

Promoting the study and
advancement of Earth Sciences
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LICHTENBURG
100
CONFERENCE AND FIELD TRIP

10 – 13 SEPTEMBER 2026

The 2026 Lichtenburg Diamond Fields Centenary will be marked by a **two-day geology conference in Pretoria** and a **two-day field excursion**, celebrating a century of discoveries, geological research, and heritage associated with the region's significant diamond deposits.

VENUE:
Council for Geoscience, Pretoria

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HERITAGE

SHARING
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AND INNOVATION

EXPLORING
OUR FUTURE
TOGETHER

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NOLEEN PAULS

GSSA PRESIDENT

JULY IN REVIEW



Investing in the Future of Geoscience

July has been one of those months that reminds me why I remain so passionate about our profession. One of the highlights was representing the GSSA at the launch of National Science Month. The event brought together learners, educators, scientists and organisations, all united by a common goal: to ignite curiosity and showcase the exciting opportunities that science offers.

As part of our outreach, Adrian Crawford, Chair of the GSSA Students' Division, presented to the Habitable Planet Workshop with Thohoyandou Schools Science Club on "Careers You May Have Never Heard Of." Drawing on his own experiences, he introduced learners to the diverse world of geoscience, from exploration geology to limnology. His presentation sparked considerable interest, particularly in engineering and environmental geology, and the enthusiasm of the students made a lasting impression. For the GSSA, participating in events such as these is about far more than promoting geology. It is about inspiring young people to see geoscience as a profession that solves real-world challenges and creates opportunities



That commitment to developing the next generation of geoscientists continued through our Beyond the Rocks: Essential Skills for Geoscientists workshop. While technical expertise remains essential, communication, leadership, emotional intelligence, adaptability and professionalism are increasingly important in today's workplace. These are the skills that enable geoscientists to lead teams, collaborate across disciplines and build successful careers.

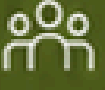


July also marked the launch of the GSSA Explorers' Pitch Competition, which will end at Electra Mining Africa later this year. The competition challenges students to think beyond technical solutions by developing innovative business proposals that address real challenges facing our industry. Modern geoscientists need to understand far more than rocks and mineral deposits. They must also embrace innovation, sustainability, entrepreneurship and collaboration. By encouraging students to develop business solutions and present them to industry leaders, we are helping prepare graduates for the multidisciplinary environment they will enter after university. Students can find more information on our social media platforms.

Although each of these activities has a different focus, they all share the same purpose: strengthening the future of geoscience in South Africa. Whether we are inspiring school learners during National Science Month, equipping students and young professionals with essential career skills, or encouraging innovation through competitions, we are investing in the people who will shape the future of our profession. I look forward to seeing the impact these initiatives will have in the years ahead.

2026 CALENDAR OF EVENTS



 4 AUGUST	Field-to-Findings: A Complete Course in Drilling, Sample Handling, and Result Interpretation	 ONLINE ONLY
 AUGUST	Minerals Resource Mastery	 ONLINE ONLY
 8 SEPTEMBER	Professionalism & Code of Ethics Workshop	 ONLINE ONLY
 10–13 SEPTEMBER	Lichtenburg 100	 IN PERSON ONLY
 19 & 20 SEPTEMBER	Structural Geology Course & Field trip	 IN PERSON ONLY
 8 & 9 OCTOBER	Data Analytics & Machine Learning	 ONLINE ONLY
 20 & 21 OCTOBER	Advanced SAMCODES Workshop	 IN PERSON ONLY
 18 & 19 NOVEMBER	African Exploration Showcase	 HYBRID



ONLINE ONLY



IN PERSON ONLY



HYBRID



More information and Registration
[click here](#)



2026

ALEX DU TOIT

Lecture Series

Early humans and hydrology:

the geology and dating of the last
3 million years of southern africa.



Presenter -

Associate Professor Robyn Pickering



[Click here to watch the Youtube recording](#)



CALL FOR ABSTRACTS

AFRICAN EXPLORATION SHOWCASE



18 & 19 | NOVEMBER 2026

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18 & 19 NOVEMBER 2026



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CLICK HERE FOR MORE INFORMATION



UPDATED EVENTS REGISTRATION PROCESS (FROM 1 AUGUST 2026)

As a result of recent upgrades to our website, we have also upgraded the events registration process (detailed below). One of the upgrades allows us to automatically add your CPD credits to your profile after you have attended an event.

The new process (as of 1 August) is as follows:

- Navigate to Upcoming Events - <https://www.gssa.org.za/calendar>
- Identify the event that you wish to attend
- Click on registration and follow the prompts to register online

Members: you will be asked to log in to your profile (this allows us to send you an invoice, upload your CPD certificate to the correct member profile and to send your certificate of attendance, event recording and presentation pdfs to the correct email address).

Non-Members: you will be asked to create a FREE USER account (this does not constitute an application for membership). The User account will ask for contact and billing details only. This only needs to be input once, thereafter you simply log into your User account when registering for future events. This allows us to generate an invoice and then send your certificate of attendance, event recording and presentation pdfs to the correct email address.

SOME IMPORTANT NOTES

Online Attendance

- Website registration for online (paid) events closes 48 hours before an event is scheduled to begin (Manual registration is still available for late registrations, subject to a 10% surcharge – send a mail to admin@gssa.org.za for details).

- Delegates for online events who have not paid by 12h00 the day before the event commences will not be sent a Zoom link to the event and your registration will be cancelled.
- A purchase order (or proof of payment) secures access to the event login details. Please ensure that such is sent to Marliese at accounts@gssa.org.za (by 12h00 the day before) to secure your place before being allowed entry to the event.

In person attendance

- Registration for in-person events closes 48hrs before the event (or sooner if the venue capacity has been reached) (Manual registration still available for late registrations, subject to a 10% surcharge – send a mail to admin@gssa.org.za for details).
- This is important because we must confirm with the event venue for venue payment and catering requirements.
- If there is venue space available, payment can be made onsite (credit card, EFT, SnapScan) before the event.
- A purchase order (or proof of payment) secures access to the event. Please ensure that such is sent to Marliese at accounts@gssa.org.za (or bring copy to the event) to secure your place before being allowed entry to the event.

Payment Options

You may pay online at www.gssa.org.za/payment. You can select to pay with Payfast, SnapScan or do an eft or telegraphic transfer. All account details are available on the web and on your invoice. For delegates from outside of South Africa, the Wise App can also be used as a method of payment.

Cancellations and Refunds

- If you are not able to attend an event (even a FREE event), please cancel your registrations (either through the website portal or by email to accounts@gssa.org.za). This is especially important for in-person events due to our venue/catering liability.
- Delegates unable to attend a paid event may send a substitute delegate in their place. Please send written details of substitution to accounts@gssa.org.za by 12h00 the day before the event (emergency late substitutions will be accommodated where possible).
- We must receive the details of the substitution as no-one whose name is not on the official delegate list will be allowed into the event, nor will they receive a CPD certificate.

- Cancellations (without substitutions) must be received at least 48 hours prior to the date of the event and will be subject to 50% of the registration fee.
- No refunds will be issued for cancellations received 48 hours or less prior to the event date. No-shows will still be liable for the full registration fee.
- All refunds will only be issued after the event.
- The Organising Committee, in their sole capacity, reserves the right to decline a request for refund.
- For enquiries and group bookings, please contact info@gssa.org.za

Recordings and Presentation PDFs

- As a paid up delegate (or sponsor/sponsored student) you will receive a link to the YouTube recording of this event and the presentation pdfs. Please note that these are for your personal use only and may not be distributed without the express written permission of the GSSA.
- If you attended the event as registered, your Certificate of Attendance will be sent to you and your CPD credits will automatically be updated on the website. We do, however, recommend that you check that they have been correctly added to your profile. This is your responsibility and the GSSA assumes no responsibility for incorrect CPD information.
- If you had paid and were not able to attend the live event as planned (or arranged for a substitute), please use the link to watch the recording at a time convenient to yourself. When you are finished, please send a mail to that effect to admin@gssa.org.za and Kate will arrange to send you a certificate. You will need to add the CPD credits to your profile manually.
- If you wish to purchase recordings of any event, please contact Lully (info@gssa.org.za) or Kate (admin@gssa.org.za) for details.



Fellow Nomination Form

I, hereby accept my nomination as a FELLOW of the Geological Society of South Africa, in accordance with the Constitution and By-Laws of the Society as now formed, or as they may be legally altered hereafter.

Name *

First	Last
-------	------

Employer *

Email *

Address *

FELLOWS NOMINATIONS 2026

The Fellows Committee of the Geological Society would like to request the Fellows Collegiate to submit nominations for new Fellows for 2026. Details of the criteria are listed on the GSSA website (<https://www.gssa.org.za/wp-content/uploads/GSSA-By-Laws.pdf>).

Fellows Nominations:

A candidate for transfer or election to the class of Fellow of the Society shall be a Member in good standing for at least 5 (continuous) years as a Member and provide evidence of significant contributions to the earth sciences thus fulfilling the objectives of the GSSA.

A candidate for transfer or election to the class of Fellow of the Society must be over 35 years of age.

A candidate for transfer or election to the class of Fellow of the Society shall have been engaged in geology or approved earth science profession for at least ten years, post-Honours (or equivalent) qualification*, either:

- in responsible charge of important operations, or
- as a consultant or advisor, or
- as holder of an important post in teaching or research in the relevant subjects at a recognized tertiary institution

*In the case of the individual not having an Honours-equivalent degree, their application be evaluated by considering educational and experiential learning.

The online nomination form, together with a copy of the individuals CV should be submitted by the 1st of September, 2026 to info@gssa.org.za. Please ensure that the motivation specifies how the individual meets one or more of the criteria listed above.



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Geo-Explore Store (Pty) LTD is a specialist Geological and exploration supply company, based in Johannesburg and servicing Africa.

Headed by an exploration Geologist with years of field experience and years of running geological supply companies, we are well placed to help and guide you in all your project needs.

Geo-Explore Store was founded in 2009 and has solidified its name as a go to outlet for all your geological needs.

We source specialist equipment from around the world from leading manufacturers and have built strong and valuable relationships with many of them. We buy in bulk and hold stocks to maintain costs and shorten lead times.

Where possible we empower local businesses and buy consumables from reputable and sound local entities in South Africa.

A key to our business model is to have a one stop shop approach to the market, resulting in our very broad range of products in our basket .

To name a few we cover:

- the range of equipment needed to arm a field geologist (hammers, compasses, pencil magnets, scribes, acid bottles, hand lenses etc etc)
- a full range of sampling and packing equipment (bags, tags, pens, Geochem packs etc etc)

- a range of processing and handling equipment (scales, density scales, rifflers, sieves etc etc)
- a range of core trays (plastic / steel)
- various core yard handling, processing and storage equipment. (roller log tables, racking systems, photo booths etc etc etc)
- various core splitters and associated consumables
- and many many more, our range can be viewed at www.geoexplorestore.co.za

If we do not have what you seek, we will try and source it for you and add it to your quote.

We have partnered with logistics companies to try to offer a range of delivery or shipping options, ranging from local courier to international flights, road and sea options...this forms part of our holistic offering to our clients.

To better serve our clients in Africa and to assist in the “buy local” initiatives, we have established registered distributors in Botswana, Namibia and DRC. We also re sell to numerous reliable companies who buy from us on an ongoing basis in other African destinations, as such our footprint is broad.

We look forward to being of service to you and remain available to answer and questions or needs.

ANNUAL SPONSOR Spotlight

Acknowledging the organisations whose partnership helps drive **learning, innovation** and **opportunity** across the geoscience sector.



cimera

DSTI-NRF CIMERA
Centre of Excellence for
Integrated Mineral and Energy
Resource Analysis

DSTI-NRF Centre of Excellence for Integrated Mineral and Energy Resource Analysis (CIMERA) is hosted by the Department of Geology at the University of Johannesburg (UJ), and co-hosted by the School of Geosciences at the University of the Witwatersrand (Wits).

DSTI-NRF CIMERA was launched in 2014 under the Centre of Excellence (CoE) initiative of the National Research Foundation (NRF), a division of the South African Department of Science, Technology and Innovation (DSTI). CoEs are strategic national assets that concentrate research excellence, capacity and resources in order to enhance the pursuit of research excellence and capacity development.

Who is DSTI-NRF CIMERA?

We are an academic research unit facilitating scholarship and research training through collaborative partnerships in geosciences. Our mission is to provide equal opportunities to Geoscience postgraduate students and academic staff at South African universities, enabling relevant geoscience research and to broaden skill sets. Outcomes driven research is grounded on partnerships and teamwork, advancing academic excellence, geoscientific inquiry, and impactful geoscience research.



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DSTI-NRF CIMERA PARTNERSHIPS

DSTI-NRF CIMERA has established a diverse, collaborative, and enabling environment for advanced research in mineral and energy resources, and geoscience for society. The Centre brings together leading academic, postdoctoral and postgraduate geoscientists from across South African universities (Cape Town, Fort Hare, Free State, Johannesburg, Limpopo, Pretoria, Rhodes, Stellenbosch, KwaZulu-Natal, Venda, Western Cape, and Wits). International collaborations extend to the Helmholtz Institute Freiberg for Resource Technology in Germany and University of Patras in Greece. These partnerships are further strengthened through Memoranda of Understanding with the Council for Geoscience, Anglo American, and other stakeholders. CIMERA continues to explore new strategic partnerships to further enhance its research impact.

OUR RESEARCH EXPERTISE

Through our extensive consortium network of geoscientists, DSTI-NRF CIMERA has expertise in many facets of economic geology and geology for society. This includes iron and manganese ore bodies; kimberlite and diamonds; early earth mineral systems; paleogeographic continental reconstructions (paleomagnetic studies); the Bushveld Complex and other large igneous provinces; Witwatersrand and other gold deposits; base and critical metals (including rare earth elements (REE)); base metal deposits; coal, shale gas, oil; advanced analytical equipment; environmental geosciences; as well as geoscience for society. Involvement in the ICOP projects enables the expansion of the understanding of the early Earth's evolution. Completed large co-funded research projects include the Karoo Research Initiative project (KARIN), the Agouron GOE biomarker drilling project, the CHARPHITE (ERA-MIN) project, the South African Au and PGM Resource Atlas (SAMERDII), the EU-funded H2020 AISICAL project, the ICOP Base Moodies project, and more recently the ICOP Bushveld Drilling Project. Multi-university research is ongoing for the Kunene Complex project in collaboration with Anglo American.

Our Impact Since 2015



RESEARCH FOCUS AREAS

Purpose: to guide research direction and provide a forum for networking and discussions within a commodity thrust.



Exploration geometallurgy, geophysics, geochemistry and small-scale mining opportunities form part of many of the above focus areas, as does analytical development, 4IR big data processing, and training in the geosciences.

Research is guided by the Steering Committee and the Scientific Advisory Committee, with input from collaborating partners, industry, parastatals, Government, and international organisations.





GSSA book donation to Wits| UniVenda |UniLimpopo



From June 24 to July 3, Wits Geosciences hosted an empowering initiative sponsored and supported by ARM. A group of 33 students and academic staff from Univen and Limpopo University participated in a winter bootcamp aimed at enhancing their skills in geophysics, geochemistry, mineral processing, and economic geology. This program was led by Prof. Glen Nwaila and Wits academic staff. The experience has been positive and transformative for both the students and faculty. We hope this winter bootcamp will become a tradition that helps bridge the skills gap between Wits and disadvantaged universities in South Africa.



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KAYLA BUCHANAN **JOHN HANDLEY AWARD**

Dissolved and particulate iron in the Atlantic sector marginal ice zone of the Southern Ocean.

Supervisors: Prof. AN Roychoudhury & Dr S Samanta

I am originally from Somerset West in the Western Cape and completed all my tertiary studies at Stellenbosch University, where I spent six years studying Earth Science. I completed my undergraduate and Honours degrees in the field before going on to pursue a Master's degree. I have always had a curious mind and a strong interest in understanding why things are the way they are in my environment, which naturally led me to pursue a career in environmental science. During my third year, I was given the opportunity by my supervisor to join a winter research cruise on the SA Agulhas II. This experience sparked my interest and ultimately shaped both my Honours and Master's research. My MSc focused on trace metal biogeochemistry in the Southern Ocean, where I investigated the behaviour and cycling of iron in the Antarctic sea ice environment. This work required a high level of precision and careful data handling, and it played an important role in developing my meticulous and detail-oriented approach to scientific work.

Following my studies, I recently relocated to Johannesburg to begin my professional career as an Environmental Advisor at Hatch, an engineering consulting firm. I am currently based on-site in Mozambique, where I am responsible for implementing and managing environmental monitoring programmes.

My day-to-day work includes coordinating field sampling, monitoring water quality and biodiversity, overseeing waste management practices and ensuring compliance with environmental regulations and project requirements. The role is providing me with valuable exposure to the practical side of environmental management, particularly in a dynamic, field-based setting.

At this early stage in my career, my focus is to build a strong foundation through hands-on field experience. I am particularly interested in gaining a deeper understanding of how environmental systems function in real-world project environments, and how effective monitoring can inform better environmental management and decision-making. I see this as an important stage for developing both my technical skills and practical judgement.

In the longer term, I am open to pursuing a PhD if I identify a specific niche that I am passionate about and would like to explore further. My academic background has given me a solid grounding in research, and I remain interested in the possibility of returning to this space once I have gained more practical experience in the field.

Outside of work, I enjoy trail running, camping, and spending time outdoors. I also enjoy birding, which ties in closely with both my personal interests and professional work, as it keeps me engaged with biodiversity in a practical and enjoyable way. Overall, I am motivated to continue developing my skills and knowledge, with the aim of building a meaningful and well-rounded career in the environmental field.



KABELO LEHUTJO **SACNASP AWARD**

I am currently a first year M.Sc. by dissertation student at Wits University, and I am working on a project that is studying the petrographic, geochemical, and geochronological nature of a series of Archaean amphibolitic orthogneisses and granitoid rocks that are intersected by a historical drillcore from the Morokweng Impact Structure. I am an aspiring structural geologist and have a deep interest in studying metamorphic rocks where outside of my studies I have a wide variety of interests ranging from the arts (I enjoy studying drawings, paintings, sculptures, plays etc.), contact sports (rugby - which I used to play, greco-roman and freestyle wrestling), and music (I enjoy jazz, classical, and gospel music).

Some things I hope to try in future are going out more on hikes and also going out to music festivals or live plays. Outside of these interests, I am passionate about mentorship and sharing the knowledge I have with others. I am a peer mentor within a mentorship programme called Bridge the Gap at the Wits School of Geosciences where I offer academic support/career guidance to first and second year students. I am also actively involved at the school as a teaching assistant where I assist lecturers with running practicals, marking scripts and demonstrating during field trips (mainly for the 3rd year structural geology, advanced mapping and metamorphic petrology courses and I will soon be assisting with a geological mapping course for mining engineering students).

My career aspirations are to hopefully someday pursue a career in academia, however somewhere along my journey I hope to gather some industry experience as a structural-focused exploration geologist. This is due to an appreciation I have of how exploration can be used as a powerful tool to bring economic development (through mineral resource extraction), to vulnerable communities in areas where mineral resources may be present. In closing, there's a quote by Maureen Baginski regarding knowledge (and sharing it) which resonates with me, that says; 'hunt for knowledge, don't just gather it. Disseminate that knowledge, and don't just aggregate it.'





JAMES LE ROUX **HAUGHTON AWARD**

Cross-validating Engineering Geology and Electrical Resistivity Tomography (ERT) data for a Tailings Storage Facility

Supervisor: Ms Mampho Maoyi

One of the things I enjoy most about engineering geology is the problem-solving aspect of the work. Every site is different, and each project brings its own ground conditions, constraints, and lessons. I enjoy working through these challenges and finding practical ways to apply what we observe in the field. To me, no problem should feel too big to approach. We should not limit ourselves to the obvious solution, but should be willing to think differently, imagine new possibilities, and explore innovative ideas.

I studied Engineering Geology at the University of Pretoria, obtaining my undergraduate degree before completing my Honours in 2025. My studies helped shape the way I see geology, not only as a science, but as a practical tool that can be used to understand real-world problems and support engineering decisions. I am currently employed at Jones & Wagener Engineering and Environmental Consultants, where I work as a young engineering geologist. I am very grateful to be part of a team that has guided, challenged, and supported me as I continue to find my feet in the professional environment.

I believe engineering geology plays an important role in strengthening the connection between the geological and engineering fields.

I am currently employed at Jones & Wagener Engineering and Environmental Consultants, where I work as a young engineering geologist. I am very grateful to be part of a team that has guided, challenged, and supported me as I continue to find my feet in the professional environment.

I believe engineering geology plays an important role in strengthening the connection between the geological and engineering fields. It allows geological observations to be translated into information that can help solve real engineering problems. Looking ahead, I hope to keep building my experience in the industry and, in future, pursue Master's studies that will allow me to further develop my technical knowledge and contribute to practical, real-world solutions.

Outside of work, I enjoy being outdoors, running, and spending time with friends and family. I also enjoy a lekker braai and watching a good game of rugby. Receiving this award is a great honour, and I am truly thankful for the recognition. At this early stage of my career, it is both encouraging and humbling. I am grateful to God for the opportunities, support, and people who have helped me along the way. I am also thankful to the GSSA for this award and for the role it plays in supporting students and professionals in the geosciences.

I would also like to thank my lecturers, colleagues, supervisors, friends, and family for their support and encouragement. I would especially like to acknowledge Dr. Mampho Maoyi and Professor Matthys Dippenaar for their guidance and contribution to my development as a young engineering geologist. I know I still have a lot to learn, but this award motivates me to stay curious, work hard, and continue striving toward innovative ideas and real-world solutions.



LANCO MOGUDI **CORSTORPHINE AWARD**

The Paleoproterozoic Negaunee Iron Formation of the Marquette Range Supergroup in Minnesota, United States of America: A case study in post-Great Oxidation Event iron formation deposition.

Supervisors: Prof. A.J.B. Smith and Prof. J. Gutzmer

Lanco Mogudi is a passionate and dedicated graduate geologist holding a Master's degree in Geology from the University of Johannesburg, supervised by: Prof. AJB Smith and Co-supervised by: Prof. J. Gutzmer. My master's research dissertation focused on advancing the understanding of iron formation deposition following the Great Oxidation Event. I had the privilege of presenting this research as an oral presentation at the hybrid Stellenbosch Geocongress in January 2023.

Currently, I am gaining operational experience in underground coal mining at Exxaro, where I specialize in coal quality management and grade control. My responsibilities include monitoring coal quality, ensuring compliance with product specifications, and implementing effective grade control practices throughout mining and processing operations. I collaborate closely with geologists, mine planners, surveyors, and production teams to optimize coal recovery while consistently meeting customer quality requirements. I am driven by a passion for earth sciences and responsible resource development. I am committed to maintaining high geological standards, supporting safe and efficient mining operations, and contributing to sustainable resource management. Through continuous learning, technical excellence, and collaboration, I strive to make a meaningful contribution to the success of both the mining industry and the broader geoscience profession.

The logo for SAMCODES, featuring the word in a stylized blue font.The logo for SNIPPETS, featuring the word in a stylized blue font.

The Makeup of the SSC (CGS, DMPR and MCSA)

The Council for Geoscience (CGS), the Department of Mineral & Petroleum Resources (DMPR), and the Minerals Council South Africa (MINCOSA) are three cornerstone institutions in South Africa's mining and petroleum landscape. Each plays a distinct role—scientific, regulatory, and industry advocacy respectively—yet all are deeply connected through their alignment with the SAMCODES.

Council for Geoscience (CGS)

The Council for Geoscience (CGS) is South Africa's premier geoscience research institution, established under the Geoscience Act of 1993 as the successor to the Geological Survey of South Africa. Its primary mandate is to generate, curate, and disseminate geoscientific knowledge that supports national development, resource management, and investment in the country's mineral and petroleum sectors.

At its core, the CGS is responsible for geological mapping and surveying, producing datasets that underpin exploration and mining activities. These include geophysical surveys, geochemical sampling, and stratigraphic studies that help identify mineral potential and guide exploration companies. Beyond resource exploration, the CGS plays a vital role in environmental and hazard assessment, monitoring seismic activity, groundwater resources, and geotechnical risks. This ensures that development projects are informed by accurate scientific data, reducing risks to communities and infrastructure.

The CGS also acts as a strategic advisor to government, providing evidence-based input on policy, legislation, and sustainable resource use. Its work supports national priorities such as economic growth, energy security, and transformation in the mining sector. By maintaining high-quality geoscientific archives and databases, the CGS ensures that South Africa remains competitive in attracting exploration investment.

READ MORE



GSSA ANNUAL GENERAL MEETING

16 JULY 2026 - COUNTRY CLUB JOHANNESBURG



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GET IN TOUCH TODAY!

Contact: Loni Gallant
lonigallant@icloud.com

TOGETHER, LET'S SHAPE THE FUTURE OF GEOSCIENCE.

WWW.GSSA.ORG.ZA