

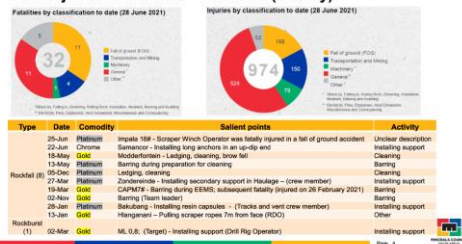
NOTES FOR THE RECORD

SANIRE BOSBERAAD MEETING, 24 July 2020, MICROSOFT TEAMS

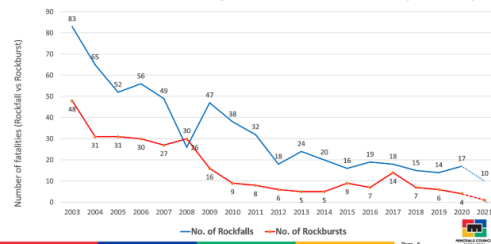
Present:	L Prinsloo – Vice President - President (LP) A Cooper (AC) S Mashile (SC) K Le Bron (KB) O Rakumakoe (OG) Z Thebethe (ZE)	P Couto (PC) T Gcuda (G) M du Plessis (MdP) R Phadagi (RP) J Maritz (JM) P Wessels (PW)
Apologies:	J le Roux (JR)	C Smith (CS)
In Attendance:	M Buthelezi (MPAS)	R van der Berg (MPAS Manager)

ITEM	SUBJECT	RESPONSIBLE PERSON
1.	WELCOME The President welcomed members present and thanked members for attending the meeting. The President advised members that the purpose of the meeting is to align the new SANIRE Council's vision for the next tenure 2021-2023 and to discuss items of concern. The President stated that the role of a SANIRE Council member is both an unforgiving but rewarding job and that the position is one that comes with responsibility and accountability. The President welcomed all members to the "Journey of SANIRE 2021-2023" and requested the Councils to check in to the meeting. Apologies were noted for members not present. It was noted that the industry has lost a number of people due to Covid-19. The President shared the industry background slides on Fall of Ground injuries and Fatalities charts. 11 Fall of ground to date in the industry, majority being from the installation support and barring activities. - CEO Forum is under discussion and has proposed a fall of ground action plan document on how to reduce these fall of ground fatalities in the industry. - Initiatives to be driven going forward to make sure the graph goes down and get to Zero.	LP

FOG Injuries & fatalities – 2021YTD (12 July)

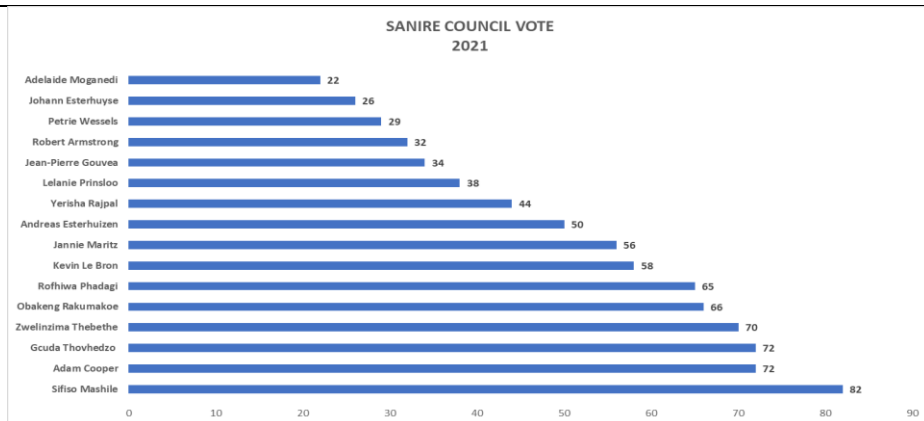


FOG Rockfall vs Rock burst injuries and fatalities over time (2003-2021)



2.		MATTERS ARISING FROM PREVIOUS MINUTES	
		The minutes of the previous Council minutes on the 17 th of June 2021 were tabled and approved with minor changes.	
4.		BOSBERAAD AGENDA	
4.1		CONSTITUTION	
		<i>The President informed members that the SANIRE Code of Conduct should be discussed as new SANIRE Council Members are elected and in office as well as to remind the members of their duties and responsibilities.</i> <i>The key objectives of the Institute are:</i> 1.4.1 to identify the needs of its members; 1.4.2 to represent and promote the interests of its members; 1.4.3 to maintain the affiliation of SANIRE with the International Society for Rock Mechanics (ISRM). 1.4.4 to encourage, initiate and give effect to the means whereby the requirements for technology and scientific knowledge of the rock engineering sector of the South African mining, petroleum and civil engineering industries are satisfied; 1.4.5 to promote high standards of professional practice. <i>The SANIRE Constitution was last reviewed in 2020 and was presented at the Annual General Meeting and the following significant changes were made:</i> 2.1 The Institute shall consist of corporate and non-corporate members, all of whom shall be entitled to participate in all meetings of the Institute and all members shall be entitled to vote. 2.13 The Council shall issue to every member a certificate showing the category to which he/she has been elected. Such certificates shall be valid for one year and will be re-issued upon renewal of membership. 3.2.8 Chairpersons of branches shall have a permanent seat and vote on council. ➤ It was discussed if an individual that is both an ordinary member of Council and the Branch Chairperson should cast two (2) votes or one (1) vote? - Mr. R van der Berg noted that in other Associations a Branch Chairperson cannot also be a Council member, if elected on Council they should thus give up the Branch Chairman seat. - All Branch Chairperson should serve for two years which is the same timeline in Council. - Mr. P Couto requested that Councils must be cautious not to take up too many roles as Members also don't want to see one person taking decisions over lot of things which could seem unfair and reiterated to all new council members that SANIRE Council takes up a lot of your personal and private time. - It was agreed that we do not limit to one (1) vote at this stage, but two (2) votes can be granted because of the grey area and one (1) vote going forward after reviewal of the SANIRE Constitution which is approved by the members at the AGM. - It was discussed that Council must set up a meeting and go through the SANIRE Constitution point by point to review if it still stands today or needs to change. 4.13.1. Electronic voting 9.1.3 Any member accepting a nomination as a council member must commit to be present at 66% (2/3) of council meetings, either in person or through a virtual meeting platform. <i>All deliberations, decisions and actions of the council members are in line with the institute's Code of Conduct.</i> <i>The President highlighted the Duties of Council:</i> 10. The council meets as often as the business of the Institute requires. At meetings of the council, at least one half (a minimum of five) of the executive council members forms a quorum and all matters are decided by the vote of the majority, except as provided in Clause 5.2.5. Should the council members present at such meeting wish to obtain greater consensus before such vote is taken, a decision on any subject may at the desire of any three members present be postponed until the succeeding meeting, and then decided by the majority; a notice of the question thus postponed must be given in the notice calling the meeting. <i>The President requested that all members of Council familiarise themselves with the Code of Conduct and reminded Council that they were elected by the members and therefore must adhere to the code at all times.</i> All Council members present agreed to uphold the SANIRE Code of Conduct.	

	<i>“CODE OF CONDUCT”</i> <i>Members of the South African National Institute of Rock Engineering, in carrying out his/her profession, shall:</i> <i>Have due regard to public safety, health and the environment in general;</i> <i>Order his/her conduct so as to build and uphold the dignity, professional standing and reputation of the rock engineering profession;</i> <i>Discharge his/her duties to his/her client, customer or employer in an efficient and competent manner with complete integrity, fidelity and honesty;</i> <i>Not advertise his/her professional services in a self-laudatory manner or in a manner that is derogatory to the rock engineering profession;</i> <i>Not, maliciously or recklessly injure, either directly or indirectly, the professional reputation, prospects or business of any other member;</i> <i>Disclose to his/her client or employer any substantial interest he/she may have in any company, firm or person carrying out consulting manufacturing or contracting business which is or may be related to the work for which they are employed, as well as particulars of any royalties accruing to him/her from any article or process used in or for the purpose of the work in respect of which he/she is employed;</i> <i>Not undertake or offer to undertake rock engineering work of a nature for which his/her education, training and experience have not rendered him/her competent to perform;</i> <i>Provide work or services of a quality and scope and to a level which is commensurate with accepted industry standards and practices in the profession.”</i>	
SANIRE VISION, VALUES and MISSION		
	The President took the SANIRE Council through the SANIRE Vision, Values and Mission Vision: To actively promote the South African Rock Engineering Profession Values: - Honesty - Integrity - Professionalism - Accountability - Transparency Mission: SANIRE promotes the advancement of the Rock Engineering discipline by encouraging and promoting: - Interest and the development of education in Rock Engineering - Professional practice and high ethical standards - Networking, collaboration and information exchange - Research areas All Council members present agreed to uphold the Vision, Values and Mission of SANIRE.	
4.2	NEW COUNCIL ELECTION AND PORTFOLIOS	
	The President thanked the immediate past President Mr. P Couto for his excellent Presidency and how he stood up for SANIRE’s name no matter how hard it was. The President informed members that as per constitution the process was adhered to and Council election was as follows:	



The following persons were therefore noted to have received the majority votes:

1. Sifiso Mashile 82 votes
2. Adam Cooper 72 votes
3. Gcuda Thovhedzo 72 votes
4. Zwelinzima Thebethe 70 votes
5. Obakeng Rakumakoe 66 votes
6. Rofhiwa Phadagi 65 votes
7. Kevin Le Bron 58 votes

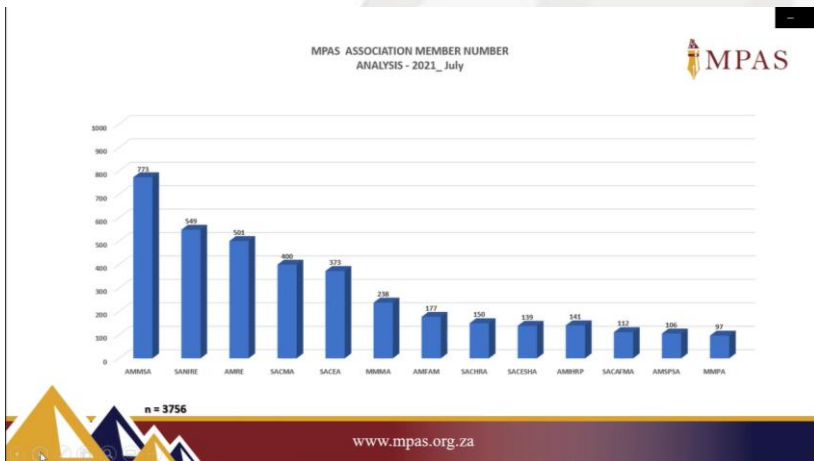
- The President confirmed that Election results were audited and scrutinized by a third party (the Mines Professional Association Secretariat).
- MPAS declared the votes as free and fair.

The President informed members that prior to the announcement of roles she contacted each member to explain and discuss what their proposed role entails.

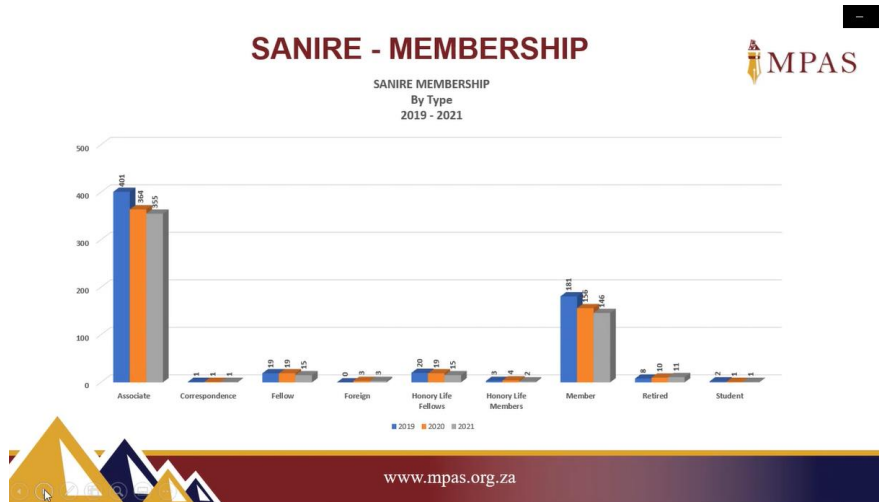
The President introduced the Portfolio holders as follows:

Portfolio	Portfolio Holder
President / Events and Sponsorship	Lizelle Prinsloo
Past President	Paul Couto
Vice President	Kevin Le Bron
Treasurer	Sifiso Mashile
Administrator / Events	Mbalenhle Buthelezi
Membership and Young Members	Zwelinzima Thebethe
Social media, Newsletter, Awards	Thovhedzo Gcuda
Education, Exams Committee and Best Performance Awards	Adam Cooper
Future Education	Jannie Maritz (Co opted)
MincoSA Exams	Adam Cooper
Rock Engineering Practical Exams	Kevin le Bron
Strata Control Officer Practical Exams	Rofhiwa Phadagi
ISRM/ RETC/ MRAC	Dr. Michael Du Plessis
Organisational Liaison	
SAIEG, SANCOT, SAIMM, GSSA	Obakeng Ramukakoe
MHSC, RBTT, Seismicity, MoshCOPA	

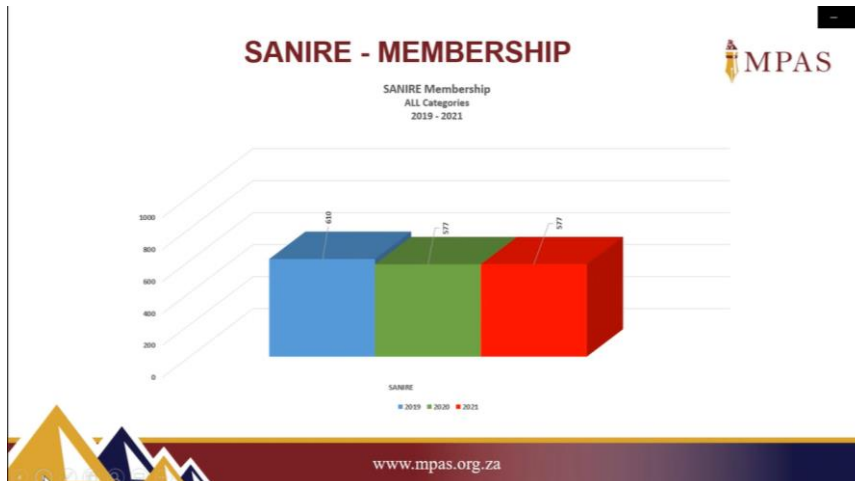
- The President requested as directed by the Constitution that she would like to propose that Mr. J Maritz be co-opted to Council as per below constitution clause:
12.5 clause: Should the nomination list for the members to be elected to the committee not include the names of as many members as are required to fill the vacancies on the committee, the new committee is empowered to co-opt members to complete the list and the members nominated will be declared elected at the branch annual general meeting.
 - All members present were in agreement and the 12 Councils present voted for Mr. J Maritz to be co-opted.

	- The President advised as per Clause 3.4 that an Honorary Treasurer is to be elected and the President (L Prinsloo) nominated Mr. S Mashile for election. - Members present confirmed nomination and election of Mr. S Mashile to the role of Treasurer. - The President presented the three (3) nominations received for the Vice-President and requested each candidate to give a brief reason why they would be suitable for the position: - Kevin le Bron - Adam Cooper - Rofhiwa Phadagi -withdrew his candidacy for the position. - Members discussed and agreed that the nomination and election of Mr. K Le Bron to the role of Vice-President is acceptable and congratulated Kevin. Survey Monkey was used for the voting process by the Councils present. Mr. M. Du Plessis noted that it is important that when looking at portfolios, Council must look at the handover process for those portfolios in the future roles and shadow people in.	
4.3	ADMINISTRATION PORTFOLIO	MB
	Mr. R. van der Berg gave a presentation to members on MPAS He highlighted the following: Mission statement Objectives MPAS Presidents Council Governing Body Secretarial Services Membership Financial Publication Seminars, Workshops, Congresses, Symposia Presidential Visits and Functions MPAS Association Member Number Analysis – 2021 July  ➤ SANIRE is the second (2nd) biggest with 549 active members	RVDB

SANIRE – MEMBERSHIP by type 2019-2021



SANIRE – MEMBERSHIP 2019-2021



The President thanked MPAS for assistance with management of items and stated that SANIRE is looking forward to the continued assistance and management.

4.4 MEMBERSHIP AND YOUNG MEMBERS

ZT

The President noted that the Membership and young members portfolio will be lead by Mr Zwelinzima Thebethe.

- 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.
- Membership certificates are issued to paid-up members.

Re-admission of Membership

Mr. T. Rangasamy, Managing Director of Middindi Consulting

- A letter was sent to Mr.T. Rangasamy to submit a written motivation for re-admission for consideration by Council. The following feedback was received:

“Many thanks for the official letter regarding reinstating my membership with SANIRE. The communication is appreciated. My response to Section 2.16 is stated below the quoted clause:

Section 2.16:

"A member may resign from the Institute by sending his/her written resignation to the administrator, together with payment of any moneys due. Any person who has so resigned may be re-admitted to membership at the discretion of the council upon written application and payment of such fees as the council may decide."

I, Thagarajh Rangasamy, after much deliberation, have reconsidered my resignation as a Fellow of SANIRE and under Section 2.16 would appreciate SANIRE reconsidering the reinstating of my membership within the same category of Fellow. The motivation for reinstatement is as follows:

- I have been a member of SANGORM/SANIRE collectively for 27 years
- I have been a Fellow of SANIRE for +/- 5 years (SANIRE can validate the time through its records)
- I have served as Treasury of SANIRE for 4 years
- I have been an examiner for the COM written exams for 8 years and served on the exams committee
- I was a principle participant for drafting the COM learning material which is used to this day to attain the COM requisite qualifications
- I was a technical reference group member of the MQA responsible for developing unit standards and qualifications related to rock engineering. This role was fulfilled for 5 years
- I am a member of RETAC representing platinum group metals
- I have not breached the Code of Conduct of SANIRE for the 27 years I have been part of this fraternity
- I employ +/- 17 young and aspiring rock engineers to whom my reinstatement will provide professional meaning and value
- I have a MSc (Eng), GDE (Rock Eng), Advanced and COM Cert in Rock Engineering, the registration numbers of which is listed on the SANIRE website
- I was voted practitioner of the year by SANIRE about 21 years ago
- I have tried to add value to the discipline at large through the issue of 31 publications and 3 handbooks
- I continue to develop young aspiring rock engineers in a field I have spent more than half of my life

Many thanks Mr Thebethe, for the diplomatic and balanced formal communication. I wish the new council members well in furthering our endeavours within a challenging discipline. "

Council discussed the above response and the following was noted:

- The actual behaviour of Mr. T. Rangasamy involving other people in the industry in a statement that could be defamatory and detrimental to the current SANIRE members.
- It was noted that Mr. T. Rangasamy breached the SANIRE code of conduct point number two (2) "Order his/her conduct so as to build and uphold the dignity, professional standing and reputation of the rock engineering profession;" and point number five (5) "Not, maliciously or recklessly injure, either directly or indirectly, the professional reputation, prospects or business of any other member;"
- Mr. P. Wessels noted that the Constitution is not clear in terms of a member resigning as a Fellow and when the member comes back and reapply do they go back to that grade or start from the beginning and follows the procedure again.

It was then requested that Council votes on the re-application of Mr. T. Rangasamy and majority votes agreed with re-instating Mr. T. Rangasamy membership as a Fellow.

Mr.K. Le Bron applied for SANIRE Fellow

- 25 years s member of SANIRE
- Obtained his Rock mechanics certificate in 1996
- Is an Examiner
- Correctly serves on Council
- Made meaningful contribution globally and in different commodities in the Rock Engineering profession.
- All members present were in agreement and the 12 Councils present voted yes for Mr. K Le Bron.
 - All members present were in agreement with the membership upgrade and congratulated Mr. K. Le Bron.

Membership Survey:

The President suggested that Council conducts a survey to members with a few questions of what their experience is with SANIRE, any suggestions and feedback they would like to communicate.

Identification of Engineering Work Regulations:

Mr. Z. Thebethe reported on the following for Council's engagement and decision on a way forward:

- ECSA's Engineering Profession Act of 2000
- Section 26 of EPA
- (3) A person who is not registered in terms of this Act, may not:
 - (a) perform any kind of work identified for any category of registered persons.
 - (b) pretend to be, or in any manner hold or allow himself or herself to be held out as a person registered in terms of this Act.
 - (c) use the name of any registered person or any name or title referred to in section 18 or 21
 - (J) perform any act indicating, or calculated to lead persons to believe, that he or she is registered in terms of this Act.

Core Competencies required to perform identified engineering work:

4 (b) Be registered by ECSA in the appropriate category applicable to the level of service performed.

IDENTIFIED ENGINEERING WORK IN MINING ENGINEERING DISCIPLINE

14 (1) The core services in the mining engineering discipline consist of the analysis, planning, design and development, manufacture, construction, management, operation, maintenance and rehabilitation of works for the extraction of minerals from natural deposits on the earth's surface underground or under water through the application of mining engineering science.

(2) The core services in the mining engineering discipline are performed in the following practice areas:

- (a) Conducting fundamental or operational research and advising on occupational health and safety and environmentally responsible mineral excavation methodology, processes and systems.
- (b) designing and specifying mineral excavation processes, application of mining resources and mining technical support services required, occupational health, safety and environmental considerations and quality assurance.
- (c) establish production and operational control standards and procedures to ensure compliance with legislation and site-specific requirements.
- (d) manage occupational health, safety and environmentally related hazards and accompanying risks.
- (e) performing tests throughout the life-cycle stages and mineral excavation processes to determine the degree of control over variables identified during the strategic and tactical mine design and planning processes.
- (f) develop appropriate site-specific risk management policies, procedures and standards.
- (k) education and training of candidate mining engineering practitioners.

TRANSITIONAL PROVISIONS

27 (1) Any person who is not registered in terms of the Engineering Profession Act, and who is required to be registered as a professional or in a specified category in terms of this Notice must, within 36 months of the date on which this Notice comes into operation, apply for registration according to the programme contemplated in sub-item.

How Regulations Affect Members:

- Titles used by Practitioners going forward, legality of referring to unregistered members as Engineers?
- Registration of members with ECSA.
- Category of members with COMREC, engage ECSA to find solution within 36 months.

Council was in agreement with the above presentation from Mr.Z. Thebethe.

President suggested that Mr.Z. Thebethe and Mr.J. Maritz collaborate on this issue and start the engagement with ECSA.

4.5	TREASURY PORTFOLIO	LP / SM																																												
The President reported on the following:																																														
SANIRE Financial Status																																														
Members were advised that the																																														
❖ Current account balance is R493 745.54 ❖ Investment account balance is: R1 054 804.93 (Ave. interest of R3550 pm)																																														
<table><tr><th>Month</th><th>Current Account</th><th>Variance</th><th>MPAS fee</th><th>Comments</th></tr><tr><td>June 2021</td><td>R493 745</td><td>R95 887.54</td><td>R43 455.69</td><td>Slope Stability income of R128 197.50 Global membership invoices</td></tr><tr><td>May 2021</td><td>R397 858</td><td>-R33 344</td><td>R41 466.41</td><td>Slope Stability Payment R33 500 (expecting a R100k income) Freevaal Branch meeting</td></tr><tr><td>April 2021</td><td>R431 202</td><td>R29 475</td><td>R45 222.06</td><td>Membership fees and Exam fees</td></tr><tr><td>March 2021</td><td>R401 727</td><td>R119 344</td><td>R43 353.14</td><td>SANIRE Free State (R84 000) SCO Practical Sertiti Coal (R27 704 to be refunded)</td></tr><tr><td>Feb 2021</td><td>R282 383</td><td>-R14 693</td><td>R45 402.05</td><td>MPAS admin fees</td></tr><tr><td>Jan 2021</td><td>R297 076</td><td>-R33 607</td><td>R47 419.73</td><td>MPAS admin fees</td></tr></table>			Month	Current Account	Variance	MPAS fee	Comments	June 2021	R493 745	R95 887.54	R43 455.69	Slope Stability income of R128 197.50 Global membership invoices	May 2021	R397 858	-R33 344	R41 466.41	Slope Stability Payment R33 500 (expecting a R100k income) Freevaal Branch meeting	April 2021	R431 202	R29 475	R45 222.06	Membership fees and Exam fees	March 2021	R401 727	R119 344	R43 353.14	SANIRE Free State (R84 000) SCO Practical Sertiti Coal (R27 704 to be refunded)	Feb 2021	R282 383	-R14 693	R45 402.05	MPAS admin fees	Jan 2021	R297 076	-R33 607	R47 419.73	MPAS admin fees									
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❖ Current Account: • R62 264.18 (June 2019) to R493 745.54 (July 2021) • 88% increase in 2 years ❖ Investment Account: • R678 682.49 (June 2019) to R1 054 804.93 (July 2021) • 36% increase in 2 years																																														
SANIRE Membership Subscription																																														
❖ Members were informed that 14% more money earned than budgeted for -R437 000 were recovered in 2020 / 2021. ❖ 95% recovery was achieved compared to the 85% recovery anticipated. ❖ SANIRE still remains the lowest membership fee for a professional association in RSA.																																														
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TOTAL MEMBERS:	667		R 445 060																																											
85% R 378 301																																														
Membership fee increase:																																														
Council discussed the below in membership increase:																																														

CATEGORY	Jul-21	Current Membership Fee (R)	Income from Member fees (No increase)	5% Increase' Membership Fee (R)	5% Increase' Income from Membership Fees	10% Increase' Membership Fee (R)	10% Increase' Income from Membership Fees
Associate Members	403	650	R 261 950	683	R 275 048	715	R 288 145
Members	159	800	R 127 200	840	R 133 560	880	R 139 920
Fellow Members	18	920	R 16 560	966	R 17 388	1 012	R 18 216
Retired Members	11	260	R 2 860	273	R 3 003	286	R 3 146
Correspondence Members	1	880	R 880	924	R 924	968	R 968
Honorary Life Members	2	0	R -	0	R -	-	R -
Honorary Life Fellow Members	15	0	R -	0	R -	-	R -
Foreign	3	880	R 2 640	924	R 2 772	968	R 2 904
Student Members	1	0	R -	0	R -	-	R -
TOTAL MEMBERS:	613		R 412 090		R 432 695		R 453 299
			90% R 370 881		R 389 425		R 407 969

LOAST MEMBERS:	612	R 261 124	R 260 847	R 400 221	R 404 200	R 403 000
Associate Members	1	0	0	0	0	0
Members	159	800	127 200	840	133 560	139 920
Fellow Members	18	920	16 560	966	17 388	18 216
Retired Members	11	260	2 860	273	3 003	3 146
Correspondence Members	1	880	880	924	924	968
Honorary Life Members	2	0	0	0	0	0
Honorary Life Fellow Members	15	0	0	0	0	0
Foreign	3	880	2 640	924	2 772	2 904
Student Members	1	0	0	0	0	0
TOTAL MEMBERS:	613		R 412 090		R 432 695	R 453 299

CATEGORY	Aug-20	CPI Incr	Income from member fees	CPI Incr	Income from member fees	% Increase
Associate Members	408	650	R 265 200	700	R 285 600	7.1%
Members	159	800	R 127 200	850	R 135 150	5.9%
Fellow Members	18	920	R 16 560	920	R 16 560	0.0%
Retired Members	11	260	R 2 860	280	R 3 080	7.1%
Correspondence Members	1	880	R 880	920	R 920	4.3%
Honorary Life Members	2	0	R -	0	R -	
Honorary Life Fellow Members	15	0	R -	0	R -	
Foreign	3	880	R 2 640	930	R 2 790	5.4%
Student Members	1	0	R -	0	R -	
TOTAL MEMBERS:	618		R 415 340		R 444 100	
			90% R 373 806		90% R 399 690	
					95% R 421 895	

MPAS administration cost

- Is approximately R42 000 for 613 members (R500 000 / month)
- Membership fees will have an approximate R100 000 shortfall to cover the MPAS cost.

Invoicing

- Members discussed the membership subscription fees and confirmed that: Councils voted on option 3 with a percentage increase varies (4 – 7%) and amounts are rounded off.

ISRM Payment

- It was noted that the Invoice was sent to SANIRE based on 518 members. Payment will be made by new treasurer once financials has been handed over.
- ISRM claims that no payment was made in 2019. The treasurer is busy resolving and clarifying this matter.

Payments Process

- It was noted that currently only the treasurer makes payments and thus at times payments are processed late.
- Vote requested from Council
 - Option1: Status quo – only treasurer can make payments
 - Option 2: Allow MPAS to have access to bank account to make payments.
 - Option 3: Stand the vote over
 - What the Constitution says:
 - 3.11 The council shall have the power to appoint an administrator, other officers and employees and to remunerate them. Such administrator, officers and employees shall hold office during the tenure of the council and they shall perform such duties as the council shall set forth in the terms of their appointment.
 - 3.16 All assets and property of the Institute, both movable and immovable, shall be vested in and registered in the name of the Institute. True accounts shall be kept of all moneys received and expended by the Institute and of the assets and liabilities of the Institute. The honorary treasurer shall administer the funds of the Institute in accordance with the direction of the council, to which he/she shall be responsible.

- ❖ It was reported that the first two branch meetings for the year took place already successfully and the next meetings are set for the 20th August and 12th November 2021.
- ❖ SCO Practical examination took place beginning of the year on the 19th March 2021 and the next one planned for the 3rd September 2021.
- ❖ Problem is experienced when it comes to venues hosting the exams and therefore the same mines keep on hosting and it was noted that going forward a rotation system will be followed in order to ensure fairness.
- ❖ It was noted that candidates are sent to write exams but no Examiners are provided.

COALFIELDS

The Branch chairperson Mr. R. Phadagi reported the following:

General:

- ❖ Committee Structure – Unchanged.
- ❖ Financials – R31 019,70 (current balance).
- ❖ Strata Control Practical exams were held in April / May 2021.

Planning:

- ❖ Migration of branch funds to SANIRE National account.
 - Finance procedure need to be clear that; *The administrator and or National Treasury does not have authority to reject any payment which has been approved by the Branch following the procedure*
- ❖ Possible changes to Branch Committee portfolio in the next committee meeting.

EVENTS & EDUCATION:

- ❖ 2 Branch committee meeting were held.
- ❖ Strata Control Practical exams were held in April / May 2021.

PLANNING:

- ❖ Online Branch meeting is planned to take place on the 20th August 2021
- ❖ Second Strata Control Practical Exams will take place in October 2021
 - Continue alternating between Underground and Opencast.
 - Finalise Logbook review.
- ❖ Possible year-end function will take place in November 2021 (Online / Onsite??)

EASTERN BUSHVELD

- ❖ It was reported that the planned site visits were cancelled due to Covid – 19 restrictions.

FREEVAAL BRANCH

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

- On the 21 April 2021 the calendar for the SANIRE Freevaal Branch for the year 2021 were discussed. The following dates were proposed:
 - ❖ 20 May 2021 – Freevaal branch meeting – Parys
 - ❖ 22 July 2021 – Freevaal Mini Symposium – Welkom (Canceled due to COVID - L4)
 - ❖ 23 September 2021 – Freevaal branch meeting
 - ❖ 19 November 2021 – Freevaal year end function – to be confirmed
- Last SANIRE Freevaal Meeting was held on the 20 May 2021 at Parys Golf & Estate and the agenda was as follows:
 - Technical Presentation – OHMS - V Visser :

- “Multi point borehole extensometers and their application”
- Technical Presentation – Goldfields - M du Plessis & JP Gouvea :
- “Evaluating the behavior and performance of mesh based support systems for rockburst conditions in a deep level gold mine”
- Company presentation – NHR - R Clark
- Company presentation – Timrite - P vd Berg
- It was noted that 78 people were in attendance
- Sponsors were NHR; Timrite; LAW; Geobrug; MSP; RSC; Fabchem; MPD

GAUTENG BRANCH

Position	Portfolio	Current Committee
Chairperson	Council leadership and representative to national branch	Craig Smith (Groundwork)
Vice chairperson	Supporting chairperson. Future branch chairperson.	Ross van Heerden (Brentley, Lucas and Associates) – Acting in interim
Treasurer	Branch financials	Craig Smith (Groundwork) – Acting in interim
Secretary	Branch membership and contact details, council meeting minutes, event flyers, maintaining social media presence and author of RockTalk articles	Katinka Joubert (Groundwork)
Technical events coordinator	Coordinating technical event logistics and arrangements	Adelaide Moganedi (SRK)
Technical events administrator	Assisting event coordinator with technical event administration	Ross van Heerden (Brentley, Lucas and Associates)
Supplier representative	Representing suppliers of the branch and arranging supplier sponsorships for events	Vernon Baptista (M&J Mining)
Education and exams administrator	Organising and arranging the hosting of SCO practical exams and university students representative	Vacant
Supporting Role		Jeanne Walls (Jewal) Tafadzwa Chindedza (SRK)

- ❖ Nominations for new SANIRE Gauteng branch committee members were held at last technical evening on 20 February 2020.
- ❖ Voting for new SANIRE Gauteng branch committee members will take place at next technical evening
- ❖ The current branch chairman (Craig Smith) will be in contact with the SANIRE national branch (Mbalenhle Buthelezi and Lizelle Prinsloo) prior to the next technical evening, when voting will take place, to ensure that all the necessary SANIRE guidelines and procedures are followed correctly.

Healthy financial position

- ❖ SANIRE Gauteng branch utilising National Bank Account.
- ❖ Bank balance as of February 2021 is **R 11 739.86**
- ❖ No current debt or liabilities.

Current and future initiatives

- ❖ New way of technical evenings and technical events
 - *In the process of arranging the necessary technology to be able to host all future technical evenings and technical events online – in line with the developments following the Covid-19 pandemic.*
 - *All future technical evenings and technical events will ensure that the necessary and relevant Covid-19 requirements and precautions are in place and strictly adhered to. (e.g. social distancing, hand sanitizing, wearing of masks, reduce venue capacity, etc.)*
- ❖ More exposure and interaction with younger members starting out in the industry and students at universities in the region:
 - *Young Engineers competition – prizes for winning abstracts and opportunity to present at technical evenings*

Current initiatives - Young Engineers competition

President: Mrs. Lizelle Prinsloo
Secretariat: Mines Professional Associations' Secretariat (MPAS)

	Evert Kleynhans won the prize for the best presentation for our 'young engineers' competition with his presentation on 'The Effect of Jointing on Seismicity at Mponeng Gold Mine'. He won a cash prize of R300, two rock engineering textbooks and a few bragging rights. <u>Branch Events – 2019/20</u> 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 <u>Technical Evenings</u> ❖ Unfortunately, no technical evenings were held during 2020/21 period due to the Covid-19 pandemic. <u>2019 Year Function</u> • The SANIRE Gauteng branch hosted their 2019 year-end function on a sunny Saturday on the 23rd November at Acrobranch, Huddlepark. <u>Year-end Function/Technical Events</u> • Unfortunately, no year-end function or technical events were held during 2020/21 period due to the Covid-19 pandemic. <u>Special Thanks</u> Great venues • CSIR Mining Precinct, Auckland Park • Acrobranch, Huddlepark Great Sponsors • M and J Mining • Rocbolt • New Concept Mining • Rockma • Groundprobe • Minova • sts3D	
4.7	EDUCATION PORTFOLIO	AC / RP / KL / JM
	The exams committee is as follows: ❖ Adam Cooper: Education, Minerals Council exams and exams committee ❖ Rofhiwa Phadagi: SCO Practicals ❖ Kevin Le Bron: Portfolio: Rock Eng Practicals ❖ Jannie Maritz: Future Education, MRAC Future Education • Ms.T. Gcuda noted that she would like to be involved in this portfolio in the future and therefore wants to shadow. ADVANCED ROCK ENGINEERING CERTIFICATE (AREC) Mr.Z. Thebethe presented the following to Council	

AREC REQUIREMENTS

1) It was noted that an individual must have the Chamber of Mines Certificate in Rock Mechanics;

2) A pass mark of at least 50 % in **each** of the **four compulsory** courses;

- MINN 7005 Mechanical Properties of Rock and Rock Masses;
- MINN 7008 Numerical Modelling Techniques in Rock Engineering and
- MINN 7010 Advanced Mechanics of Solids;
- MINN 7018 Design of Support Systems for Underground Mine Workings.

3) A pass mark, of at least 50 % in **two** of the following **additional** courses;

- MINN 7012 The Study and Control of Mining-Induced Seismicity
- MINN 7013 Surface subsidence due to underground mining
- MINN 7019 Design of the Layout of Underground Mine Excavations
- MINN 7022 Mechanics and Design of Major Rock Slopes and
- MINN 7036 Rock mass classification in rock engineering
- MINN 7037 Blasting Technology
- MINN 7062 Probability and risk in rock engineering
- MINN 7072 Block caving Principles

Total of Six (6) courses are required.

COST OF SIX AREC COURSES

Short Course Route

2021 Prices (Wits Enterprise)

- MINN 7005 : R 17 840.00 (compulsory)
- MINN 7008 : R 17 840.00 (compulsory)
- MINN 7010 : R 17 840.00 (compulsory)
- MINN 7018 : R 17 840.00 (compulsory)
- MINN 7036 : R 17 840.00 (additional)
- MINN 7022: R 17 840.00 (additional)

Total Fees: R 107 040.00

MSc Route

2021 Prices (Postgraduate & Wits Enterprise)

- MSc(Eng) average tuition fees: R 99 520.00 (over 2 years)
- Course (Wits Enterprise): R 17 840.00
- Course (Wits Enterprise): R 17 840.00

Total Fees: R 135 200.00

MSc PROGRAM CHANGES

Old Curriculum

GDE:

- Comprised 6 elective MSc courses, each with 20 credits for total of 120 credits.
- Students could fail a course at the first attempt and be allowed to repeat.

MSc:

- Comprised 6 elective MSc courses, each with 20 credits for a total of 120 credits.
- If a student failed a course at the first attempt they would be excluded.
- Students with a GDE could convert by taking a further 6 courses (of 20 credits each) to obtain the M.Eng or,
- MINN7044 Research Report (120 credits) to obtain an MSc.
- The M.Eng/MSc had a total of 240 credits.
- The conversion of GDE to MSc fell away in 2016 when the new MSc was introduced, and
- The GDE & M.Eng were discontinued to comply with HEQSF requirements.

New Curriculum**MSc:**

- Comprises 4 elective MSc courses, each with 20 credits for a total of 80 credits.
 - Compulsory MINN9074A (Research Methodology for Mining Engineering) worth 10 credits.
 - Total coursework credits are then 90 credits.
 - If a student fails a course at the first attempt they are excluded.
 - Students then do the 90-credit MINN7044A Research Report to complete the MSc.
 - The new MSc has a total of 180 credits.
- ❖ It was noted that SANIRE must communicate the above presented as it seems that many have the perception that once the four courses are completed automatically one can do the AREC.
 - ❖ The President noted that a task team will be formulated to deal with this issue going forward.

Theory Examinations:

Mr.A. Cooper presented the following:

- May examinations went well and exam results were released on 9 July 2021
- The Rustenburg examination were held back due to irregularities in the examination and after a thorough investigations it was found that the examination set by the examiner was compiled of a number of different pass papers with a couple of supplementary questions which made it difficult in terms of trying to access where the irregularities come from.

Councils present were requested to vote for the new examiners and moderators and the following persons were voted in:

Examiner list for 2021 below:

Exam	May 2021		October 2021	
	Examiner	Moderator	Examiner	Moderator
SCO met	JC van Zyl	Johann Esterhuizen	JC van Zyl	Lucas van Aswegen
SCO coal	Charl Skinner	Graham Priest	Charl Skinner	Graham Priest
P1	Halil Yilmaz	Gerrit Kotze	Halil Yilmaz	Gerrit Kotze
P2	Marius Stander	Kevin Brentley	Marius Stander	Kevin Brentley
P3.1	Kevin Le Bron	Sampie van Buuren	Kevin Le Bron	Sampie van Buuren
P3.2	Wikus Mahne	Lelanie Prinsloo	Nduduzo Khathi	Mandla Mazibuko
P3.3	JP Gouvea	Quintin Grix	George Louw	David Bailey
P3.4	Anton Gregory	Peter Terbrugge	Anton Gregory	Peter Terbrugge

Overview of Examination Committee and Examinations Governance Document with reference to appointment of examiners and moderators

- SANIRE appoints the Chair of the Examinations Committee as being the holder of the SANIRE Council's Education Portfolio. The Chair is elected, delegated and replaced according to the constitution of SANIRE.
- All examinations committee members were appointed by SANIRE council.
- Examiners and moderators from a combination of senior-level RE practitioners (holders of the CoM Rock Mechanics and Advanced Rock Engineering Certificates where possible) and tertiary training providers.
- Examiners and moderators are appointed for two years per subject on an offset basis (i.e. overlapping rather than all change at the same time), by means of letters to employers and practitioners.
- The Chair is neither examiner nor moderator and is not remunerated for his / her efforts.

	Rock Engineering Practical Mr. A. Cooper presented the following learnings from Mr. A. Esterhuizen on RE. Learnings: • Reluctance of Rock Engineer's to be portfolio examiners – still a challenge • Not all mentors reviewed portfolios • Difficult to effectively prevent plagiarism • Candidates that had complaints – exam score sheets were shared with them – this was a mistake. • HDSA and Female examiners are very scarce (for portfolios) • Candidates do not receive any notification that the exam registration was accepted and registered on the list. • Two Coal candidates that have failed, later came out as a pass due to an accounting error • Complaints from mentors who deemed that candidates should have passed • Massive ticket candidates complaint about examiners who did not have massive tickets • Guideline must be updated – old ticket counts and examiner's experience and background to be checked. • Examination style and tactics • Perceptions of what is considered a good Rock Engineer • Examiners are to be screened and aligned. Examiners differ in their approach. • Concerns raised about women failing, especially black women • Is this coincidence or is there a valid concern? Complaints 1. D Boke (53%) – concern from mentor. A reply was sent to the mentor. No re-exam granted as there were no inconsistencies 2. N. Masole (54%) – massive candidate • November 2020 reports were sent to the examiners instead of the May 2021 reports. • Therefore the scoring and rejecting remarks are all referring to the November 2020 reports • Re-examination granted 3. P. Banjwa (53%) – massive candidate • Requested an examiner with FLAC3D and block cave experience • Inconsistency with examiners (one scored 59% and the other 51%) • Re-examination granted 4. Y. Chambati (59% and 56%) – massive candidate • Candidate had various mentor input and the marks were close to 60%. • Inconsistency with examiners • Re-examination granted Recommendations for future: • Mentors form must be updated to include a declaration that: • The Mentor did review the portfolio – How does one hold a mentor accountable? • 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 <u>Theory and Practical</u> Guidelines after review • Portfolio scoresheets cannot be shared with the candidates • Revise guideline to clarify who can examine massive and open pit candidates (screening of examiners, old ticket holders with experience) The President noted that an education discussion will be held on the 6th August 2021 as part of the SANIRE Symposium on Microsoft Teams to help upskill the members in exam writing skills and provide guidelines to be followed. Exams hosted on-line Met - Combined Bord and Pillar and Conventional planning exam	
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	<table><tr><th>Commodity</th><th>Champion</th></tr><tr><td>Coal</td><td>Sandor Petho</td></tr><tr><td>Surface</td><td>Des Mossop</td></tr><tr><td>Met Bord and Pillar</td><td>Petrie Wessels</td></tr><tr><td>Met Conventional</td><td>Marius Stander</td></tr><tr><td>Massive</td><td>Quintin Grix</td></tr></table> Strata Control Practical - Complaint from WB branch Rustenburg: - SCO was examined by his mentor / current Rock Engineer which was against Examination guidelines. - A re-exam was arranged but the candidate did not accept it. - Clientele contacted SANIRE in which SANIRE responded accordingly. - The candidate contacted the Minerals Council and SANIRE awaits further communication - Recommendations for future - All hosting mines must acknowledge the guideline by a physical sign off prior to each SCO practical hosted. - A virtual SCO exam committee meeting with Council portfolio holder and Branch Chairperson must be held prior to each SCO practical examination. 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. SCO Practical examination guideline to be reviewed - To be timeline specific in terms of the process % breakdown of sections (planning, observations, report & general) - Duration of exam results - Third party moderation 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.	Commodity	Champion	Coal	Sandor Petho	Surface	Des Mossop	Met Bord and Pillar	Petrie Wessels	Met Conventional	Marius Stander	Massive	Quintin Grix	
Commodity	Champion													
Coal	Sandor Petho													
Surface	Des Mossop													
Met Bord and Pillar	Petrie Wessels													
Met Conventional	Marius Stander													
Massive	Quintin Grix													
4.8	Social Media / Newsletter / Awards	TG												
	To be discussed in the next meeting due to time constraints.													
4.9	ISRM / RETC / MRAC	MDP												
	To be discussed in the next meeting due to time constraints.													
4.10	Organisational Liaison	OR												
	SAIEG, SANCOT, SAIMM, GSSA MHSC, RBTT, Seismicity, MoshCOPA To be discussed in the next meeting due to time constraints.													

4.11	EVENTS & SPONSORSHIP	LP
	Events 2021 The President reminded Council members of the up-coming SANIRE Virtual Symposium and encouraged the members to make bookings and participate: Events 2021 • RockBowl 2021 - August 2021 • Bosberaad - July 2021 • AGM 2021 and SANIRE Banquet 2021 - September 2021 Council meetings • Bosberaad Continuation Meeting, 13 August 2021 at The Blades.	
	CLOSURE	
	The President conveyed her appreciation to all in attendance for taking the time to attend the meeting but also for the willingness to serve on the SANIRE Council. Members conveyed their appreciation to the President for the time taken to do the strategy and for affording them the opportunity to be part of such a prestigious organisation and confirmed their commitment to the Code of Conduct, Mission, Vision and Values of SANIRE. With no further business to be discussed the meeting was closed at 12h25.	