35TH INTERNATIONAL GEOLOGICAL CONGRESS

27 AUGUST - 4 SEPTEMBER 2016 | CAPE TOWN, SOUTH AFRICA

JUNE 2016

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4rd Announcement Circular

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PROVISIONAL PROGRAMME

The provisional technical program was set during the first week in June, although the schedule of times and venues for presentations and posters will only be finalized mid- July. Currently, there are 4,824 accepted abstracts from over 5,200 submissions, of which 3087 are oral presentations and 1,737 are posters. These are divided between the three core topics, Geoscience in Society (31%), Geology in the Economy (24%) and Fundamental Geoscience (45%). There are between three and fifteen major symposia or general sessions per theme of which there are 48.

There are nine **plenary presentations**, all of which are directed at themes of particular current relevance in the global earth sciences. See the website (**http://www.35igc.org/Themes**). Topics include:

- Formation of continental crust
- Science and the professions: service to society
- Climate and human evolution
- The mining industry and society
- Shale gas – the technical challenges
- Extraction technologies and the life cycle of metals
- Earthquakes in Africa
- Palaeobiology from fossil bones

Under the core theme, **Geoscience in Society**, there are a considerable number of geoheritage and geoconservation presentations. Climate change is a high interest topic (as predicted!). Communication to the public sector is addressed, as is mapping of Africa and the world. Geohazards, engineering geology and environmental geoscience all have strong support. Geoeducation at secondary and tertiary level is well represented. There is considerable interest in professionalism in the geosciences and geoethics. All of these topics are typically under-represented in conferences world-wide, and anyone interested in these subjects should definitely have a close look at this part of the program.

A very wide variety of topics directly related to **Geoscience in the Economy** are included and coverage goes beyond the typical scope of pure economic geology. Of particular note is geostatistical evaluation of mineral deposits as well as mineral economics, topics not normally covered in general geoscience meetings. Mineral exploration is well covered, and ore forming processes is also a strong theme. There are sessions on gold mineralizing systems as well as the crustal gold cycle. Energy resources fall into this stream, with four major themes being coal, petroleum systems, unconventional hydrocarbon sources, and energy in a carbon constrained world. Resourcing future generations is a current IUGS concern, and there is a theme dedicated to that. If you are an 'expert' in a specific aspect of mining and exploration geology, and would like to learn more about related fields, 35TH IGC is the chance to do so.

Twitter

The core theme **Fundamental Geoscience** covers a wide range of topics, particularly highlighting current efforts in geoscience research. Well represented themes include sedimentary processes, basin formation, magmatism, metamorphism, tectonics and the dynamic earth, marine geosciences, palaeontology, and Antarctic and Arctic geology. There are symposia devoted to Hadean, Archaean, Proterozoic and Phanerozoic geology and time scales.

35TH IGC covers a multitude of earth science topics and is a reflection of the state of modern earth science. In recent years there is recognition that earth sciences impact significantly on society and on the global economy, as well as being fundamental to understanding the planet we inhabit. This meeting reflects this. And, in practice, it is nearly impossible to unequivocally categorize a specific subject or presentation into one core stream or another. There is lots of overlap. Spending a couple of hours on the website will be well rewarded.

T**o view the list of accepted abstracts submitted per Theme,** please click on the relevant theme on the programme page: (**http://www.35igc.org/Themes**) and click on the **LIST OF ABSTRACTS** button within the theme selected.

The final programme will be in the 5th Announcement and updated on the Website in July.

ALL PRESENTING AUTHORS HAVE TO BE REGISTERED AND PAID BY 20 JUNE IN ORDER FOR THEM TO BE INCLUDED IN THE FINAL PROGRAMME.

REFERRAL TO GUIDELINES ON WEBSITE

Oral and Poster presenters are requested to view the Guideline instructions pertaining to their presentations.
http://www.35igc.org/Verso/222/GUIDELINES

NOTICE OF CLOSE OF PRE-REGISTRATION

Registration fees are to increase on 20 June to the standard fee with a further fee increase for late registrations or onsite registrations from 27 August.

BOOK NOW! http://www.35igc.org/Verso/60/Registration

REGISTRATION FEES

CATEGORY	STANDARD	LATE / WALK IN
	20 June 2016	**27 August 2016**
Student Young Earth Scientist (YES) Association Member Pensioners >65	R 8 000.00	R 9 000.00
Student Day Delegate	R 3 000.00	R 3 500.00
Delegate	R 11 000.00	R 13 500.00
Day Delegate	R 4 250.00	R 4 2500.00
Exhibitor Staff	R 5 000.00	R 5 000.00
Accompanying person	R 2 500.00	R 2 500.00
Welcome reception guest ticket	R 500.00	R 500.00
Congress dinner (optional at an additional fee)	R 1 300.00	R 1 300.00

FIELD TRIP UPDATE

BOOK YOUR FIELD TRIP BEFORE 17 JUNE TO AVOID THE RATES INCREASE TO LATE REGISTRATION FEES.

Bookings and payment on Early Bird Rates closes **17 June 2016**. From **18 June** to **17 July 2016** a late booking fee will apply. **Rates to be advised online shortly.**

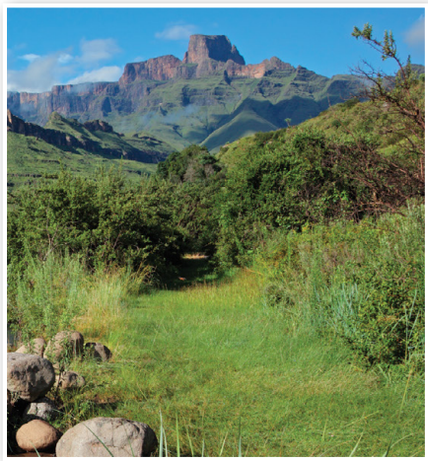
PRE-CONGRESS FIELD TRIPS

Pre 1 Africa's Geological Summits
Pre 2 Cape Granites
Pre 3 The Permo-Triassic Boundary In The Karoo
Pre 4 Karoo Transect
Pre 5 Vredefort Impact Structure
Pre 6 Diamonds
Pre 7 Eastern Limb Of The Bushveld Complex
Pre 8 Craton Traverse: A Transect Through ~2.7Ga Of South African History **(SOLD OUT)**
Pre 9 Early Cretaceous Basins Along The Southern Cape Coast. **(CANCELLED)**
Pre 10 Geology and Origin of a Very Large Hot Orogen The HIGH-T-LOW-P Namqua Metamorphic Province **(CANCELLED)**
Pre 11 Cape Fold Belt
Pre 12 Seismotectonics And Hydrology Of Faults Systems In The Western And Southern Cape **(CANCELLED)**

Pre 13 Western Kaapvaal Craton
Pre 14 Orange River Geology By Canoe **(SOLD OUT)**
Pre 16 Geology Of The Barberton Greenstone Belt: Processes Of The Early Earth **(SOLD OUT)**
Pre 17 Africa Rising On The African Superplume **(CANCELLED)**
Pre 18 Karoo Magmatism & Continental Breakup **(CANCELLED)**

POST-CONGRESS FIELD TRIPS

Post 2 Eastern Bushveld, Mpumalanga Drakensberg Escarpment And Kruger National Park **(SOLD OUT)**
Post 4 Eastern Bushveld And Nkomati
Post 5 Mountain Geomorphology Of The Drakensberg **(SOLD OUT)**
Post 6 Archaean Stromatolites And Their Depositional Environments
Post 7 Geology Of The Barberton Greenstone Belt: Processes On The Early Earth
Post 8 The Pongola Supergroup: Earth's Earliest Stable Continental Margin. **(CANCELLED)**
Post 9 Western Cape Wine Tour **(SOLD OUT)**
Post 10 Meandering In The Main Karoo Basin, Eastern Cape, South Africa
Post 11 Southern Cape Geology Evolution Of A Rifted Margin **(SOLD OUT)**
Post 12 Dimension Stone Site Visits



ONE DAY FIELD TRIPS - JOHANNESBURG, GAUTENG

ODPre2 Witwatersrand; Geology, Historical Mining And Environment
ODPre3 Magaliesberg Cable Car
ODPre4 Cradle Of Humankind Hominin Sites

ONE DAY FIELD TRIPS - CAPE TOWN

ODPre1 Cape West Coast: Langebaan and Fossil Park
ODPre5 Geological Walking Tour of Robben Island
ODPre6 Cape Peninsula **(SOLD OUT)**
ODPre7 Cape Town Geology **(SOLD OUT)**
ODPre8 /ODPost1 Building Stones of Cape Town
ODPre9 /ODPre10
/Odpost2 Table Mountain Hike: Maclears Beacon-Platteklip Gorge Cable Car **(SOLD OUT)**
ODPre11 On the Trail of Charles Darwin and John Herschel: the Cape in the 1830s
ODDur1 Mantle Room Tour
ODPost3 Tulbagh-Ceres And SW Cape Seismicity
ODPost4 Zevenwacht Wine Farm and Tin Mine
ODPost5 YES Field Trip
ODPost6 Meta-Greywacke Quarry

FIELD TRIPS TO OTHER AFRICAN COUNTRIES

ExSA-Pre6 Zambia Copper Belt
ExSA-Pre7 Zambia-Irumide Belt Regional Traverse. **(CANCELLED)**
ExSA-Pre8 Botswana-Okavango Delta **(CANCELLED)**

There are ExSA Field Trips which require delegates to book directly with the Local Tour Operator. Please view the descriptions for the contact and booking details with Terms & Conditions.

FIELD TRIPS TO OTHER AFRICAN COUNTRIES - BOOKING DIRECT WITH TOUR OPERATOR

ExSA-Pre2 Namibia-Nama Group Geology And Ediacaran Fossils **(SOLD OUT)**
ExSA-Pre3 Namibia-Otavi Mountainland
ExSA-Pre4 Namibia-Mineral Deposits
ExSA-Pre5 Namibia-Namib Desert
ExSA-Post2 Tanzania-Rift Valley in Northern Tanzania
ExSA-Post3 Namibia-Damara Orogen Traverse And 'Snowball Earth' **(SOLD OUT)**
ExSA-Post4 Namibia-Diamonds
ExSA-Post5 Namibia-Granites and Uranium Deposits
ExSA-Post6 Southern Angola - From The Humpata Plateau To The Namib Desert
ExSA-Post8 Gold In Southwestern Ghana - Contact Greg Botha (**gabotha@geoscience.org.za**) if you are interested

FIELD TRIPS UNDER REVIEW

ExSA-Post7 Tectonic And Metamorphic Evolution Of The Paleoproterozoic Eburnean Orogeny, West African Craton In North-West Ghana. **(CANCELLED)**
ExSA-Post9 Gold Deposits Of Loulo-Gounkoto, Mali - Contact Greg Botha (**gabotha@geoscience.org.za**) if you are interested

If you have registered for the following excursions, please make contact with us at **Allevents@centeqevents.co.za** in order to arrange for a refund or change your field trip registration to another excursion.

- **Pre 9** Early Cretaceous Basins along the S Cape,

- **Pre 10** Geology and Origin of a Very Large Hot Orogen The HIGH-T-LOW-P Namqua Metamorphic Province,
- **Pre 12** Seismotectonics and hydrology of fault systems … W and S Cape,
- **Pre 17** Africa rising on the African Superplume,
- **Pre 18** Karoo magmatism and continental breakup,
- **Post 8** The Pongola Supergroup: Earth's Earliest Stable Continental Margin

Mining companies operating in Ghana and Mali have offered their support for gold mine visits. We urgently need an indication of support for these excursions before we are able to finalise arrangements with the Gold Fields, Anglogold Ashanti, Newmont Mining and Randgold Resources mines.

Please contact **gabotha@geoscience.org.za** to express interest.

http://www.35igc.org/Page/216/ExSAPost-8-Gold-mining-in-southwest-Ghana
http://www.35igc.org/Page/214/ExSAGold-deposits-of-Loulo-Gounkoto-Mali

AGU HOT TOPIC LOUNGE

The American Geophysical Union (AGU) is sponsoring the Hot Topic Lounge in cooperation with the 35TH IGC to promote discovery and innovation in the Earth and space science community and to enable scientists to advance science by collaborating, developing solutions, and communicating it to the public.

We encourage you to continue your discussions from the scientific sessions in the Hot Topic Lounge and use the space to meet with others and forge valuable international collaborations.

Or take advantage of the opportunity to deepen your knowledge with extended discussion from conference speakers, and develop your skills with authoring, reviewing and career development workshops.

The schedule of events will be posted soon. Please visit http://www.35igc.org/Verso/224/Hot-Topic-Lounge.

WORKSHOPS

35TH IGC will host a number of cutting-edge workshops and short courses over two days, immediately prior to the start of the main Congress (27-28 August 2016).

To book and pay, please use your existing registration log in (if you are already registered). New delegates can book using the registration form on the website (create your profile and register for the conference and then book your additional workshop).

Attendees not registered for the 35TH IGC Congress will only be able to register from 17 June at premium rates

(space limited and subject to confirmation).

All workshops are subject to minimum numbers being reached in order for them to go ahead – we urge you to book early to avoid disappointment.

For more details on the proposed workshops and their prices, please visit the website:
http://www.35igc.org/Verso/210/Professional-Development-Workshops-Short-Courses

BUSINESS MEETINGS

Business Meeting requests are awaited from Scientific Commissions, Joint Programs and Task Groups of the IUGS. Bookings for these meeting can be made via the booking site: **https://www.allevents.co.za/ei/getdemo.ei?id=222&s=_3F00S0JZ9**. To date, numerous meetings have been booked. Chairs and Executives of these associations are urged to book their meetings as soon as possible to ensure that they secure a meeting place!

All Business Meetings will take place from 18:00 - 21:00 from Monday 29 August to Thursday 01 September 2016.

SOCIAL PROGRAMME

For more information **visit http://www.35igc.org/Verso/226/Social-Programme**. To include your event in this schedule please contact **lesley@cebisaconferences.co.za**.

TIME	DATE	FUNCTION	VENUE
17h45 – 20h00	28th August	Ice Breaker	Exhibition Area CTICC
T.B.A	T.B.A	GeoHost Reception	T.B.A
17h00	28th August	Accompanying Persons Orientation and Welcome	Accompanying Persons Lounge CTICC
18h30 – 21h00	29th August	IUGS Reception for National Delegates (Invitation Only)	Artscape Theatre
12h00 – 14h00	30th August	German Committee – IUGS Lunch	Marimba Restaurant CTICC
19h00 – 23h00	30th August	Korean Evening	Westin Ballroom
19h00 – 23h00	30th August	Chinese Delegation Dinner	Marimba Restaurant CTICC
20h00 – 23h00	1st September	Theme Dinner	Zip Zap Circus Tent
18h30 – 21h00	1st September	YES Network	Marimba Restaurant CTICC
10h00 – 15h00	Daily, 10h00, 12h00, 14h00	Wine Tasting	Jewel Africa Show Room

SPONSORSHIP

The Organizing Committee would like to extend to you an invitation to participate in the conference by sponsoring.
For details: **http://www.35igc.org/Verso/45/Sponsors**
Support here **https://www.allevents.co.za/ei/getdemo.ei?id=358&s=_4MG10LNEI**

EXPO

BOOK http://www.35igc.org/Verso/44/Exhibitors-Advertisers YOUR STAND TO AVOID DISAPPOINTMENTS AS STANDS ARE SELLING OUT FAST!

ACCOMMODATION

Accommodation is limited over the 35TH IGC Congress so book your now to avoid disappointment.

Please click here: **http://www.35igc.org/Accommodation to book your accommodation before 16 August 2016.** ***We have negotiated preferential rates for conference delegates/exhibitors - all bookings have to be done via the Appointed Housing Agent (35TH IGC Trust) to qualify for these reduced rates.***

TRAVEL

DAY TOURS

Tour bookings http://www.35igc.org/Verso/216/Tours and payment will close on 17 AUGUST 2016.

OVERNIGHT LEISURE TOURS

Tour bookings http://www.35igc.org/Verso/216/Tours and payment will close on 17 AUGUST 2016.

ACCOMPANYING PERSONS TOURS

Tour bookings http://www.35igc.org/Verso/218/Accompanying-Persons and payment will close on 17 AUGUST 2016.

We have negotiated preferential rates for conference delegates/exhibitors - all bookings have to be done via the Appointed Tours Agent to qualify for these reduced rates.

Terms and conditions apply and each tour is subject to a minimum and maximum number of participants. Should the minimum number not book the tour will be cancelled and you refunded.

TAILOR-MADE TOURS

Travel to suit your specific needs. Contact vickyl@intoafrica.co.za to discuss your travel needs. Bookings and payment will close on **17 August 2016.**

GEOHOST

Please note the GeoHost adjudication process has been completed and the outcome has been communicated to all applicants. Unsuccessful applicants will receive an extension on the early bird registration fee until 20 June 2016.

VOLUNTEER PROGRAMME

The 2016 35TH IGC will include a volunteer programme designed to

- support the organisers and delegates before and during the congress
- facilitate participation by students and retirees involved in the Geosciences.
- provide exposure and networking opportunities to students

APPLICATION PROCESS

Applications will open 26 April and must be completed online via volunteer application submission portal. http://www.35igc.org/Verso/34/IGC-2016-VOLUNTEER-PROGRAM

POST GRADUATE STUDENT, AND POST DOCTORAL FELLOWS: - REGISTRATION SUPPORT

Post graduate researchers from Southern African Universities will, with submission and acceptance of an abstract, be eligible to possibly have their registration costs covered though sponsorship.

Applications should be made to **bertussmithgeohost@gmail.com**, referencing , 'The Southern African Post Graduate Fund'.

The application should be accompanied by the accepted Abstract.

The success of the application is not guaranteed as funding is dependent on the amount of sponsorship received.

PUBLICATIONS

Two publications are being specially prepared for 35TH IGC and will be available to interested delegates.

Delegates should indicate on their registration form whether they would like to purchase "Africa's Top Geological Sites" and or secure a free copy of "The Great Mineral Fields of Africa".

To do so, registered delegates should use their registration log in and book accordingly.

Details of each are as follows;

1. Africa's Top Geological Sites (Geoheritage publication) – cost of R180

   To be collected from GSSA booth.

2. The Great Mineral Fields of Africa (The Special Episodes Volume) – Free of charge

   To be collected from the IUGS booth.

35TH IGC MEETING APP – MY IGC

We are pleased to announce that, for the first time in the history of the IGC, the Organisers will be providing all attendees with an APP called MY IGC; downloadable in advance of the Conference. MY IGC will provide you with all the information you need for a successful meeting.

- View the agenda
- View the abstracts
- View the exhibitor list
- Download the programme and build your personal itinerary
- Network with colleagues
- Receive updates and messages at the conference

We will publish the download instructions before 15th August.

35TH IGC CONTACT INFORMATION

Invited parties interested in participating in this unique array of sponsorship opportunities, please contact

GENERAL ENQUIRIES: **Danie Barnardo**
barnardo@geoscience.org.za | phone **+27 (0)12 841 1072** | mobile **+27 (0)84 588 6668**

SPONSORSHIP OPPORTUNITIES: **Mike Wuth**
mikew@xbt.co.za | phone **+27 (0)11 486 1822** | mobile **+27 (0)82 784 4161**

EXHIBITION ENQUIRIES: **Lesley Ferreira**
lesley@cebisaconferences.co.za | phone **+27 (0)21 671 7670** | mobile **+27 (0)82 494 5475**

REGISTRATION ENQUIRIES: **35TH IGC Registration Team**
35IGC@allevents.co.za | phone **+27 (0)21 910 1913**

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giya ngomhlaba dance with earth

IUGS International Union of Geological Sciences

IN COLLABORATION WITH:

GSSA Council for Geoscience UNESCO science & technology UNISA NRF National Research Foundation Cape Town & Western Cape Convention Bureau Emirates South African Airways South Africa National Convention Bureau exxaro Creamer Media's Mining Weekly

resourcing future generations