



1ST COLLOQUIUM OF INTERNATIONAL GEOSCIENCE PROGRAMME (IGCP638) IN SENEGAL

Dakar, December 5 -10th, 2016

★
UCAD II Conference room

Topic :

**GEODYNAMICS AND MINERALIZATIONS OF
PALEOPROTEROZOIC FORMATIONS FOR A
SUSTAINABLE DEVELOPMENT**

Sponsored by UNESCO and organized by :

- The University Cheikh Anta Diop, Departement of Geology (FST/ UCAD/ Senegal)
- The Ministry of Mines and Industry of Senegal
- The Association Vision Geology (UCAD/ Senegal)

SPONSORS AND PARTNERS



Republic of Senegal/
Ministries : MI, FPAA, MESR



UCAD



IGCP638 Leaders:

MOUSSA DABO / FST/ University Cheikh Anta Diop of Dakar (Senegal)
TAHAR AÏFA / University of Rennes 1 (France)

<http://igcp638.univ-rennes1.fr>

INTRODUCTION

The first symposium of the **IGCP638** on the geodynamics and mineralizations of the West African Craton (WAC), will take place on **December 5-10th, 2016** in **Dakar**. It will join together the international scientific community (professionals of the academic and mining sectors) on the topic: **“Geology of the Paleoproterozoic formations for a sustainable development”**. The event will proceed in the form of conferences (two days) and of field trips (four days) according to the schedule indicated below. The sets of themes of the conference will relate to geodynamics, mineralizations, geochemistry, geochronology, geophysics, mapping, lithology, sedimentology, imagery, environment (pollution and deforestation related to mines) and other related subjects.

The events and targets are: (i) generate active exchanges between the actors of the field (enquiring, expert mining); (ii) produce scientific knowledge on the geology of the WAC for an update of the academic and school programmes and facilitate mining exploration; (iii) reinforce the capacity of the participants on the field methods of the Paleoproterozoic (Birimian) basement geology by the means of field trips (possible sampling of specimens).

COMMITTEES

LOCAL ORGANISING COMMITTEE

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ANRA : Agence Nationale de la Recherche Appliquée

CEREEQ : Centre Expérimental de Recherche et d'Etude pour l'Équipement

FST : Faculté des Sciences et Techniques

IFAN : Institut Fondamental d'Afrique Noire

IRD : Institut de Recherche pour le Développement

UCAD : Université Cheikh Anta Diop, Dakar

INTERNATIONAL SCIENTIFIC COMMITTEE

Tahar Aïfa (Univ. Rennes 1, France)	Ulf Linnemann (Unv. Dresden, Germany)
Laurent Ameglio (GyroLAG Potchefstroom, South Africa/Perth, Australia)	Khalidou Lo (Univ. Nouakchott, Mauritania)
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UCAD : Université Cheikh Anta Diop de Dakar

FST : Faculté des Sciences et Techniques

IFAN : Institut Fondamental d'Afrique noire

IST : Institut des Sciences de la Terre

IRD : Institut de Recherche et Développement

DATES

Session submission deadline: **September 30th, 2016 (postponed to Oct. 10th, 2016)**

Publication of the 2nd circular: **August 2016**

Abstract submission deadline: **September 30th, 2016 (postponed to Oct. 10th, 2016)**

Publication of the final circular : **October 15th, 2016**

Notification of accepted abstracts: **October 15th, 2016**

Payment fees: **on site at the Conference or online**

Bank transfer deadline: **November 15th, 2016**

CONFERENCE PROGRAMME

Registration and reception : **till December 6th, 2016**

Talks and plenaries : **December 6th, 2016**

Scientific sessions : **December 5-6th, 2016**

Field trip : **December 7-10th, 2016**

REGISTRATION

Online registration is open till **September 30th, 2016 (postponed to Oct. 10th, 2016)**. The registration form is available on the Website (<https://igcp638.univ-rennes1.fr/>) to page of events (**Abstracts**): (i) register online before (ii) sending your abstract online as well. A receipt will automatically be sent to you.

Registration fees

Category	Fees (\$ US)
Colloquium	
Academic	50
Other professionals	200
Student	30

Registrations are open online (<https://igcp638.univ-rennes1.fr/>).

The registration fee covers only the following services:

- transportation from airport <-> hotel
- participation to colloquium and/or field trip
- Conference materials and/or field trip (abstracts and/or field trip guide booklets)

NB : The Steering Committee will support the transport for the field trip and also plan to support the accommodation of some participants, in particular the researchers at the beginning of career. Accommodation and food services (apart from the first two days of the conference) are the responsibility of the participant.

The transfer of the registration fees from abroad should correspond to the following bank information :

CBAO Groupe Attijariwafa Bank (Senegal)

IBAN : SN012 01333 34180624601 48

BIC : CBAOSNDA

Account Owner : DABO Moussa

OFFICIAL CEREMONY

Under the presidency of his excellency The Minister of Mines and Industry

Allocutions of:

- President of the organising committee
- President of the University Cheikh Anta Diop of Dakar (UCAD)
- His excellency The Minister of Mines and Industry

PLENARIES

Nine topics were selected for the plenary meeting of 30 mn each, including presentation and discussion.

Plenaries	Conference titles	Speakers	Conveners
1	Mines and sustainable development in West Africa	Dr. A. Sy, SGO	Pr. M. Lompo
2	Mining resources of Senegal	Dr. R. Samba, DPPM	Dr. M. Sylla
3	Nature and characterization of oil and gas formations of Senegal (West African margin)	Dr. J. Medou, Petrosen	Pr. T. Aïfa
4	Nature and evolution of the Paleoproterozoic formations of the West African Craton	Dr. L. Baratoux, IRD	Dr. A. Kouamelan
5	Groundwater: hydrogeologic characterization and pollution	Pr. S. Faye, UCAD	Pr. R. Malou
6	The education of Earth sciences in West Africa	Pr. M. Fall, UCAD	Pr. P.G. Lô
7	Geoparks and geotourism	Dr. S. Siby, ANRA	Pr. P.M. Ngom
8	West African Craton and Mauritanides: a geotrail from Atlantic margin to Sahara	Pr. O. Saddiqi, Univ. Casablanca	Dr. M. Dabo
9	Tectonics-mineralisation relationships in ancient cratons, a new structural framework	Pr. D. Gapais, Univ. Rennes 1	Pr. P.M. Ngom

DPPM: Direction de la Prospection et de la Promotion Minière

SGO: Sabodala Gold Opérations

ANRA : Agence Nationale de la Recherche Appliquée

ORAL COMMUNICATIONS & POSTERS

The oral and poster sessions are focused on the following sub-topics:

- (1) Mineral resources and sustainable development.
- (2) Tectono-structural constrains, geological events, fluid inclusions, metamorphism, geochemistry and geochronology of Paleoproterozoic terrains.

- (3) Hydrogeology and environment for a sustainable and drinking water.
 - (4) Geophysical exploration and mineral resources.
 - (5) Education and policies in Earth sciences.
 - (6) Chronostratigraphy, sedimentology and stratigraphy of the Precambrian.
 - (7) Geopark, geotourism and geo-ethics for promotion of Earth heritage.
- The sub-topics may have several subjects.

SUBMISSION OF ABSTRACTS

Abstracts

All the abstracts will be examined by the scientific committee of the IGCP638 and the authors whose abstracts are accepted will be advised. The abstracts will be accepted for an oral or a poster presentation and the authors are enjoined to indicate the preference at the time of the presentation. The abstracts must be submitted only online using the Word format, the procedure to follow is indicated on the Website (<https://igcp638.univ-rennes1.fr/>) to the page of events (Abstracts). Before submitting your abstract, you refer to the format suggested to apply absolutely (Abstract Template) on the Website: <https://igcp638.univ-rennes1.fr/index.php/abstracts>

The Abstract submission deadline is **September 30th, 2016** (postponed to Oct. 10th, 2016).

Acceptance will be decided on **October 30th, 2016**.

NB : The researchers at the beginning of career having the best abstracts will be sponsored to attend the event (according to the cash in hand).

EXHIBITIONS

The exhibitions will offer a single occasion of networking for the geoscientists to meet the representatives of the Research institutes and companies. It will also allow the companies to conclude marketing, the development of the business and recruitment. The exhibitions will be open throughout all conference. The potential exhibitors must contact the secretariat of the conference by E-mail at: igcp638@univ-rennes1.fr

FIELD TRIPS

The post-conference field trip (December 7-10th, 2016) will be held according to the program below:

(1) the Precambrian of the West African Craton of Kedougou, about 700 km from Dakar: Geological cross section from the Greenstones Belts of Mako to the Diale sedimentary basin (Paleoproterozoic/Neoproterozoic).

Tourism: Visits of the Dindefelo falls and the Niokolo Koba National Park

(2) Senegalo-mauritanian Basin : Tertiary and Quaternary volcanism of Dakar and Mbour

Tourism : Geotourism, geoparks and parks (Hann and/or Bandia)

List and route of field trips

Field trip	Route	Coordinators	Fees (\$ US)	Remarks
Kedougou: Precambrian formations	Geo-cross section: Niemenike - Mako -Bafoundou - Lame / Diale (Bandafassi- Ibele-Landiene) Tourism : Dindefelo falls / Niokolo-Koba park	M. Gueye M. Dabo	Academic 300 Student 50 Professional 600	<i>The number of places is limited. Participation is on a first come, first served.</i>
Dakar: Tertiary-Quaternary Volcanism & Geosites	Mamelles / Ouakam / Cap Manuel / Goree islands		Academic 150 Student 50	<i>The number of places is limited. Participation is on a first come, first served.</i>
Mbour: Tertiary Volcanism & Geosites	Popoguine cliff / Dayane pipe / Bandia park		Academic 150 Student 50	<i>The number of places is limited. Participation is on a first come, first served.</i>

SPONSORS

The organisers are willing to receive sponsorship of specific events for the Colloquium. This will include the technical sessions, workshops, conference materials, field trips, etc.

LIST of HOTELS

1- Hotels in Dakar (booking 2 to 3 nights according to arrival: Dec. 4th to 6th)	Location /Contact /Menu
<p>Maison de l'Université, Campus and Mermoz [the cheapest]</p> <p>Ph. : + 221 33 865 00 40 E-mail : drci@ucad.edu.sn</p> <p>16 500 CFA/night (air-conditioned studio - Single)</p> <p>22000 CFA/night (air-conditioned studio - Double)</p> <p>26 500 CFA/night (air-conditioned flat - Single)</p> <p>37 000 CFA/night (air-conditioned flat - Double)</p>	<p>Campus : on the conference place</p> <p>Mermoz : 10 mn from the conference place</p>
<p>Hotel Terrou-Bi (5 stars)</p> <p>Ph. : +221 33 839 90 39 E-mail : restauration@terroubi.com</p>	<p>5 mn from the conference place</p>
<p>Radisson Blue Hotel, Dakar Sea Plaza</p> <p>Route de la Corniche Ouest, Dakar Fann, Senegal</p> <p>E-mail: info.dakar@radissonblu.com</p>	<p>5 mn from the conference place</p> <p>Tel: +221 33 869 33 33</p> <p>Fax: +221 33 869 33 66</p>
<p>Hotel King Fahd Palace, Pointe des Almadies</p> <p>Book Online or Call</p>	<p>20 mn from the conference place</p> <p>- US: 888 205 7322</p> <p>- UK: 0808 145 3778</p> <p>- EU: +1 469 610 3608</p>
<p>2- Other Hotels</p> <p>2.1- Kedougou Hotels (booking 2 nights: Dec. 7th, 8th)</p>	
<p>Hôtel Le Bédik, Quartier Gomba/Swimming pool/WIFI</p> <p>Ph. : +221 33981 11 02 E-mail : kedougou@hbsenegal.com</p> <p>Rates air-conditioned room: Single 25000 F CFA /Double 32000 F CFA /Triple 40000 F CFA</p>	<p>Menu</p> <p>Complete (package) : 8500 F CFA</p> <p>Breakfast : included</p>
<p>Hôtel Le Relai, Quartier Gomba/Swimming pool /WIFI</p> <p>Ph. : +221 33985 10 62 E-mail : fhuard480@gmail.com</p> <p>Rates air-conditioned room:: Single 23000 F CFA /Double 34000 F CFA /Triple 39000 F CFA</p>	<p>Menu</p> <p>Complete (package) : 8000 F CFA</p> <p>Breakfast : included</p>
<p>2.2- Hôtel Le Niokolo, Niokolo-Koba National park (booking 1 night: Dec. 9th)</p> <p>Ph. : +221 33984 11 36 / 33 / +221 33985 92 52</p> <p>Rates air-conditioned room: Single 25000 F CFA /Double 25000 F CFA /Triple 37500 F CFA</p>	<p>Menu</p> <p>Complete (package) : 6000 F CFA</p> <p>Breakfast : 2500 F CFA</p>

NB : 1 € = 656 F CFA ; 1 \$ US = 583 F CFA (check Exchange rates)