SANIRE
SOUTH AFRICAN NATIONAL INSTITUTE OF ROCK ENGINEERING

SANIRE MINUTES FOR THE COUNCIL MEETING HELD ON WEDNESDAY 17 June 2021 at 09h00
at Northam Eland Platinum Mine, Game Farm Lapa

Attendess:	P Couto – President (PC) A Cooper (AC) S Mashile (SC) K Le Bron (KB)	L Prinsloo – Vice President, Hon.Treasurer (LP) Y Rajpal (YR) T Gcuda (G)
Online:	R Phadagi (RP) Z Thebethe (ZE)	C Smith (CS) R Armstrong (RA)
Invite:	R Madhopershad (MHSC)	
Apologies:	J Lucas (JL) D Neal (DN) J le Roux (JR) W Liebenberg (W) M du Plessis (MdP) O Rakumakoe (OG)	J Esterhuyse (JE) A Esterhuizen (AE) A Gregory (AG) J Maritz (JM) P Wessels (PW)
In Attendance:	M Buthelezi (MPAS)	R van der Berg (MPAS Manager)

ITEM		SUBJECT	RESPONSIBLE PERSON
1.		**WELCOME**	**PC**
		The President welcomed members present and those virtually online and thanked Council members for attending the meeting. The President thanked members for their support throughout his term and noted the meeting to be his last official meeting as President and welcomed the new President Mrs Lizelle Prinsloo. The following new Council Members were welcomed to their first SANIRE Council meeting: 1. Kevin Le Bron – MLB Consulting 2. Obakeng Rakumakoe – Harmony Gold 3. Rofhiwa Phadagi – Exxarro Resources 4. Zwelinzima Thebethe – University of Witwatersrand 5. Thovhedzo Gcuda – Seriti Power 6. Sifiso Mashile – Northam Platinum Apologies were noted for members not present. A quorum was noted and the meeting was duly declared as constituted.	

		MINE HEALTH SAFETY COUNCIL PRESENTATION The President welcomed Mr. R. Madhopershad to the meeting who presented on MHSC Research Needs Analysis Process. The following were highlighted in the presentation: • MHSC mandate and overview • Research needs analysis process. The President thanked Mr. R. Madhopershad for the informative presentation and requested that Council to offer assistance to MHSC where possible, due to the lack of communication from RETC with regards to the processes around MHSC. The President advised that SANIRE will offer the service to help rekindle the relationship with MHSC. The President did however request further communication and insight into the MHSC in order to ensure there is decent technical content and the panel from the MHSC is staffed with technical experts from the industry.	
2.		**MATTERS ARISING & MINUTES OF PREVIOUS MEETING**	**PC**
		Minutes of the previous meeting were tabled and accepted as a true reflection of the meeting held. - Council Minutes to be uploaded on the SANIRE website.	
3.		**COUNCIL MATTERS**	**PC**
	3.1	**COVID-19 PANDEMIC - FEEDBACK**	
		The following was mentioned: ➢ Covid-19 level 3 ➢ A reminder to all branch chairman of the new COVID 19 Level so that branch meetings can commence. ➢ The President requested members to ensure compliance with regulations as published in the Government Gazette.	
	3.2	**Education** Mr. A. Cooper presented the following portfolio feedback: **<u>SCO Practical Exam Feedback</u>** Exams Held (2021): • SANIRE Western Bushveld North – Metalliferous at Siyanda Platinum • SANIRE Western Bushveld South – Metalliferous at Sibanye Marikana Operations • SANIRE Eastern Bushveld – Metalliferous at Modikwa Platinum • Serria Leone – Massive • SANIRE Freevaal / Gauteng – Metalliferous • SANIRE Coal • SANIRE Northern Cape – Open Pit ➢ The President thanked the above mentioned for hosting their practical exams. Exams Outstanding: • South Deep – Massive – 22nd June 2021 • Tanzania which was previously postponed from 2020 – postponed. • Candidate wanting examination in Zimbabwe – postponed. Additional Feedback from SANIRE WB South practical: • The exam was arranged at Eland Mine for the candidate who was examined by his own Rock Engineer, mentor and host of the examination (not per guideline). The candidate rejected the opportunity and SANIRE received a letter from candidate's lawyer (Clientele Legal) – an official response was provided. SANIRE is currently awaiting a response from the candidate. • Concurrently - All the examination marks were moderated from an external 3rd party rock engineer.	**PC/AC**

- Marks have been released through Minerals Council South Africa.
- The above-mentioned candidates and another candidate's mark went from Pass to Fail and the Moderation of the rest of the marks didn't result in any further changes in terms of Pass/Fail.

SANIRE's Recommendation:

- A SANIRE webinar to be planned to address and explain the SCO guidelines to the entire industry. Similar process for the rock engineering practical guidelines.

Certificates Issued:

Cert No	Date	Name	Company/Mine	ID	Branch
1233	18-03-2021	PHUTI AMOS MANAMELA	KUMBA IRON ORE	8501135694080	Open Pit
1235	25-03-2021	FHULUFHELO MANDY MAVHUNGU	BOKONI	9306090678089	Eastern Bushveld
1236	29-03-2021	MILES CLAYTON VAN EEDEN	KOIDU	8410315173081	Council - Tanzania
1237	29-03-2021	CHARL RUDD	KOIDU	8010085082080	Council - Tanzania
1238	29-03-2021	MARAIS ROCCO VERMEULEN	KOIDU	7304165026088	Council - Tanzania
1239	28-05-2021	GODFREY MALEBO	SIBANYE	9112295597086	Freevaal
1240	28-05-2021	NDIVHO SIAVHE	SIBANYE	9606090389086	Freevaal
1241	28-05-2021	LINDIWE DOREEN MAKHUBU	HARMONY	8008290505085	Freevaal
1242	28-05-2021	LUNGISA JOMO MTEKWANA	SIBANYE	8305056016087	Freevaal
1243	28-05-2021	MAPHUTI HAPPY KOLA	AGA	8712255258081	Freevaal
1244	28-05-2021	RETHABILE SWEETIE LOKWE	AGA	9204090932087	Freevaal
1245	28-05-2021	LUKONA MELENTO	KUMBA IRON ORE	9706211137081	Open Pit
1246	25-03-2021	NKATEKO LINDIWE MACEBELE	SIBANYE STILLWATER	9205260811084	Western Bushveld - South
1247	25-03-2021	LINDOKUHLE COLIN ZUNGU	ROYAL BAFOKENG PLATINUM	9602125696082	Western Bushveld - South
1248	31-05-2021	NKHATHENI TSHIVHANDEKANO	EXXARO	8404155711082	Coal Fields
1249	31-05-2021	THABELO NDIVHO MAPHWANYA	ANGLO COAL	9307205894082	Coal Fields
1250	31-05-2021	WYNAND JOHANNES VAN WYK	ANGLO COAL	9507195053082	Coal Fields
1251	31-05-2021	RUPERT MASHELE	ANGLO COAL	9703046024089	Coal Fields
1252	31-05-2021	RELEBOGILE HARVEY PHENYA	MBUYELO COAL	9411205285083	Coal Fields
1253	31-05-2021	THABO BRUTUS THANTSHA	DMR	8401025346083	Coal Fields

Minerals Council Theory Exams:

- The examinations were held for May 2021.
- Some minor issues were experienced and sorted by SANIRE and the Minerals Council South Africa.
- The examinations were marked and moderated.
- The examination committee meeting took place on the 8th July and the results were released by the 12th July
- Resignation of some of the examiners and moderators - amendments to be finalised at the Bosberaad in July.
- Examination dates for 2021 are as follows:

RMC Paper 1	May 11, 2021	Oct 5, 2021
RMC Paper 2	May 12, 2021	Oct 6, 2021
RMC Paper 3.1	May 13, 2021	Oct 7, 2021
RMC Paper 3.2	May 13, 2021	Oct 7, 2021
RMC Paper 3.3	May 13, 2021	Oct 7, 2021
RMC Paper 3.4	May 13, 2021	Oct 7, 2021
Strata Control Coal	May 11, 2021	Oct 5, 2021
Strata Control Met	May 11, 2021	Oct 5, 2021

- Some examiners have withdrawn as moderators of examiners.
- SANIRE Council to discuss approaching and appointing new examiners at the Bosberaad and to follow proper methodology in, everyone to be aligned and a few nominations are in place to date.
- The President thanked Mr. R. Phadagi as the Coal Branch submitted a lot of candidates.

- Council was urged to drive that from all the other Branch Chairman.
- Mr. A. Cooper will present all the new candidates nominations at the next SANIRE Council Meeting in order for Council to vote and the decision to be made.
- The President noted that previously people would submit a paper when they get a chance but now there are rules around it and the timelines are set to work towards.
  The examiners now have deadlines to work towards to.
- Due to Covid-19 the SCO exams were shifted to May month which is the same month as the Rock Engineering Practical exam.

➢ The President thanked Mr. A. Cooper and Mr. A. Mustak for their excellent work.

<u>Rock Engineering Practical Examination</u>

Mr. A. Cooper and Mr. P. Couto reported the following on behalf of Mr. A. Esterhuizen

- The Rock Engineering Examinations have taken place.
- Two complaints have been received and Mr. A. Esterhuizen was reported to be busy reviewing that issue and a way forward.
  1. From a Massive candidate, the only validity around it stated is the fact that the one Examiner does not have a Massive ticket but only has an Advance ticket which is a grey area from SANIRE side.
  2. From the Mentor of the candidate, stating that he does not feel that the candidate needs to know all the modelling and parameters ins and out to be able to practice as a Rock Engineer.
- It was noted that Harold Mohlala and Nico van Wyk paid for the exam registration but never registered online and therefore no details of them were received and therefore were granted participation in the exams because they had already made payment.
- It was noted that Mr. A. Esterhuizen will provide feedback and finalization once everything is completed.
- Mr. R. Phadagi reported that there was a case where two Coal Candidates who were previously deemed to have failed and later came out that it was Accounting error.
  How will SANIRE ensure that such errors do not occur?
  It was noted that mistakes happen but now double checking is put in place for the time being.
- Mr. Z. Thebethe reported that Witwatersrand offers AREC which has become like a "MBA" and candidates are bypassing the system. It was noted that Mr. P. Couto and Mr. A. Cooper will discuss the AREC with Mr. A. Mustak and find a way forward.
  Mr. R. Phadagi asked that we investigate what AREC credibility?

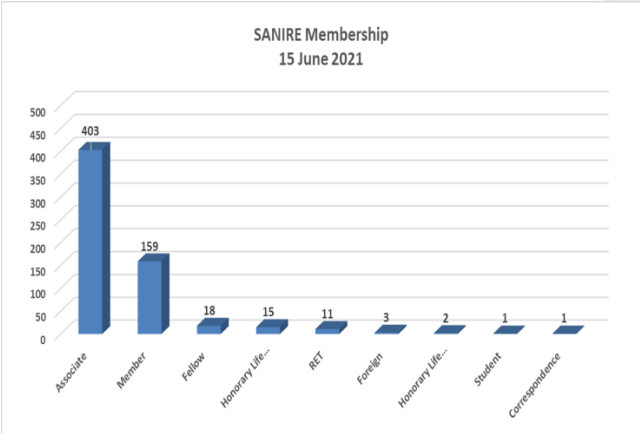
AE

3.3 Administration

Membership

MB

➢ It was noted that SANIRE had 599 members in April and to date there are 613 members thus membership has increased by an additional 14 members.
➢ Membership statistics are as follows:



	April '21	May '21	Variance
Associate	392	403	+11
Member	156	159	+3
Fellow	18	18	0
Honorary Life Fellow	15	15	0
Retired	11	11	0
Foreign	3	3	0
Honorary Life member	2	2	0
Student	1	1	0
Correspondence	1	1	0

➢ It was noted that the SANIRE membership on the website will now be updated monthly going forward.
➢ Mr. R. Phadagi reported that the membership ticket holder list needs to be revamped as some names are incorrectly spelt.

The President requested that Council looks into this and try identifying names that they know and therefore rectify this.

3.4 **LP**

Finances

Mrs. L. Prinsloo presented the SANIRE financial status as follows:

Bank Account Balances:

- **Investment Account: 16 June 2021 – R 1 051 348 (Ave interest of R3 550/month)**

Month	Current Account	Variance	MPAS fee	Comments
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
Dec 2021	R330 683	R24 363	R43 017.84	SCO practical Membership fees MPAS admin fees

The status as at May 2021 as follows:

- Total outstanding
  - R 54 891.56 (end May 2021) – 97%
    - Compared to May 2020 R 264 890.50
  - Global Invoices 97% (increased from 65% in March '21)
    & Singular Invoices 91% (increased from 90% in Mar '21)
- Rock Engineering exam was 100% Recovered.
- SCO Exam
  - Yielded R 45 300.00 Incl Subs charged
  - 100% recovered.
- Slope Stability Seminar
  - Yielded R 33 500.00 and 100% recovered.
  - SANIRE is now awaiting shared profit from SAIEG
    The Secretary and Mr. R. Armstrong were requesting to assist in communicating with SAIEG to receive SANIRE's portion before year-end.
- 100% Recovered for 2020.

The trend from Mining Companies continues:

- Incorrect payments are made monthly into the incorrect Association Accounts.
- This leads to Inflated / Deflated Amounts Reflecting in the Association Bank Accounts.
- Incorrect payments from the Mining Companies.

Change in landscape in terms of Association invoicing systems:

- Due to the new way of Invoicing adopted by most Mining Companies, we are required to submit Invoices via the various Portals Provided by the Mining Companies and attend their virtual training sessions.
- Portals are, SAP, Ariba, CSD & Coupa, each one varies from the other and has various criteria to submit before Invoicing can be done.
- Additional strain on the administration of the Associations and consume valuable time.

➢ Mr. R. van der Berg reported on the SANIRE recovery and noted that it is vital to recognize the amount of work that is going in from the Secretariat which reached the recovery rate of 3% outstanding debtors which

is commendable looking at previously SANIRE would be seating normally at a recovery of only 40% to 35% outstanding debts at the end of the year.

- It was requested that an email be sent out to all members with outstanding money to advise them that if it is not paid within a certain period their membership will be revoked. It was reported that majority of these outstanding debtors (79 members) are those people that write their SCO exams and disappear after writing.
-

- The following items are to be closed before the financial year-end by the 30th of June.
  - Credits on debtors account:
    All credits to remain on members account and on invoice only outstanding amount to be invoiced.
  - Investment Account:
    Journal entry to be done to correct and note made on audited financials.
  - Membership Subscription:
    Membership subscription fee will be discussed at forthcoming strategic meeting and then tabled at the AGM in August.
    An increase of between 5% and 6% was discussed and will be confirmed at the Bosberaad.

- The SANIRE President thanked MPAS for their excellent work towards the SANIRE financials recovery rate success and noted that a 97% recovery has never been reached in SANIRE's history.

SANIRE Branches:

Mrs. L. Prinsloo presented the Branches finances to Council present.

- Branches included into the National Bank Account:

	National Bank Account
FREEVAAL	✓
EASTERN BUSHVELD	✓
COALFIELDS	✗
WESTERN BUSHVELD	✓
GAUTENG DISTRICT	✓
NORTHERN CAPE	✓

- It's only the Coal Branch that has not joined the National Bank Account.
  - The Financial procedure document which governs the SANIRE account Branches in terms of the entire management and transferring, withdrawal/claiming of funds with relevant appendices for Branches to make use of was implemented and sent to Branch Chairpersons.
  - Mr. R. Phadagi reported that the matter will be resolved before the Bosberaad.
  - The President urged the Branch Chairpersons to spend money in valuable education seminars for members.

SANIRE GIFTS IDEAS

SANIRE branded gifts were purchased to see which gifts will be best suitable to encourage SANIRE members participation and contribution to the Newsletter and the Symposium.

The following example gifts options were presented and Council was requested to make a selection:

- Optical mouse
- Optical mouse and pad
- Optical mouse and USB
- Desk station
- Stainless bottles
- Backpack
- Notebook and buff

		Some of these gifts were handed out to the previous Council members as a token of appreciation of their term on Council. Award options: ➢ Trophy Optical glass 	
	3.5	**Communication** **Social Media** ➢ President thanked MPAS for managing SANIRE website and keeping it updated. ➢ Secretariat was requested to retrieve the SANIRE LinkedIn account details and start posting there as well. **Newsletter** ➢ The last newsletter successfully went out. ➢ The President urged Council to provide assistance towards the newsletter and offer help to Mr. J. Esterhuyse. ➢ Mr. J. Esterhuyse is currently working on the upcoming July newsletter. - Mrs.L. Prinsloo requested all new Council members to send their photos and short biography to be included in the up-coming newsletter. ➢ The President and the Council expressed their gratitude towards Mr. J. Esterhuyse for his excellent job with the newsletter.	**MB/JE**
	3.6	**ISRM** ➢ The President informed the new Council that Dr. M. du Plessis is the ISRM representative and Vice-President and their term is 4 years and therefore he will be automatically co-opted to Council to serve his last two years. - It was noted that he's the direct communication between ISRM and SANIRE. ➢ Young Rock Engineer Award was submitted. - Under the age of 40. - Acknowledges excellence in the field of rock engineering. - Recognizes the achievements of outstanding young rock engineering professionals and promotes those who have shown innovation and resourcefulness in their work and have demonstrated contributions in topics of importance to the state-of-practice. - One nomination has been received thus far with supporting documents. ➢ Nomination for Best Performing National Group Award was submitted.	**MD/PC**

		- Put forward a very good proposal for SANIRE. ➢ It was reported that ISRM is looking for a Young ISRM Member - Under the age of 36 - To seat with the VPs on the ISRM Board - YouTube channel start -up on educational staff - SANIRE to nominate a person and vote at the Bosberaad. ➢ It was noted that all the awards will be finalized in September. RETC ➢ RETC CEO zero harm update - On the 2nd July RETC in conjunction with SANIRE will be reporting to the CEO zero harm forum on what the industry can do to improve or reduce fatal, improve safety. - It was noted that a document is being drafted and Mrs. L. Prinsloo will have first preference and it will be presented to the CEO's to try and improve Zero-Harm. - Mr .P. Couto noted that the drafted documents still need to involve other associations in the industry such as AMMSA and SACMA as everybody plays a role in preventing fall of ground. - Mrs. L. Prinsloo reported that the team met last week Monday to work through the recommendations and the draft document is now out and to date there are 6 recommendations came from the document from the industry that will be presented to CEO's on the 2nd July. MRAC ➢ No feedback.	
	3.7	**Organisational Liaison** Mr. R. Armstrong and Mr. P. Couto reported the following: ➢ SAIEG and SANIRE Slope Stability Conference - It took place on the 4th and 5th March 2021 at Misty Hills. - It was reported to be a well-attended event. - President thanked council for their efforts in support and getting SANIRE members to attend this event. ➢ SANCOT - Council meeting commenced. - The President and Vice-Presidents are getting things back together. ➢ SAIMM - There was a request to get all the Association Presidents together on the 6th July to see how SAIMM can progress forward. - Mr. P. Couto will provide feedback. ➢ GSSA - No feedback. ➢ MOSH/COPA - No feedback. ➢ Seismicity - No feedback. ➢ RBTT - No feedback. ➢ MHSC - Mr. R. Madhopershad gave a presentation on RTF.	**PC/ RA**

	3.8	**Council Matters** ➢ Council Nominations / Voting was conducted. - Secretary collected all the data that came in via the online system. - Nomination list was presented to council and the official results were released to members. - The voting process was recorded and actioned through MPAS, auditable and transparent. - All the new Councils were notified and welcomed.	**PC/LP**
	3.9	**Events** ➢ Symposium • The confirmed date is Thursday 5th August and Friday 6th August 2021. - The venue is Misty Hills as it is reasonable in terms of price. - Secretary was requested to work on the final costing between virtually attending and physically attending. - The President requested Council to drive the presentations and attendance of this Seminar. - The President reported that due to some misconceptions in the education portfolio, on Friday the 6th Mr. A. Cooper will present the SCO guidelines and Mr. A. Esterhuizen will present the Rock Engineering Practical guidelines. ➢ Bosberaad Mrs. L. Prinsloo presented the Bosberaad budget. • The confirmed date is the 24th and 25th July 2021. • Future education going forward. • Council portfolio allocation • Council to vote for the Vice-President. • Mr. R. van der Berg to present to SANIRE Council on what MPAS is about and give a better understanding about membership database. 	**PC/LP/ AC/AE/MB**
	3.10	**Ethics, Suggestions and Complaints** ➢ Middindi Consulting - The President reported that Mr. T. Rangasamy, Managing Director of Middindi Consulting wants his membership reinstated and has now again re-applied for SANIRE membership after resigning in February 2021. ❖ Mr. T. Rangasamy re-applied for Fellow Membership whereas one must for apply for Membership and after submit a request for Fellowship. ❖ Public resignation where the SANIRE Code of Conduct was breached. - Council discussed and was requested to vote on the reapplication of Mr. T. Rangasamy. ❖ Mr. D. Neal to write a response to Mr. T. Rangasamy with regards to technicalities regarding his membership.	**PC/ALL**

		GENERAL The President thanked all members present and those online for the attendance. ➢ The President urged the Branch Chairpersons to host meetings, virtual meetings to be organized by Branches. New Branch Chairman's to be voted in as the terms are over for some. ➢ Mr. P. Couto, Mr. A. Cooper and Mr. Z. Thebethe will discuss the AREC issues with Mr. A. Mustak from Minerals Council and find a way forward. AREC current costs for a member at Witwatersrand is R18 000 per subject. - A presentation was requested from Mr. Z. Thebethe to state what is required for an AREC. The President asked if there were any further matters for discussion. The meeting was adjourned.	**PC**