

NEWSLETTER

Promoting the study and advancement of Earth Sciences since 1895



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ONLINE ADVANCED EXCEL FOR GEOLOGISTS

Presenter - Marius Swart (Earthlab)

18 APRIL 2023

The Geocongress 2023 abstracts are now available on line,
organized alphabetically by the first authors' surname.
Referencing instructions are in the leading page.



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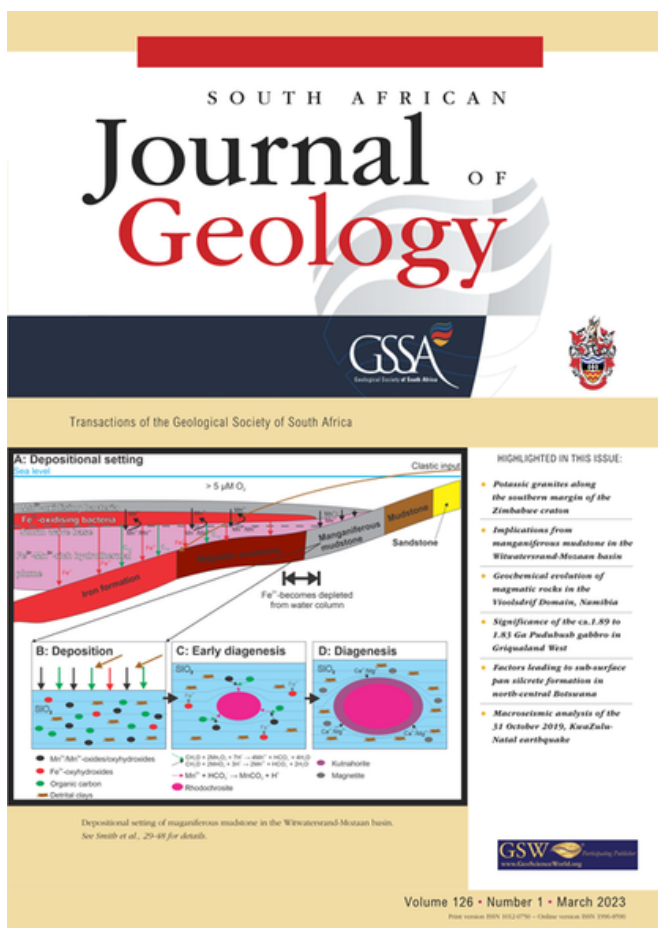
PRESIDENT'S COLUMN - TANIA MARSHALL

Sunday 2 April 2023 is Geologists Day when we recognise the achievements of geoscientists everywhere. It is easy to celebrate those geoscientists who have made major contributions to our fields of practice, and we need to do this, often and loudly, to remind ourselves that the world would be a much poorer place if such people had not been in it.

However, today I want to pay tribute to all those unsung heroes and heroines – the individuals whose names never get mentioned in hushed tones but whose work forms the basis for all the great advancements. These unsung heroes and heroines come from all walks of life and play a critical role in shaping our science. These are the lecturers at universities with excessive workloads and unappreciative students; these are the geoscientists who live in caravans or tents in exploration camps, hundreds of kilometres away from the nearest Mall (and from their families) and who hike tens of kilometres each day, surveying, logging and mapping, and spending their nights entering data into innumerable spreadsheets; these are the mine geologists who spend days (and nights) underground, making sure that there is always ore to mine. These are the mothers and fathers (often single parents) who try to juggle family life with earning a living. These are the folks who work in laboratories, ensuring we get our assay results in time to write up the next report. These are also the people who sit on committees, volunteering their time and expertise to drag our science kicking and screaming into the next century. These are also the geoscience students who are not sure where their next job is coming from. And these are also the support staff to all of the above – they are responsible for keeping the wheels of geoscience greased.

While you all work tirelessly behind the scenes, often with limited acknowledgement, it is to all of you that the GSSA would like to dedicate this years Geologists Day (Geoscientists Day).





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NORTHERN CAPE BRANCH - EVENT & EXCURSION

WEST COAST DIAMONDS
EVENT & EXCURSION
PORT NOLLOTH
5TH & 6TH MAY 2023

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EVENT DETAILS AND PROGRAMME TO FOLLOW

CONTACT US ON:
admin.nc@gssa.org.za

Loni Gallant
NC Branch Chairperson
0723511350

CPD POINTS

Northern Cape branch
Geological Society of South Africa

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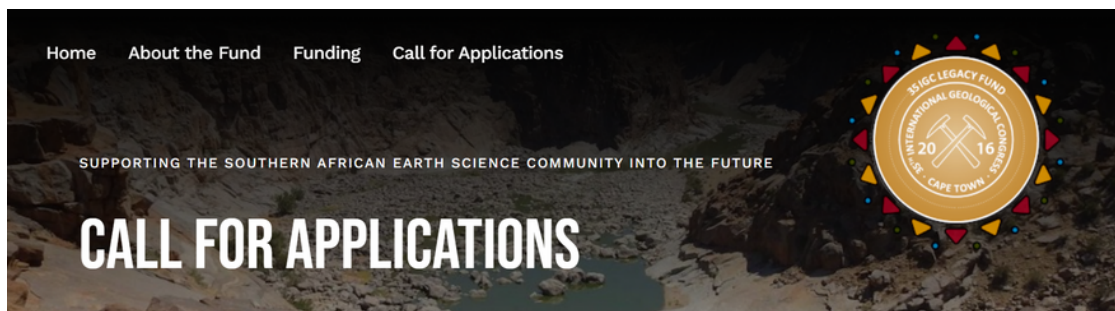
DIGITAL

Preliminary Programme



Call for nominations for GSSA Student Awards for the 2022 academic year

The GSSA is calling for nominations for GSSA Student Awards for the 2022 academic year. The Fellows Committee of the Geological Society will be responsible for adjudicating the submissions for the GSSA awards, with awards scheduled to be announced at the mid-year AGM. In order for the adjudication process to be completed on time, we need to have digital copies of the nominated theses and short motivations submitted by mid-April, 2023.



35IGC Legacy Fund support - 2023 Call for Grant Applications

The generous support received from sponsors, donors and over 4,000 registered delegates resulted in a financial surplus after the 35th International Geological Congress that was held in Cape Town during 2016. These funds have been invested and are administered by the Board of 35IGC Legacy Fund to ensure that the legacy of this successful event will benefit the South African geoscience community long into the future.





STRUCTURAL GEOLOGY COURSE & FIELD TRIP

SOUTHBROOM
KZN SOUTH COAST

27 - 28 MAY 2023

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ONLINE GEOSCIENCE COMMUNICATION

Visual Communication, Readability &
Textual Choice, How to build a
(better) CPR

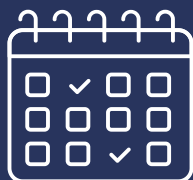
30 MAY 2023

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GSSA Events January 2023 – November 2023

(Preliminary Programme)

14 March	CPD workshop (online)
15-22 March	Introduction to SAMCODES (hybrid)
18 April	Advanced Excel Skills for Geoscientists (online)
2-3 May	Sampling & data management (hybrid)
6-7 May	KZN brittle deformation field trip (KZN north coast) – contact only
30 May	Science Communication for Geoscientists – Visual communication; Readability & textual choice; How to write a better CPR; (online)
TBC (4 x ½ days) + self-study	Drilling methods and techniques in resource exploration (with Colin Rice) (online)
24-27 June	Base metals(hybrid & site visit)
July	Map making (contact in Cape Town)
11 July	ESG inquisition feedback (online)
1 August	Introduction to drilling (online)
15 August	Professionalism and ethics (online)
September	Data analytics / machine learning (with Prof G Nwaila/UWWR) (hybrid)
September (4 x ½ days) + self-study	Drilling methods and techniques in resource exploration (with Colin Rice) (online)
October	3D geological modelling (with Dr I Basson/TECT) (hybrid)
October	Mineral economics for geoscientists (hybrid)
15-16 November	African Exploration Showcase





KIMBERLEY INTERNATIONAL DIAMOND SYMPOSIUM

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23 - 27 AUGUST 2023

HORSESHOE INN AND CONVENTION CENTRE

The third Diamond, Kimberlite and Alluvial Deposit Symposium & Trade Show will take place in Kimberley, South Africa in August 2023.

The international diamond market has showed improvement since the challenges of the past few years (particularly the Covid Pandemic), and new technologies are ensuring the regular recoveries of large exceptional quality diamonds and driving far reaching changes in every aspect of the business. There has also been a pick-up of Junior alluvial diamond mining in the area around Kimberley, and new screening and recovery technology is assisting the industry and ensuring regular recovery of some exceptional and large diamonds from alluvial deposits.

This symposium will focus on research and new technologies being applied across all facets of the industry, diamond exploration and mining, including alluvial diamonds. New findings relating to kimberlite exploration will also be presented. Technological developments relating to diamond processing, recoveries, and security, particularly of large high value diamonds and exceptional, which are key considerations in the mining and recovery process given the generally high value of the product, will also be addressed. World-wide activities of diamond explorers and miners, senior and Junior, will be covered, as will the state of play of the international diamond business.

Participants will get exposure to the fascinating history of the Northern Cape Diamond Fields. 2020 was the 150th anniversary of diamond mining in Kimberley which paved the way for the development of the modern diamond industry under the initial stewardship of De Beers, and subsequently other major players as well such as Alrosa, Argyle Diamonds, Debswana, Rio Tinto, BHP, Dominion and Petra.

The symposium will also acknowledge and pay respects to several pioneers of diamond and mantle mineral R&D, exploration and evaluation of deposits, and the mining of kimberlites and alluvial deposits, both land and marine.

We invite you to join us in taking a trip from memory-lane into the future of diamonds and experiencing the wonder of diamonds in the ultimate setting - KIMBERLEY.



READ MORE

SCIENCE AND CAREER EXPO IN LIMPOPO

We had a successful trip to Maleboho West and Bahananwa Science and Career Expo 2023 organised by Kodumela Bokamoso Youth Development. We were provided with a classroom that we tried to make visually appealing using UJ and GSSA banners, and photographs of mineral crystals at the classroom entrance. Throughout the day, groups of 35–60 learners visited different organizations in different classrooms, and in our classroom, we had 17 group visits. For each group we had a PowerPoint presentation on Geology as a career, viewing and touching of rock and mineral specimens, and discussions about the mineral specimens in the photos at the classroom entrance. So, we reached 600–800 Grade 12 learners from 14 different schools. Importantly, we received interest from several, very bright learners who were interested in studying geology! **Tebogo Makhubela**



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YAKWAZULU-NATALI

Post-Doctoral opportunities at UKZN





Training Scam



It has been brought to our attention that there are a number of Training Scams doing the rounds. These scams may appear to come from reputable professional conference organisers and advertise what look like really good, albeit very expensive, courses with reputable speakers. In some cases, the delegates arrive at the defined place to find that so such event exists, or that the advertised presenters are not featured and that the actual presenters are way below par. When people write/phone to complain, telephone numbers, emails and even bank accounts no longer exist and even the SAP are not able to assist.

Please note that all bona-fide GSSA events (and GSSA partner events) will be advertised in the Monday Mailers, in the monthly newsletters and on our website (Upcoming Events – GSSA and Partner Talks – GSSA). If you receive communication from third party organisations purporting to have the GSSA as a partner, please confirm with us at info@gssa.org.za before registering.

Given the current economic conditions globally, scams like this are likely to increase. It should become good practice for all to be wary of potential scams. Check with a colleague, check with listed presenters and inform us at the GSSA if you have been scammed – we won't be able to do anything about getting your money back, but we can build a database of organisations potentially involved in such scams (or which are being targeted by the scammers).

DO YOU WANT TO BECOME AN ANNUAL OR EVENT SPONSOR?

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MISSED OUR PAST 2023 COURSES

RECORDING AVAILABLE FOR PURCHASE

- **Introduction to SAMCODES** - 15 & 22 March 2023

CLICK HERE



Once you have completed viewing, please send an email to info@gssa.org.za and a certificate will be sent to you to claim CPD points.

FREE STUDENT ATTENDANCE

GSSA ONLINE EVENTS

The GSSA, in conjunction with their event partners(s), will sponsor a limited number of students for selected online courses.

Please do not register for the course until you have been informed in writing of a successful application.

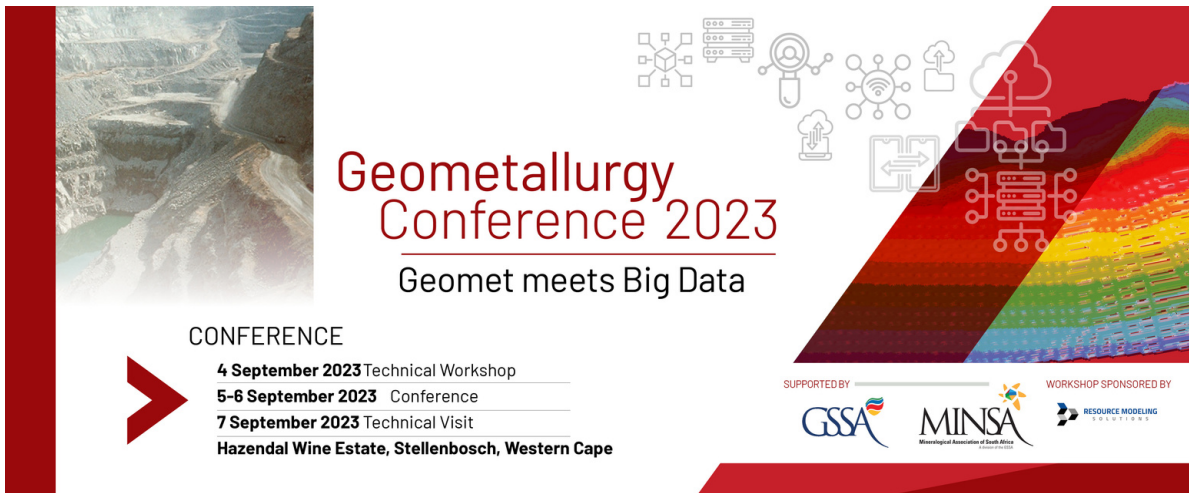
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**Geometallurgy
Conference 2023**
Geomet meets Big Data

CONFERENCE

4 September 2023 Technical Workshop
5-6 September 2023 Conference
7 September 2023 Technical Visit
Hazendal Wine Estate, Stellenbosch, Western Cape

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Young Scientists' Conference Announcement and Call for Abstracts

Jointly hosted by the:
 Department of Science and Innovation
 Academy of Science of South Africa
 South African Young Academy of Science
 University of Venda

Date: 12-13 June 2023

Theme: Basic Sciences for Sustainable Development



8th SGA-IUGS-SEG-UNESCO Short Course on African Metallogeny

9 – 13 October 2023
 Johannesburg, South Africa

