

Geosciences in West Africa and Maghreb

Staff movements, (long-term) missions, and recruitment

- Pr Hasnaa Chennaoui, Erasmus Mobility program Al Idrissi I, January 2017, Poitiers University.
Project : Microtomography on the Martian meteorite felt in Morocco in July 2011. Hosted by Prof. El Albani.

Scientific news and publications

Theses, oral defenses:

Kouadio Fossou Jean-Luc Hervé (Ph.D.) le 14 janvier 2017 à l'Université FHB d'Abidjan-Cocody avec pour thème : "Petrostructural study of the geological formations of the south-west of Ivory Coast (sector of Bliéron – Grand Béréby): insight from joint analysis of deformation and metamorphism"

- Selection of publications:

McCartney and Scholz (2016). "A 1.3 million year record of synchronous faulting in the hangingwall and border fault of a half-graben in the Malawi (Nyasa) Rift", *Journal of Structural Geology*, 91, 114-129.

Jessell et al (2015). "The Geophysical Signatures of the West African Craton", *Precambrian Research*, <http://dx.doi.org/10.1016/j.precamres.2015.08.010>

Block, S. et al. (2016) Paleoproterozoic juvenile crust formation and stabilisation in the south-eastern West African Craton (Ghana) ; New insights from U-Pb-Hf zircon dating. *Precambrian Research* 287, 1-30.

Kokh M.A., Akinfiyev N.N., Pokrovski G.S., Salvi S., Guillaume D. (2016) The role of carbon dioxide in the transport and fractionation of metals by geological fluids. *Geochimica et Cosmochimica Acta (GCA)*, in press.

- For links to WAXI articles, visit:http://www.tectonique.net/waxi3/?page_id=108

and for student theses, go to:http://www.tectonique.net/waxi3/?page_id=228

Seminars and Conferences

- [New] **The 4th International Symposium on Innovation & Technology in the Phosphate Industry.** 8-10 May 2017 in Benguerir city, Congress Center – Mohammed VI Polytechnic University.

<http://www.symphos.com>

- « **first Workshop on the West African Craton and its margins** » (**WACMA1**), Dakhla, Morocco, 24-29 April 2017. <http://www.wacma1.ma/>

- **1st International symposium on the Geology of the Maghrebides chains and adjacent areas** (CIGCM 2016), 4 – 6 December 2016, Sétif, Algeria. <http://www.geolalg.com/cigcm2016/en/>

- **The Fourth Arab Impact Cratering and Astrogeology Conference**, Lagouhat 9th-12th April 2017.

<http://www.aicac4.sitew.eu/#Home.A>

- **The First ASRO Geological Congress**, El Jadida, Morocco - March 15-17, 2017

<http://asrongo.org/conferences/asro-geological-congress/first-asro-geological-congress/>

Field Activities

- Field work in East Senegal, from the 10th to the 21st January, Participants: Lenka Baratoux (IRD/IFAN), Ibrahima Labou (UCAD/UPS), Jacques Koné (UCAD/UPS)

Training Opportunities

WAXI 3 Field training courses

Contacts : Corinne Debat (corinne.debat@uwa.edu.au) and Luc Siebenaller (luc.siebenaller@asdm.lu)

1. Back to the basics applied structural geology & mapping (field course - Ivory Coast): 8th to 12th of May 2017

2. Advanced applied structural geology (field course - Ghana): 19th - 23rd of June 2017

3. Mineral alteration footprints and portable field techniques (ASD, XRF, ...) : to be announced (probably April 2017)

4. Field Geomorphology and Regolith mapping: to be announced (probably November 2017)

5. Metallogeny of the Birimian Craton coupled to Exploration Targeting: the mineral system approach: to be announced (probably in October 2017)

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6. Field and litho-structural mapping and integration of geophysical data (radiometrics, mag.): to be announced (probably in Early 2018)

- « Australia Awards » - Apply for training opportunities in Australia (including in the mining area).

<http://www.australiaawardsafrica.org/>

Deadline: January 2017.

Funding Opportunities

- [New] IRD Call for creation of LMI (“Laboratoires Mixtes Internationaux”).

Calendar: Submission of the letter of intent before 31st of January, pre-selection results: 15th March 2017, Full application deadline: July, 31st, final result: December 2017.

- [New] Financial support to international conferences (involving IRD) in 2017 or early 2018.

Application deadline: 15th February, 2017.

- **Geosciences Travel Award for Postdocs and Ph.D. Students** – Travel grant for African students, to attend the conference of your choice in 2017. Deadline: January 31st, 2017. Results: March, 31st 2017.

<http://www.mdpi.com/journal/geosciences/awards.pdf>

- **Travel grant (3000 €) for 1 African student to participate to the « Specialist Group in Tectonics and Structural Geology (SGTSG) conference**, from the 8 to the 12 November 2017, Denmark, Australia.

<http://www.sgtsg.org/bursaries> (contact Mark Jessell for further information mark.jessell@uwa.edu.au)

- [New] Call for a multi-institution partnership to transform higher education in Africa:

<http://www.spheir.org.uk/apply/call-for-proposals>

- [New] **Call for research projects from the French Institute of Algeria** http://www.if-algerie.com/actualites/appels-a-projet/copy_of_lifa-lance-son-appel-a-projets-universitaires-et-recherche-2016. Deadline: January, 31st 2017.

- **Travel grant « ATUPS 2017 »** for Ph.D. student registered at the University of Toulouse. Contact your Ph.D. advisors for further information.

Careers opportunities, jobs

- Open post-doctoral position (2 years) at the university of Geneva in the domain of mineral resources « **Multi-isotopic and trace element study at the Sn-(Cu) district of San Rafael** » (see attached document).

African Geologists in the spotlight – Press release and public outreach

Miscellaneous

- **A new version of the chronostratigraphic scale was printed and published. The Chart and more detailed information are available on** <http://www.stratigraphy.org> (with multilingual versions).

- **A few sentences from the students who got a IRD travel grant to attend the PICG 638 in Dakar, in December (extracts, traduction by D. Baratoux):**

Abdoulatif Abass « This grant allowed me to attend the PICG 638 in Dakar, conference during which I have exchanged with high-level geologists, I have learned a lot in the field ».

Fossou Koudio « In Dakar, the scientific communications allowed us to exchange and discuss with researchers from West Africa and from the rest of the world. The field excursion allowed us to look at the lithostratigraphy of Birimian formation in this inlier, in particular in the ophiolitic complex of the super group of Mako and the lithostratigraphy of the super group of Diale-Dalena.

- Keep in touch with the last news from IRD / Geosciences in West Africa and Maghreb with the FB page “West African Exploration Initiative”

<https://www.facebook.com/waxi03>

Editorial Committee

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