho Nxele



Reginald Mathiva

Warburton Brandon



Rock Engineering Practical Exam

Learnings:

- Reluctance of Rock Engineer's to be portfolio examiners
- Not all mentors reviewed portfolios
- Difficult to effectively prevent plagiarism – One (1) candidate suspended for 2 years
- HDSA and Female examiners are very scarce (for portfolios)
- Some users need to be allowed into the meeting, which means one person cannot schedule / manage the sessions
- Candidate and examiners struggled with connectivity issues.
 - Blocked by IT
 - Incorrect web browser installed
 - Low bandwidth
 - Network issues
 - Load-shedding
 - Unable to RSVP to an invitation and join a meeting from the calendar



Rock Engineering Practical Exam

Learnings (Continued):

- Some candidates do not have access to computers with webcams
- Planning did not go as well as portfolios due to Jpeg resolution and problems navigating between Jambord and Meet – need to look at having additional images to be able to see micro and macro views / zoom in
- Very easy for examiners to run over time and just re-schedule the other sessions
- Could not prepare planning examiners as a group



Rock Engineering Practical Exam

Recommendations for future:

- Mentors form must be updated to include a declaration that:
 - The Mentor did review the portfolio
 - That the Mentor acknowledges that it is the candidate's own work
 - Candidates must sign a plagiarism declaration and plagiarism must be explained and highlighted in more detail.
- Consider moving away from portfolios to projects. This will level the playing field and will require less examiners and less time of examiners, or
- Revise the portfolio requirements to include more detail on less subjects.
- Revise the score sheets and mark allocation for the portfolios.
- Update of the Rock Engineering Practical Guideline after review



Future Education

- 2021 still online?
- Awaiting QCTO, thus MINCOSA will continue until further notice



Awards

Award	Prize	Awarded	Frequency of Award
Napier	Gold Kruger Rand	SANIRE Banquet	Presidential term
Rocha	Gold Kruger Rand	SANIRE Banquet	When applicable
Salamon	Silver Kruger Rand	SANIRE Banquet	Annually
Ortlepp	Silver Kruger Rand	SANIRE Banquet	Annually
Honorary Fellow	Silver Kruger Rand	SANIRE Banquet	Annually
Honorary Member	Silver Kruger Rand	SANIRE Banquet	Annually
Practitioner of the Year	Silver Kruger Rand	SANIRE Banquet	Annually
Rock Star of the Year	Silver Kruger Rand	SANIRE Banquet	Annually
SANIRE Best Branch	Certificate and SANIRE Symposium	SANIRE Banquet	Presidential term
Highest marks and best students	Certificates	SANIRE AGM	Annually



Award Winners 2020

Award	Award Winner
Rocha	-
Salamon	Carry over to 2021
Ortlepp	Carry over to 2021
Honorary Fellow	Carry over to 2021
Honorary Member	Carry over to 2021
Practitioner of the Year	Carry over to 2021
Rock Star of the Year	Carry over to 2021



Award Winners 2020

Award	Award Winner	
SCO Met	Fidel	Ndaro
SCO Coal	Khuliso Russell	Mufunwaini
RE Paper 1	Oscar	Dagume
RE Paper 2	Lydia Lesoko	Ditlopo
RE Paper 3.1	Amos	Mapuranga
RE Paper 3.2	Yogendran	Arunachellan
RE Paper 3.3	Jaco	Rademeyer
RE Paper 3.4	Lesego Queen	Kebatsetse

Award	Award Winner
University of Pretoria	JG (Justus) Ngunjiri
University of Johannesburg	-
University of Witswatersrand	-





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ISRM



ISRM

- New presidential and board term started during the last quarter 2019
 - Term 2019 - 2023
- ISRM strategy session held in Slovenia in January 2020.
 - Done in conjunction with workshop “Recent trends in Rock Mechanics” (self funding event arranged by Slovenian Geotech Society)
 - The President Resat Ulusay appointed key council members to handle critical portfolios which needed attention (ISRM membership, Branding, Technical commissions, Education fund, Young members)
- ISRM president is very active and drives performance / outcomes



ISRM Africa

- Only three (3) active National Groups (RSA, Zimbabwe, Tunisia)
- Significant growth potential in future (difficult due to remote operations)
- Other focus areas identified by ISRM (Zambia, Namibia, Ghana, Morocco, Mali, Tanzania, Nigeria, Egypt, DRC)
 - Strategy: SANIRE to assist with the development of SADC branches being established (e.g. DRC, Zambia...) during the infancy stages, to grow the African group.
 - SANIRE has included a membership category to facilitate the process
- Ongoing excellence recognized: 29th online lecture by Prof. Francois Malan – March 2020



ISRM sponsored events

- 2020 ISRM International Symposium – EUROCK2020 - Norway (Cancelled)
 - Proceedings will be published on One-Petra and key note lectures will be given virtually
 - Board / council and commission meetings will continue on virtual platforms at the end of October
- 2020 ISRM Specialized Conference – CouFrac 2020 – Seoul, Korea, 11-13 November (Virtual)
- 2021 ISRM Specialized Conference – 5th Symposium of the Macedonian Association for Geotechnics – Ohrid, Macedonia, date to be defined
- 2021 ISRM Specialized Conference: 9th Brazilian Rock Mechanics Symposium – Campinas, Brazil, 27-30 April
- 2021 ISRM Specialized Conference: 5th International Workshop on Rock Mechanics and Engineering Geology in Volcanic Fields – Fukuoka, Japan, 9-11 September
- 2021 ISRM Regional Symposium – ARMS 11 – Beijing, China, 21-25 October (Initially planned March 2020)
- 2021 ISRM International Symposium – Eurock 2021 – Torino, Italy, 20-25 September (Moved from June – Sept)





SANIRE

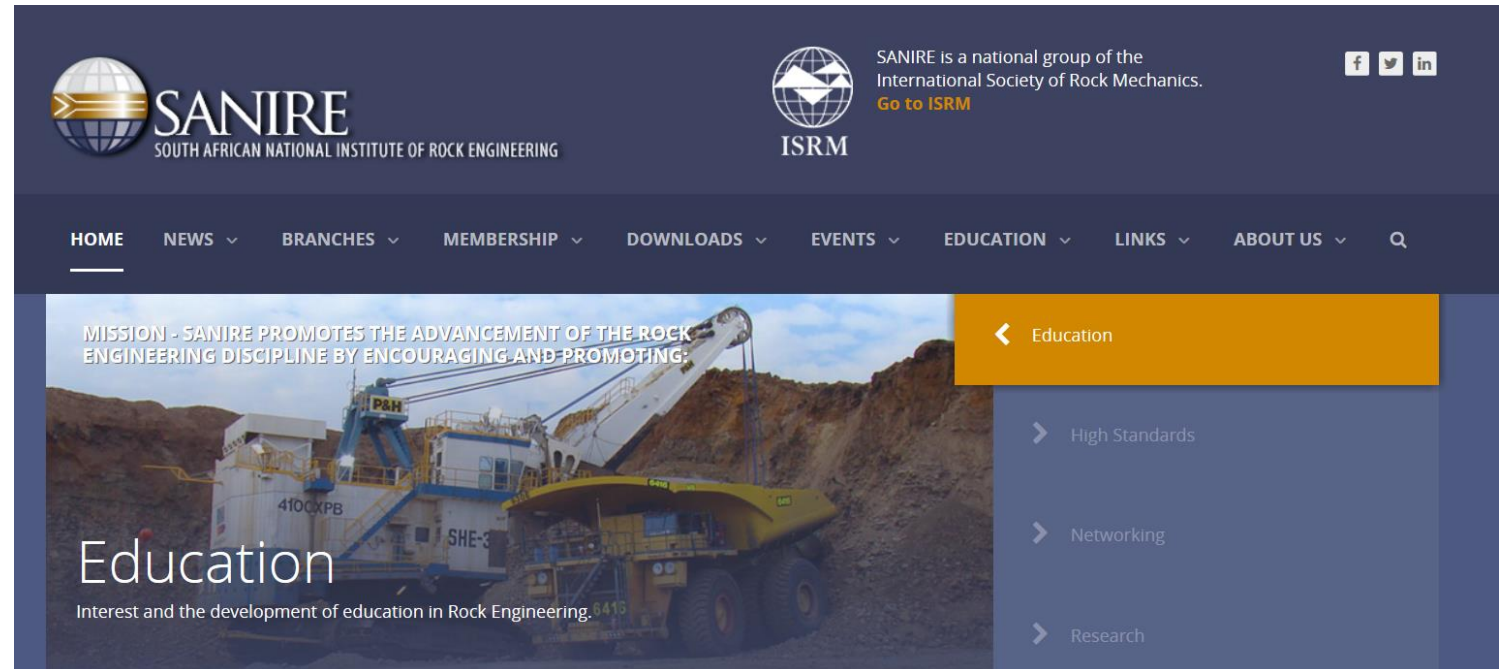
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OF ROCK ENGINEERING

Social Media, Newsletter



Social Media

- Facebook (MPAS)
- LinkedIn (MPAS)
- Website - www.sanire.co.za (MPAS)



Newsletter

ROCKtalk

VOLUME 6, ISSUE 1 JULY 2020

President's Corner

2019 Countdown 3.....2.....1..... happy new year!!!!!!

On 1 January 2020, all of us were too happy to put another year behind us and have a brand new canvas available for the next chapter in our lives. We all had huge hopes for 2020, until Covid-19 decided to raise its hand and turn what we would consider the norm into a world of uncertainty and change.



Paul and Stacey Couto

I am not going to dwell on Covid-19, as we are all awash with information and status updates about the virus. It has consumed our lives and thoughts, for obvious reasons.

There are numerous conspiracy theories that are floating around the world at this stage about the virus, but the one that stands out the most is the fact that Covid-19 is going to reset the world. Someone just clicked the "restart" button.

In times of change, humans have always managed to survive. The key to survival is the ability and willingness to accept the change. South Africans have survived numerous challenges over the past decades, yet we always seem to come out successful at the end. A recent example that I am sure everyone can relate to was our Springbok rugby team's winning the Rugby World Cup last year, after a terrible run-up to the World Cup, with losses to the rugby minnows.

SANIRE members, the time has come again for us as South Africans to rise above and draw every little positive out of the current situation.

ISRM News

Rocking the Virus lecture

29th ISRM online lecture by Prof. Francois Malan

For the 29th ISRM Online Lecture the ISRM invited Professor Francois Malan, from the University of Pretoria, South Africa. The title of the lecture was "Rockburst support in shallow-dipping tabular stopes at great depth", also referred to by Prof. Malan as the "Virus" lecture.



Prof. Francois Malan

The lecture was broadcast on 30 March, and will remain available in the online lectures page of the ISRM.

Prof. Malan started his geotechnical career in 1993 and spent the next 11 years at the Chamber of Mines Research Organisation (later CSIR Miningtek). There he conducted research on rock mass behaviour in deep tabular mines. His particular interest during this period was the time-dependent behaviour of hard rock and he used this as topic for his PhD thesis. In 2004 he joined Groundwork Consulting and worked on pillar designs and layout problems in the South African platinum industry, geotechnical problems in the deep gold mines and instrumentation development for geotechnical applications. In 2011, he joined the gold mining industry and was appointed as Senior Consultant Rock Engineering of Gold Fields South Africa. These mines were taken over by Sibanye Stillwater in 2013 and he remained with Sibanye Stillwater. In 2018, he joined the University of Pretoria as Associate Professor.

Over the years, he has received various awards for his contributions to rock engineering. These include five gold and silver medals from the South African Institute of Mining and Metallurgy and three Salomon awards from the South African National Institute of Rock Engineering for best publications. The ISRM awarded him the Rocha Medal in 2011 and in 2017 he presented the Franklin Lecture at the AfriRock Symposium in Cape Town. One of his PhD students, Dr Michael du Plessis, was also awarded the Rocha Medal in 2018. Prof. Malan has authored or co-authored over 81 technical papers on rock engineering and he delivered 7 invited keynote addresses at national and international conferences.

Between 2007 and 2011, Prof Malan served as ISRM Vice-President for Africa. Prior to this, he was also the President of the South African National Institute of Rock Engineering for 2003 to 2005. Prof Malan is a Fellow of the South African Institute of Mining and Metallurgy, a Fellow of the South African National Institute of Rock Engineering and a member of the Society of Mining Professors. He acts as a reviewer for several rock engineering journals and is a member of the publications committee of the SAIMM Journal.

RDC



Reutech Digital Compass

Instantaneous Measurement

Measure Dip, Dip Direction, or Dip Strike with a single button press at any angle or orientation using the Reutech Digital Compass (RDC). This handheld device enables quick and easy measurement of geological features, and uniquely tagged measurements are stored on the unit for convenient transfer to PC via Bluetooth as and when required.

For more information contact
rrs.marketing@reutech.co.za

REUTECH

MINING



Organisation Liaison



MOSH/COPA

- All MOSH/COPA workshops have been cancelled until further notice due to Covid-19.
- Virtual meeting on the 29th September 2020 is scheduled.
- Question regarding Post-Adoption-Monitoring of COPA's Leading Practice initiatives tabled at the 12-Feb Council meeting:
- Post Adoption Monitoring was trialed in 2017. Requests were sent to approximately 200 mines yielding 24 responses...



MQA

- Occupational profiles for SC and RE professions:
- Final outcome:
 - Use Annex. B of the CoP guidelines drafted in 2016 by the DMRE (Ref. DME 7/4/118 AB4, yet to be gazetted)



Rockburst Task Team

- Last meeting: 1 July 2020
 - No minutes of 13/11/2019 meeting
 - Safety performance: 23 to date, 11 FOG (incl. 4 seismic)
 - No clarity on chair and on Rf / Rb Sub-Task Team leaders
- Seismicity and Rockfall Ad hoc committee established
 - Active from April 2020
 - MHSC, CGS, MINCOSA, DMRE involved



Mine Seismology

- CGS seismic data analysis from 4 May (as gazetted for Covid-19 Lockdown Level 4)
 - Weekly upload of data and analysis reporting to Minister
 - Reporting on Mmax and Mmin, event frequency and trends
 - Activity in- and decreases per region – reason?
 - Q: What is the purpose of this initiative?



SAICE – Geotechnical Division

- Online lectures are published on a YouTube channel, with a two part lecture on Site Investigations
 - https://www.youtube.com/channel/UCZelzYmgXIXSsed_pXWvEUg
- Propose a 2021 Symposium on failures, have requested one or two mining examples
- Next YGE will be in 2022
- TC107 - Tropical soils - International working group, Any members that could contribute?
- SANS 51997-1-1-1:2019
SOUTH AFRICAN NATIONAL STANDARD
National Annex to Eurocode 7:
Geotechnical design

SAIEG

- March 2021 Slope Stability Symposium
 - Day 1 Civil Slope Stability
 - Day 2 Mining Slope Stability
 - Admin and arrangements organized by SAIEG Conference organizers
 - Abstracts and presentations, no papers
 - Full CPD Points
 - Considering on-line option
 - Request to have a focus on the geological aspects
 - Expect 30 SAIEG participants based on past events
 - Propose a 50/50 profit share
 - Last slope stability symposium – 2015



SAIEG

Time	Presenter	Theme (talk titles to come)	Status
Day 1			
08h00 – 08h50	Peter Terbrugge	Opening & Key note	Confirmed
09h00 – 09h50	Phil Page Green	Climate Change and slope stability: lessons learned in Cape Verde applied to SA	Confirmed
09h50 – 10h10	Morning tea		
10h10 – 11h00	Dr GV Price	Theoretical aspects of the new TMH 21 DER rapid slope stability assessment system and Coto Specs applicable to slope stability	Confirmed
11h10 -12h10	Trevor Pape	Case studies of SANRAL Road cuttings & embankments in Western Cape	Confirmed
12h10 – 13h00	Lunch		
13h00 – 13h50	Willem Meintjies	CFG Regional mapping & slope stability assessment in KZN Province	Confirmed
14h00 – 14h50	Rory Bush	Innovations in orientated slope and face mapping & stability assessment using photogrammetry (Big data)	Confirmed
14h50 – 15h10	Afternoon tea		
15h10 – 16h00	Dr Louise Vick & Stratis Karantanellis	IAEG YEG & slope stability?	To be confirmed
16h10 – 17h00	Case Studies (20 min sessions)	(1) Dr Robert Leyland: Slope stability litigation in Camps Bay (2) Monique Wainstein: Slope stability Kaaimans Pass on the N2 at around km 35 (3) Dr Goodman Chiliza: Back analysis of an ancient rockslide at lake Fundudzi, Limpopo Province	Confirmed
17h30 – 19h00	SAIEG AGM		
19h00 - late	Event dinner		



MPAS Research and Development Committee

- Proposal was made to the Minerals Council for a collaboration of associations to put forward research proposals and projects through MPAS.
- The committee will consist of Association Presidents.
- Immediately permission was granted for MPAS RDC to occupy a seat on the MinCoSA ITeam platform with mining executives in September 2020.
- More feedback will be given in the future.



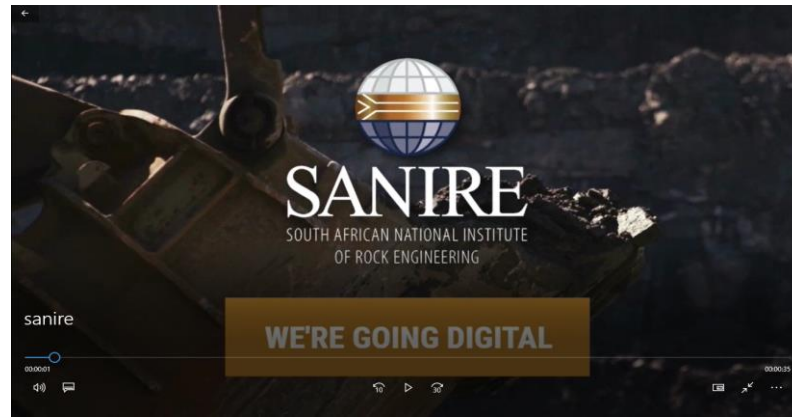


Events and Sponsorship



Events

- All events were cancelled for 2020 based on the current world COVID 19 pandemic as well as the restrictions and regulations imposed by the government.
- Webinars and virtual platforms have been implemented to still attempt at serving the members with the latest developments in industry as well as the continuing with the educational advances and qualifications.



Events 2019



14th August 2019

SANIRE EDUCATION WORKSHOP

Venue – Sibanye Stillwater Training Centre (Westonaria)

09H00 – 15H00



2nd SANIRE Rockburst WORKSHOP

Venue - Sibanye Stillwater Training Centre (Westonaria)

Date - 8 November 2019, 8H00 – 13H00

 **SANIRE**
SOUTH AFRICAN NATIONAL INSTITUTE
OF ROCK ENGINEERING

INVITATION
THE PRESIDENT AND COUNCIL OF THE
SOUTH AFRICAN NATIONAL INSTITUTE OF ROCK ENGINEERING
CORDIALLY INVITE MEMBERS TO ATTEND THE
ANNUAL GENERAL MEETING 2019

DATE: FRIDAY, 6 SEPTEMBER 2019
VENUE: BIRCHWOOD CONFERENCE CENTRE, BOKSBURG
TIME: 13:00 FOR 13:30 - 15:30
RSVP: BEFORE 30 AUGUST 2019,
TO RAYMOND VAN DER BERG AT Info@sanire.co.za

**BIRCHWOOD
CONFERENCE CENTRE**
14 VIEW POINT RD,
BARDENE,
BOKSBURG, 1456
TEL: 011 897 0000

**GOOGLE MAPS
QUICK LINK**
-26.175525, 28.248329

SANIRE Banquet 2019



SANIRE Banquet 2019



Rockburst Workshop 2020

- www.sanire.co.za/sanire-documents/proceedings/2nd-rockburst-workshop



Webinars 2020

**SANIRE**
SOUTH AFRICAN NATIONAL INSTITUTE OF ROCK ENGINEERING

RADAR WEBINAR

10 JULY 2020

TIME: 13h00 - 15h00 | MICROSOFT TEAMS

ABOUT THE LECTURE

Radar technology in the mining industry has become integral not only for the monitoring of open pit slopes using real aperture radar (RAR) or multiple-input multiple-output (MIMO) techniques, but also the utilisation of ground penetrating radar for the detection of discontinuities in underground openings. Reutech Mining will provide an overview of basic radar principals and the application of these technologies to the mining environment. The talk will include an overview of select case studies illustrating advanced assessment techniques of data captured in different geotechnical settings

ABOUT THE SPEAKERS



SHARLA COETSEE
Sharla is a qualified geologist who has focused on the field of engineering geology since 2009. Her involvement in mining projects has included early phase geological exploration as well as concept level to full design and construction for open-pit mines. She has also provided specialist geotechnical and monitoring services for both open-pit and underground operations. Sharla is now focussing on radar applications for pit slope monitoring.



PIETER-JAN WOLFAARDT
Pieter-Jan earned the B.Eng. and M.Eng. degrees from the University of Stellenbosch. He was a founding member of Reutech Radar Systems in 1987 and has played key roles in several radar development programmes at Reutech. These include Hexagon (Strelitzia), Lepped, Blokkop and the MSR and RSR210 systems. He was the System Engineer for the Kameelperd mobile surveillance radar which after 20 years is a mainstay of the DBRXL system. He came up with the unconventional cost-saving concepts of the DBRXL radar which have found their way into several new 3D radars currently under development. He currently holds the post of Technology Executive responsible for radar architecture and signal processing at Reutech Radar Systems.



WERNER STEYN
Werner was born in Pretoria in 1972. He received his B. Eng, MSc. Eng and Ph D from the University of Stellenbosch, the latter of which was in 2001. After a brief stint at Electronic Development House in Stellenbosch, he joined Reutech Radar Systems as a design engineer where he has been for the past 17 years. Current interests include Radar architectures, antenna solutions including new technologies and manufacturing techniques and RF and Micro-wave components.

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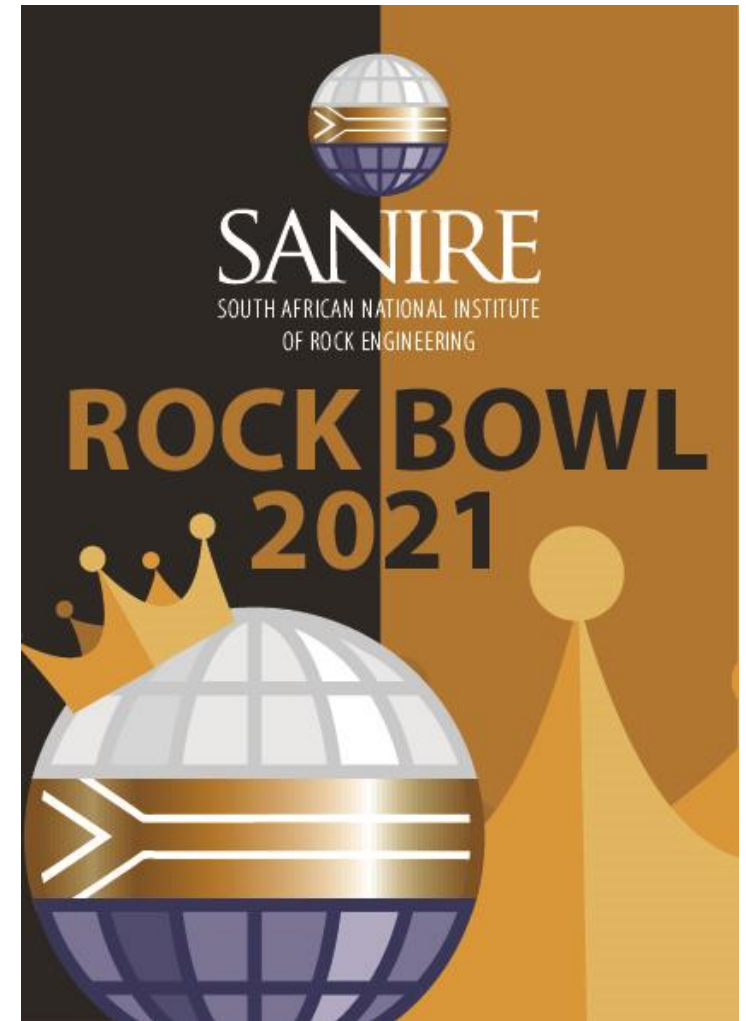
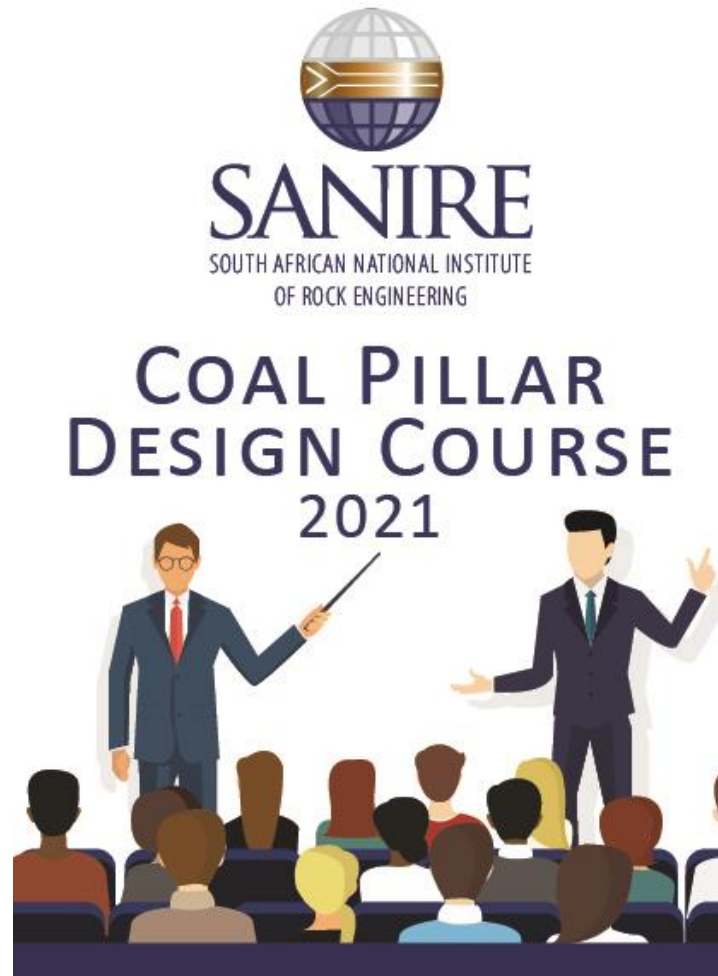
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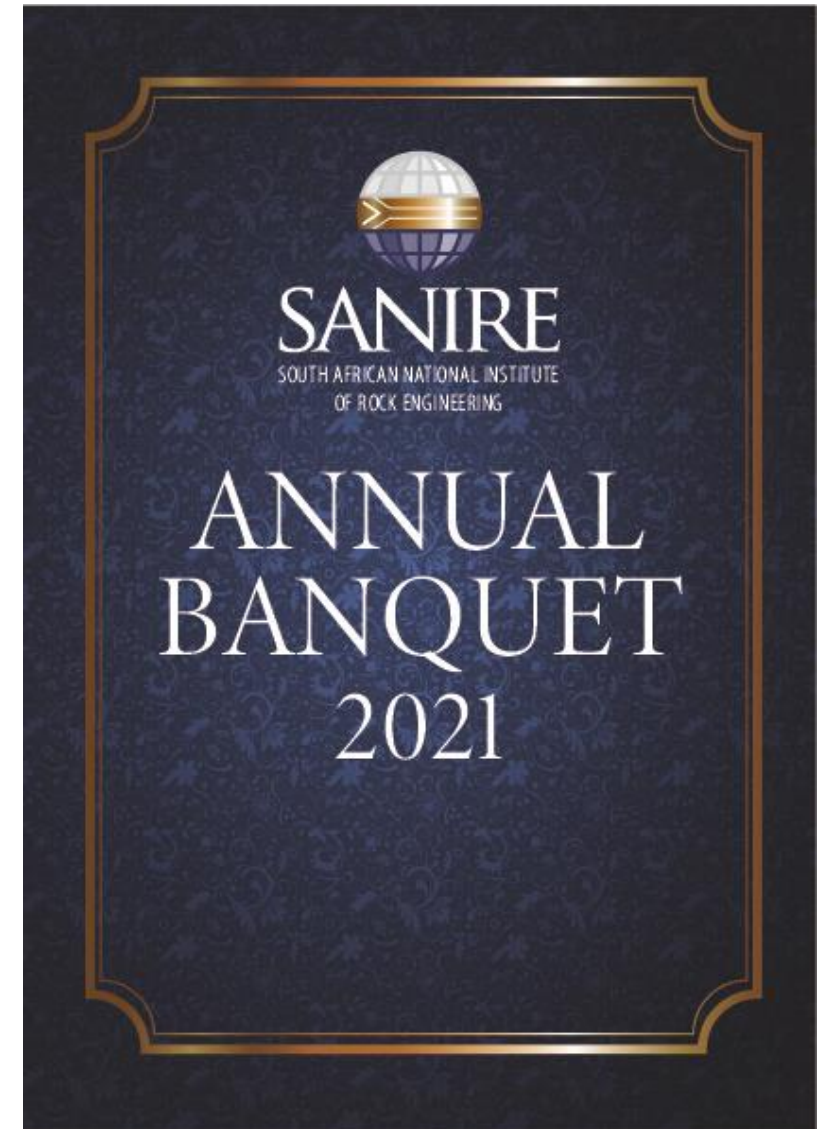
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