

# 29<sup>th</sup> Colloquium of African Geology

"The earth sciences and Africa's development: current realities, future projections"

## 26 – 29 September 2023 | Windhoek, Namibia

Call for proposals of sessions and conveners, field trips, meetings, workshop, and short courses



The Lion's Claw, a distinctive rock formation at the World Heritage site of /Ui-//aes, also known as Twyfelfontein in the Kunene Region, Namibia

"Namibia the World's Geological Paradise"

www.cag29gsaf.org

Spearheaded by the Geological Survey of Namibia

Partners / stakeholders include:



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#### MESSAGE FROM THE PRESIDENT OF THE GEOLOGICAL SOCIETY OF AFRICA (GSAf)

The Colloquium of African Geology (CAG) is a major biennial meeting, held under the auspices of the Geological Society of Africa, where earth scientists from around the globe have the opportunity to present



their research on topics of African geology to an international forum of their peers. It also offers an opportunity to initiate, develop and implement projects which promote interaction between Academia, Industry and Society.

The 28<sup>th</sup> Colloquium of African Geology (CAG28), hosted by Morocco, it was announced that the 29<sup>th</sup> Colloquium (CAG29) would be hosted by Namibia during the final week of September 2023. The theme of the event will be:

# "The earth sciences and Africa's development: current realities, future projections"

The event will be attended by senior and early-career earth scientists from government, associations, mineral exploration and mining companies and civil societies, as well as

representatives from politics and the media are welcome. Career scientists from African countries and other developing areas are especially encouraged to regard this event as an opportunity to present their research to a wide audience, with participations from different sectors, countries, and continents. Namibia, the host country, boasts an interesting, heterogeneous geology covering some 2.6 billion years of earth history, with a wide variety of mineral deposits and mineralization styles, that have contributed - and still contribute-immensely to

the country's economy. In addition, Namibia's impressive geomorphic landscapes have great potential for geotourism, while the host city, Windhoek, is a culturally diverse centre of learning. Academically, the geoscientific sessions and excursions highlighted in this circular and following circulars promise to provide a deeper insight into the multi-faceted geological history of the African continent.

I therefore enjoin all geoscientists globally, therefore, to start making plans to attend what will be an interesting and geologically fulfilling event, which will be held in Namibia from September  $26^{\text{th}}$  to  $29^{\text{th}}$  2023.

Prof. Olugbenga Okunlola gbengaokunlola@yahoo.co.uk



### MESSAGE FROM THE CHAIRPERSON OF THE ORGANIZING COMMITTEE



It is a great pleasure to invite you all to Namibia to take part in the 29<sup>th</sup> Colloquium of African Geology (CAG29). The Local Organizing Committee and the National and International Scientific Committee, with support from various sponsors, will endeavour to put together a program that does justice to this year's theme "The earth sciences and Africa's development: current realities, future projections".

Hosting CAG29 in Namibia gives us a unique chance to showcase our country's spectacular geology to Africa and the rest of the world, as well as to raise Namibia's visibility as a premium geoscience destination.

For you, attendance of CAG29 may present a once-in-a-lifetime opportunity to

come to the beautiful city of Windhoek and participate in an exciting scientific program covering the breadth of the geosciences, experience fascinating geological features in the field, network with the international geoscience community, or to hold business meetings in a congenial and relaxed setting. Whether you are from industry, government or academia, you will find a full and interesting program at CAG29.

This First Circular provides important information to assist delegates planning their participation in CAG29. The full schedule will be announced in the second circular. Preliminary field trip information is also available in this circular.

Please, complete the "Join the mailing list" form when visiting the website <u>https://cag29gsaf.org/</u> to automatically receive updates and news.

The appreciation of the Organizing Committee goes to the many members of the geoscientific community around the world who have shown interest in this prestigious event over the past years and decades. It is our hope that you will be able to join us for the 29<sup>th</sup> Colloquium of African Geology and we look forward to welcoming you in Windhoek in September of 2023. While many of you will be no strangers to Namibia, we venture to suggest that our multihued country may still have some new aspects to offer – geologically and otherwise!

Mrs. Anna Nguno Anna.Nguno@mme.gov.na / cag29.whk@gmail.com



Bogenfels Rock Arch, a 55 metre-high rock arch situated on the coast between Lüderitz and Oranjemund, Karas Region, Namibia

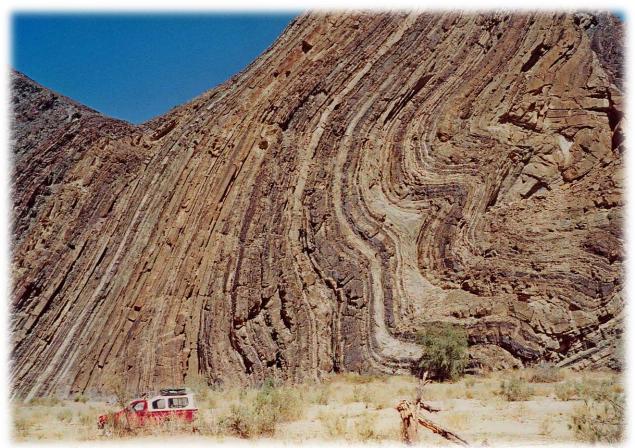
## **INTRODUCTION**

The Geological Survey of Namibia is the principal organizer of the 29th Colloquium of African Geology (CAG29) on behalf of the GSAf, as well as in cooperation with various stakeholders, including the Young Earth Scientists (YES) Network Namibia, the Geoscience Department-University of Namibia, the Geoscience Council of Namibia, the Namibian Hydrogeological Association, and the Department of Mining and Process Engineering-Namibia University of Science and Technology. The Local Organizing Committee (LOC) is quite dynamic and diverse in its composition, with representatives from associations, institutions, mining companies, governmental and non-governmental organizations, and the media.

The Colloquium of African Geology (CAG) is a major biennial meeting organized under the auspices of the Geological Society of Africa (GSAf). Professor W. Q. Kennedy, assisted by Dr. Tom Clifford, convened the very first CAG at the University of Leeds, England, in March 1964. There was a pulse of excitement that electrified the assembled audience from Africa, Europe, North and South America, Australia and New Zealand when Prof. Kennedy announced his new concept of a 'Pan-African thermo-tectonic event'.

Since then, there have been 28 events, 18 of which were held in Europe, and only 10 in Africa, specifically in South Africa, Ethiopia, Tanzania, Nigeria, Swaziland, Zimbabwe, Morocco(twice), Mozambique and Tunisia.

With the inspiring theme "The earth sciences and Africa's development: current realities, future projections", CAG29 will be held at the Safari Hotel Conference Centre, Windhoek, from September 26<sup>th</sup> to 29<sup>th</sup>, 2023. At this stage of the organization, the LOC is calling for abstracts, as well as proposals of sessions and conveners, workshops, short courses, exhibitions, and more field trips. The Second Circular, to be released by *31 March 2023*, will give details of the Colloquium's scheduled activities.



Folded Schist and Marble (Pan-African Damara Orogenic belt) in the Ugab Valley, Namibia)

#### PROPOSED OVERALL STRUCTURE OF THE CAG29

The general program structure will be as follow:

Pre-CAG29 field trips	18 to 24 September 2023	
Online registration opens on the conference website	26 March 2023	
On-site registration opens, exhibition set-up	Midday, 25 September 2023	
Welcome reception and ice-breaker	Evening, 25 September 2023	
Opening ceremony	Morning, 26 September 2023	
Scientific Program	26-29 September 2023	
Gala Dinner	27 or 28 September 2023	
GM Geological Society of Africa	29 September 2023	
Business meetings and activities for accompanying	25-30 September 2023	
participants		
Workshops and Short Courses	18 September to 07 October 2023	
Post- CAG29 field trips	30 September & 07 October 2023	

#### CALL FOR PROPOSALS OF SESSIONS, MEETING, WORKSHOPS AND SHORT COURSES

The Local Organizing Committee (LOC) invites everyone to propose:

#### **Sessions**

All sub-themes are allowed to have several sessions with conveners. Interested candidates wishing to set up a session should fill in an online form (<u>https://cag29gsaf.org/registration/</u>) or send an email (<u>cag29.whk@gmail.com / cag29@mme.gov.na</u>) with the following:

- Session tittle (max. 150 characters, including spaces)
- Short description (max 1500 characters, including spaces)
- Lead conveners (name, affiliation and email address)
- Co-convener(s) (name, affiliation and email address)
- Keywords (max. 6)

Session proposals must be submitted by 28 February 2023.

#### Workshop and short courses

We invite the submission of workshop and short course proposals. Workshops will be held before and after the scientific programme of oral and poster sessions. If you are interested in proposing a Workshop or short course, please provide the following information:

- Address of the convener(s) (name, affiliation and email address)
- Workshop or short course tittle (max. 150 characters, including spaces)
- Indicate whether it will be before or after the Scientific Program session.
- Short descriptions (max. 1500 characters, including spaces)

Submit the proposal using the online form (<u>https://cag29gsaf.org/registration/</u>) or by email (<u>cag29.whk@gmail.com / cag29@mme.gov.na</u>). The deadline for the submission of proposal is 15 March 2023.

#### Business meetings

We encourage you all to submit proposals for business meetings to be held during the CAG29. The deadline for the submission of proposal is 1 August 2023.

#### PRELIMINARY FIELD TRIPS / EXCURSIONS

Several pre- and post-conference excursions and field trips are scheduled to take place before and after CAG29 indoor meeting. Proposed field trips includes:

- 1. Namibian carbonatites and REE deposits (Leader: Pete Siegfried (Namibia))
- 2. Neoproterozoic stratigraphy of the southern margin of the Congo craton: Rodinia rifting, Snowball Earth, and early Gondwana assembly (Leaders: Francis A. Macdonald, Adrian Tasistro-Hart, and Galen P. Halverson, (USA)).
- **3.** Sperrgebiet palaeontology, geology and Diamond deposits (Leaders: Brigitte Senut (France), Martin Pickford (France), Helke Molke (Namibia), John Ward (South Africa))
- 4. Damara transect (Leaders: Jerome Lehmann & Alex Kisters, (South Africa))
- 5. Namibian Base Metal Deposits, Otavi Mountainland (Leader: Rob Bowell, USA/Cananda)
- 6. Windhoek water supply (Leader: Greg Christelis, Namibia)
- 7. Field visit to Namibian Gold Mines and projects (Leader: Volker Petzel, Namibia)
- 8. Onganja Mine Visit (Leader: Rob Carr, Namibia)
- 9. Mid Triassic Rocks & Fossils of Etjo Mountain (Leader: Roger Smith, (South Africa)))
- 10. Naukluft Mountains (Leader: Christie Rowe, Canada)
- 11. Proposed Geopark in the Erongo and Kunene Regions (Leader: Kombada Mhopjeni, Namibia)
- 12. Uranium Province in Namibia (Leader: Gabi Schneider, Namibia)
- 13. Gamsberg and Nauchas area-Spreetshoogte Pass-Geotouristic (Leader: Dr. Thomas Fullgraf, France)

Dates and detailed information to be confirmed soon. Participation is on a first-come, first-served basis and subject to availability.

#### **EXHIBITIONS**

The exhibitions will offer a unique networking opportunity for Earth Scientists to meet representatives from rresearch institutes and companies. It will also allow companies to carry out marketing and business development. The exhibitions will be open for the duration of the conference.

#### REGISTRATION

The online registration form will be available at (<u>https://cag29gsaf.org/registration/</u>) by 26 March 2023 and will be accessible untill 10 September 2023. Participants who prefer to register using a printed form can access the printable registration form from the website. The form should be sent to the CAG29 Secretariat by email at cag29.whk@gmail.com / cag29@mme.gov.na.

Participants are required to pay registration fees by bank transfer or deposit not later than one week after registration and not later than 14 September 2023 (bank transfer details will be posted soon). Please send your proof of payment to the secretariat. After 14 September 2023, it will be possible to pay the on-site registration fee at the Conference registration desk.

Category	Early bird	Late	On site
<b>GSAf Members and</b>	N\$ 4000	N\$ 4500	N\$ 4500
Affiliates	(Euro 250 / US\$ 270)	(Euro 300 / US\$ 330)	(Euro 300 / US\$ 330)
Accompanying person	N\$ 2000	N\$ 2500	N\$ 2500
	(Euro 120 / US\$ 130)	(Euro 150 / US\$ 170)	(Euro 150 / US\$ 170)
Student	N\$ 2000	N\$ 2500	N\$ 2500
	(Euro 120 / US\$ 130)	(Euro 150 / US\$ 170)	(Euro 150 / US\$ 170)
Nonmembers	N\$ 4500	N\$ 5000	N\$ 5000
	(Euro 300 / US\$ 330)	(Euro 350 / US\$ 380)	(Euro 350 / US\$ 380)

#### **REGISTRATION FEES** (local payment should be made in Namibian Dollar, N\$)

#### ABSTRACT SUBMISSION FOR CAG29

Abstracts will be accepted for either oral or poster presentations and will be reviewed and accepted by the scientific committee. More information on the abstract format and submission will be communicated in the second secular, to be release on 31 March 2023.

#### CAG29 LANGUAGE

English will be the official language of CAG29. We kindly ask all participants to prepare abstracts, posters and oral presentations in English.

#### SCIENTIFIC SUB-THEMES

	SUB-THEMES
	SUB-Themes CAG29 (Suggestion)
1	The African Geological Record, Palaeontology, ancient environments and paleoclimates
2	Geodynamic evolution of the African continent: geochronology, mobile belts, and intraplate magmatism.
3	Ore deposit geology of Africa (Mineral Resources and ore forming processes)
4	Geophysics and Geochemistry – Peering into the subsurface and Integrated approaches in Geosciences
5	Hydrogeology and water sustainability under a changing climate
6	Geology in the service of society: agrogeology, medical geology, engineering geology and geohazards
7	Geoparks, Geotourism and Geo-ethics for Promoting Earth Heritage
8	The role of Fossil Fuels in Africa's Energy Transition to carbon neutral economies
9	The role of the Mineral Industry in the Green Hydrogen Energy Economy
10	Africa's Nuclear Fuel Resources: Potential Benefits and Challenges
11	Investment in the Mineral Industry: green fields exploration and extractive industry: policy issues, legislations, potentials, challenges, governance and best practices
12	Geoscience Education for Sustainable Development
13	The fourth Industrial revolution and its impact on mineral resource countries

#### PUBLICATIONS: SPECIAL ISSUE OF THE JOURNAL OF AFRICAN EARTH SCIENCES

The CAG29 proceedings will be compiled, and selected papers will be considered for publication in the special issue of the Journal of African Earth Sciences.

#### **SPONSORSHIP**

The LOC are interested in sponsors for specific events during the Colloquium. This will include the technical sessions and workshops, conference materials and excursions. Delegate sponsorship packages are also available for organizations wishing to sponsor attendance by student, earlycareer and other delegates.



#### Social programs

Social activities include the icebreaker party and reception and a sightseeing tour of Windhoek. Day trips to geotouristic highlights are also available.

#### IMPORTANT DATES FOR THE SCIENTIFIC PROGRAM

Please take note of the following deadlines:

Scientific Program	Date
Session proposals deadline	28 February 2023
Release of second circular	31 March 2023
Early-bird registration open	26 March 2023
Abstract submissions period open	1 April 2023
Field-trip registration open	1 June 2023
Abstract Submissions period close	26 May 2023
Field-trip registration Closes	1 July 2023
Start of notifications of accepted abstracts	1 June 2023
Online registration and payment deadline	14 September 2023
Deadline for presenting author registration	1 August 2023
Release of third circular (final programme)	14 August 2023

## GENERAL INFORMATION

#### VISAS

All foreign visitors' s passports must be valid for at least 6 months beyond their intended stay. For more information on visa requirements to visit Namibia, see:

https://mha.gov.na/web/mhai/countriesexempted-from-visa-requirements . The secretariat will provide a letter of invitation for visa purpose to delegates who have paid the full

#### Accommodation

registration fee.

Information will be provided in the Second Circular.

### Venue- Safari Hotel

The Safari Hotel is conveniently located across the road from the Geological Survey of Namibia, on the southern outskirts of Windhoek.

#### Currency of Namibia

The Namibian Dollar (symbol: N\$, code: NAD) is the official currency of Namibia. The South African Rand is also legal tender in Namibia.

### CAG29 CONTACT DETAILS

#### Secretariat

The Geological Survey of Namibia is the principal driving force behind the 29th Colloquium of African Geology - CAG29 and host the CAG29 Secretariat. Please direct all main enquiries to: cag29.whk@gmail.com / Cag29@mme.gov.na

#### Geological Society of Africa's Executive Committee / Members

Prof. Olugbenga Okunlola: **President** Dr. Maideyi Meck: **Secretary General** Dr. Maideyi Meck: **Secretary General** Dr. Asfawossen Asrat: **Treasurer** Prof. Prosper M. Nude: **Membership secretary** Dr. Yao Agbossoumonde: **Vice President (West)** Prof. Beneah Odhiambo: **Vice President (East)** Prof. Nasrrddine Youbi: **Vice President (North)** Mrs. Anna- Karren Nguno: **Vice President (South)** 

Mr. Léon Bora Uzima Bahavu: Vice President (Central)

Mr Jean-Claude Ngaruye: Councillor (East) Dr Kholoud Mohamed: Councillor (North) Mr. Paulo Tanganha: Councillor (South) Mr. Adama Sangare: Councillor (West) Dr Tamer Abu Alam: Newsletter editor

### ORGANIZATION AND COMMITTEES

#### Local Organizing Committee

The Local Organizing Committee (LOC) is comprised of the dynamic individuals from different organizations and institutions.

#### Executive committee

- 1. Mrs. Anna Nguno (Geological Survey of Namibia (GSN) / Geoscience Council of Namibia): Chair
- 2. Ms. Ndawedapo Shaanika (Debmarine Namibia): Vice-Chair
- 3. Ms. Selma Uusiku (Debmarine Namibia): Second-Vice- Chair
- 4. Mr. Samuel Nengola (Geological Survey of Namibia): Secretariat
- 5. Dr. Andreas Salom (Mining & Public Sector, Nedbank): Treasurer
- 6. Mr. Betram Swartz (Namibian Hydrogeological Association / Ministry of Agriculture, Water and Land Reform) Vice-Treasurer
- 7. Prof. Benjamin Mapani (Namibia University of Science and Technology): Scientific Program Chair
- 8. Mr. Fernando Sylvester (Nautilus Mining & Energy): Scientific Program Vice-Chair
- 9. Ms. Ester Shalimba (University of Namibia): Scientific Program Second-Vice-Chair
- 10. Dr. Gabi Schneider (Namibian Uranium Institute / Geoscience Council of Namibia): National and International Committee Chair
- 11. Ms. Kombada Mhopjeni (Geological Survey of Namibia / UNESCO Windhoek): National and International Committee Vice-Chair
- 12. Dr. Roger Swart (BlackGold Geosciences cc / Geoscience Council of Namibia): Field Trip, Courses and Workshops Chair
- 13. Mrs. Mary Barton (Odikwa Investments CC): Field Trip, Courses and Workshops Vice-Chair
- 14. Mr. Vilho Shafombabi (Navachab Gold Mine): Sponsorship / Fundraising / Exhibitions Chair
- 15. Ms. Inge Mbidi (Geological Survey of Namibia): Sponsorship / Fundraising / Exhibitions Vice-Chair
- 16. Mrs. Ester Gustavo (Namibian Hydrogeological Association / SLR Environmental Consulting-Namibia): Social Events Chair.
- 17. Ms. Emilia Shiweda (B2Gold): Social Events Vice-Chair
- 18. Ms. Josephine Uushona (Geological Survey of Namibia / YES-Network-Namibia): Student & Early Career Geoscientist Chair
- 19. Ms. Halleluya Ekandjo (iCRAG at University College Dublin, Ireland): **Student & Early Careers Geoscientist Vice-Chair**
- 20. Mr. Mbili Tsiningayamwe (University of Namibia): Student & Early Careers Geoscientist Second-Vice-Chair

#### Secretariat & Other Members

#### Secretariat Members

- 1. Ms. Faith Bio (GSN): Assistant Secretariat & Media Communications
- 2. Mr. Joshua Nakale (GSN-BGR): Website and Apps
- 3. Ms. Claudia Mutongolume (GSN)
- 4. Ms. Michelle Hailonga (GSN)
- 5. Mr. Sam Shuuya (GSN)
- 6. Mrs. Paulina Pokolo (GSN)
- 7. Ms. Asteria Mwetulundila (Ministry of Agriculture, Water and Land Reform)
- 8. Ms. Alina Kadhila (NAMWATER)
- 9. Mr. Martin Hipangwa (GSN)
- 10. Mrs. Ester Kapuka (GSN)
- 11. Mr. Moses Tuutaleni Angombe (GSN- McGill University, Canada
- 12. Ms. Josephine Uushona (GSN)



#### National and International Committee Members

- 1. Ms. Kaarina Ndalulilwa (Gecko Exploration)
- 2. Lameck Kamati (NAMCOR)

#### Student & Early Career Members

- 1. Mr. Moses Tuutaleni Angombe (GSN-McGill University, Canada
- 2. Ms Giesberta Shaanika (GSN / YES-Network-Namibia)
- Mr. Gideon K. Haingura (Rare Metals Explorers CC/ Geotrend & Research Data Solutions CC)
- 4. Mr. Josia Tulongeni Shilunga (University of Namibia / Stellenbosch University)
- 5. Mr. Ndafyaalako Mtundeni (NAMCOR)
- 6. Mr. Nerson Tjelos (Excel Dynamic Solution)
- 7. Ms. Selma Shipunda (GSN)

#### Social Events Members

- Ms. Anna David (Namibian Hydrogeological Association / Ministry of Agriculture, Water and Land Reform)
- 2. Ms. Rachel Maswahu (GSN- Ministry of Education, Arts and Culture)
- 3. Mr Andreas Simon (Ministry of Mines and Energy)

#### Scientific Committee Members Preliminary Local Scientific Committee

- 1. Dr. Absai Vatuva
- 2. Dr. Nortin Titus
- 3. Dr. Roy McG. Miller
- 4. Mr. Manfriedt Muundjua
- 5. Dr. Peter C. Schreck
- 6. Dr. Sindila Mwiya
- 7. Mr. Charlie Hoffmann
- 8. Dr. Vicky Do Cabo
- 9. Ms. Fila Mbingeneeko
- 10. Dr. Martin Hipondoka
- 11. Ms. Frieda Thomas
- 12. Dr. Gabi Schneider
- 13. Mr. Greg Christelis
- 14. Mrs. Helke Mocke
- 15. Mr. Rainer Elmies
- 16. Ms. Johanna Linus
- 17. Dr. Kamwi Siseho
- 18. Mr. Micheal Haimbodi
- 19. Ms. Selma Muundjua

- 3. Alina Narubes (NAMCOR)
- Gettie Shiinda (Namibian Hydrogeological Association / Ministry of Agriculture, Water and Land Reform)

#### Field Trip / Excursion, Courses and Workshops

- 4. Mr. Ewereth Muvangwa (GSN)
- 5. Mr. Gerhard Shifotoka (GSN)
- 6. Mr. Gavin Kavindikiza (GSN)
- 7. Mr. Greg Christelis, (Consultant)
- 8. Mr. Jason Indongo (GSN)
- 9. Mr. Micheal Haimbodi, (Consultant)
- 10. Mr. Kasuto (GSN)
- 11. Mr. Badumisa Sibolile (GSN)
- 12. Ms. Lovisa Amukwa (Debmarine Namibia)

#### Scientific Program Committee Members

- 1. Dr. Josefina Hamutoko (University of Namibia)
- 2. Mr. Andreas Nduutepo (GSN)
- 3. Prof. Sommer Holger (University of Namibia)
- 4. Dr. Collen-Issa Uahengo (University of Namibia)
- 5. Dr. Martin Harris (University of Namibia)
- 6. Mr. Bufelo Lushetile (GSN)
- 7. Mr. Abraham Shipandeni (GSN)
- 8. Ms Wilka Embula (GSN)
- 20. Dr. Ute Schreiber
- 21. Ms. Nansunga Kambinda
- 22. Dr. S'lindile Buthelezi-Wela
- 23. Prof. Akaha Tse
- 24. Dr. Innocent Muchingami
- 25. Dr. Gilbert Chongwain
- 26. Dr. Uugulu Shopala
- 27. Mr. Mulife Shiyambango
- 28. Dr. Brian Matengu
- 29. Dr Ansgar Wanke
- 30. Mr. Gilbert Jemwa
- 31. Mr. Aphary Muyongo
- 32. Mr. Israel Hasheela
- 33. Mr. Martin Quinger
- 34. Mr. Elkan Utoni
- 35. Ms. Annemarie Militzer
- 36. Dr. Simon Shanyengana
- 37. Mr. Kgaleye Mogotsi
- 38. Mr. Pete Siegfried

#### Preliminary International Scientific

#### Committee

- 1. Prof. Youssef Driouch, Morocco
- 2. Prof. Olugbenga Okunlola, Nigeria
- 3. Dr. Paul Macey, South Africa
- 4. Prof. Paul F. Hoffman, Canada
- 5. Dr. Aline Melo, Ireland
- 6. Prof. Wladyslaw Altermann, South Africa
- Dr. Koen Torremans, Ireland
  Dr. Murray Hitzman Ireland,
- 9. Dr. Assinne Tshibubudze, South Africa
- 10. Mr. Tunde Muritala Arisekola, Nigeria
- 11. Prof. Read Mapeo, Botswana
- 12. Prof. Lopo Vasconcelos, Mozambique
- 13. Dr. Felix Toteu, Cameroon
- 14. Dr. Thomas, Fullgraf, France
- 15. Dr. Bob Thomas, South Africa
- 16. Dr. Thomas Muedi, South Africa
- 17. Prof. Ezzoura Errami, Morocco
- 18. Prof. Patrick Ledru, France
- 19. Prof. Harald Stollhofen, Germany
- 20. Ms. Michelle Grobbelaar, South Africa
- 21. Dr. Vunganai Midzi, South Africa
- 22. Dr. Brassnavy Manzunzu, South Africa
- 23. Prof. Raymond Durrheim, South Africa
- 24. Dr. Atalay Ayele, South Africa
- 25. Dr. George Mavunga, South Africa
- 26. Mr. Motsamai Kwadiba, Botswana
- 27. Prof. Mohammed Belkasmi, Morocco
- 28. Prof. Mohammed Bouabdellah, Morocco
- 29. Prof. Hasnaa Chennaoui, Morocco
- 30. Prof. Moha kenne, Morocco
- 31. Prof. Mustapha Elabouyi, Morocco
- 32. Prof. Ahmed Ntarmouchat, Morocco
- 33. Prof. Omar Saddiqi, Morocco
- 34. Prof. Nasrrddine Youbi, Morocco
- 35. Dr. Ben Goscombe, Australia
- 36. Prof. Rainer Klemd, Germany
- 37. Prof. Joachim Jacobs, Germany
- 38. Mr. Bob Felix Ocitti, Uganda
- 39. Dr. Maideyi Meck, Zimbabwe
- 40. Prof Prosper M. Nude, Ghana
- 41. Prof Nasrrddine Youbi, Morocco
- 42. Dr Tamer Abu Alam, Egypt
- 43. Mr. Paulo Tanganha, Angola

- - 44. Mr. Adama Sangare, Mali
  - 45. Dr Kholoud Mohamed, Egypt
  - 46. Mr. Léon Bora Uzima Bahavu, DRC
  - 47. Prof. Beneah Odhiambo, South Africa
  - 48. Dr. Yao Agbossoumonde, Tongo
  - 49. Mr. Jean-Claude Ngarure, Rwanda
  - 50. Prof. Asfawossen Asrat, Botswana
  - 51. Prof Mku Ityokumbul, USA
  - 52. Prof. Nellie Mutemeri, South Africa
  - 53. Dr. Oliver Maponga, Zimbabwe
  - 54. Dr. Galen P. Halverson, USA
  - 55. Prof. Alex Kisters. South Africa
  - 56. Prof. Francis A. Macdonald, USA
  - 57. Prof. Christie Rowe, Canada
  - 58. Dr. Roger Smith, South Africa
  - 59. Prof. Brigitte Senut, France
  - 60. Dr. Martin Pickford, France
  - 61. Dr. John Ward, South Africa
  - 62. Prof. Fred Kamona, Zambia
  - 63. Ms. Amna Ali, Sudan
  - 64. Prof. Gregor Borg, Germany
  - 65. Prof. François Guillocheau, France

#### Honorary / Advisory committee

- 1. Dr. Leake S Hangala, former Permanent Secretary of the Ministry of Mines and Energy in Namibia
- 2. Ms. Zenzi Awases, WiMAN-President, Vice-President-Association of Women in Mining in Afrika (AWIMA)
- 3. Dr. Roy Miller, former Head of the Geological Survey of Namibia.
- 4. Mr. Ibrahim Shaddad, Director General, African Minerals and Geosciences Centre
- 5. Prof. Aberra Mogessie, former President of the Geological Society of Africa
- 6. Dr. Absai Vatuva, Head of UNAM Geology Department, Namibia
- 7. Ms. Gloria Simubali, Head of the Geological Survey of Namibia
- Mr. Arnold Bittner, Managing Director of SLR Namibia & Technical Discipline Manager of African 8. Water Services









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