

IGRGEA LETTER

International Geophysical Research Group /Europe-Africa
International Geophysical Research Group /Europe-Asia

IGRGEA

At the end of the IEEY, in 1995, IGRGEA (International Geophysical Research Group Europe Africa) has been organized to follow the research work initiated during IEEY (International Equatorial Electrojet Year), in 1992. Since January 2003 IGRGEA is developing at the Institute of Geophysics in Hanoi.

BURKINA FASO

Dr Petronille Kafando (Ouagadougou University) came to LATMOS in October and November to work under direction of Dr Monique Petitdidier on *Gravity waves in the equatorial zone*.

Dr Frederic Ouattara (Koudougou University) is presently at NCAR for nine months with a Fulbright scholarship under Prof. A Richmond on *the TIEGCM model for the equatorial ionosphere*.

EGYPTE

Three PhD students came to France in September to December 2011:

Amira Shimeis (Helwan University) was three months with us for her studies on the equatorial fountain at LPP under direction of Dr C. Amory-Mazaudier, and at ENST Brest under that of Dr Rolland Fleury.

Ibrahim Fathy (Helwan Univ.) came during October and November under direction of Dr Christine Amory-Mazaudier on the subject of electrodynamic coupling between high and low latitudes.

Safinaz Khaled came to LATMOS during the three months September to December on her CME study under direction of Dr Luc Dame.

MOROCCO School on SPACE WEATHER

A school for Space Meteorology took place from December 5 to 15 2011. Results of this school can be found on the site : www.girgea.org (in French) and on the site www.iswi-secretariat.org (in English).

It was organized by prof. A. Touzani, responsible for CRASTE-LF, Dr Nicole Vilmer, coordinator for ISWI France and Dr Christine Amory-Mazaudier, Scientific secretary for the school. Following this school, three students (two from Morocco and one from Benin) will be starting a Ph D.

Photo 1st week



Photo 2nd week



This school gathered 28 participants from 11 different countries of north Africa (Algeria, Mauritania, Morocco), west Africa (Benin, Burkina Faso, Côte d'Ivoire, Niger, Senegal), Central Africa (Cameroon, RDC) and south of Africa (Madagascar).

www.girgea.org (in French) and www.iswi-secretariat.org (in English).

It was organized by Bruno Kahindo, ISWI and RDC coordinator and Christine Amory-Mazaudier, scientific secretary of IGRGEA.

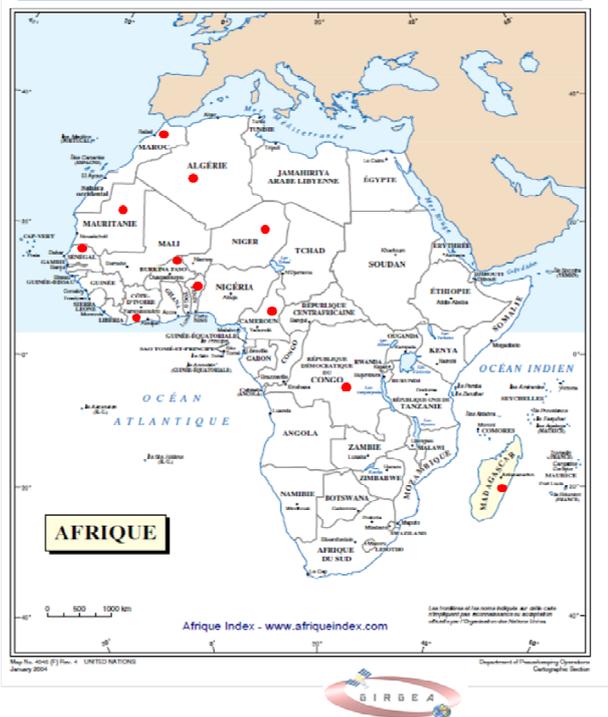
There were 90 participants, mostly from RDC and RC. Two Ministers participated in the opening ceremony. Both this ceremony and the school meeting were televised.



Minister of Education and Universities: Mashako Mamba
Minister of hydrocarbons: Célestin Mbuyu Kabango
Gen. Secretary of the Academia : Prosper Kanyakongote
Mpangazehe

Following this school, a program for training eight RDC students for Ph D worked out.

Ecole de Météorologie de l'Espace au Maroc, Décembre 2011



Group Photo



RDC
School on SIG, GPS and new technologies
September 12-24, 2011

A school on SIG - GPS and new technologies was held from September 15 to 25 2011. Reports about this school can be found on

NIGERIA

Mini Conference on Space Weather advances in Africa, January 27-28, 2012

A short conference on Space Weather advances was held at BELLS University, January 27 - 28. It was organized by Prof. Babatunde Rabiou, ISWI coordinator for Nigeria. Televisions and news papers presented this conference.

During this school, Prof. Rabiou and Dr C. Amory-Mazaudier interviewed individually eighteen students on their future carriers.

In view of future investment on training Nigeria students, contacts have been opened with foreign Research persons in France, USA, Italy and Japan.



VIETNAM

Dr Luu Viet Hung read his Ph. D in Paris on December 21 on the theme:
Study of the electromagnetic field and interpretation of magneto-telluric data in Vietnam.

The jury was composed of :

Jerome Dymont
Pascal Tarits

Christine Amory -Mazaudier
Hermann Zeyen
Michel Menvielle
Minh Le Huy

Dr Luu Viet Hung returned to Vietnam where he has a Research position at the Geophysical Institute of the Vietnamese Academy of Science.

LOGO of the IRGGEA

It is the logo designed by Amira Shimeis from Helwan University which was selected by the participants to the school in Morocco to represent the IRGGEA



Amira is the third from the left side

New coordinators in IRGGEA

Gabon : Alain-Brice MOUBISSI
Madagascar : Fanomezana RANDRIANARINOSY
Morocco: Ilyasse AZZOUZZI
Mauritania : Mohamed Ahmed SIDI CHEIKH

RDC in the CAMES

The RDC enter in the CAMES : *Conseil Africain et Malgache pour l'Enseignement Supérieur.*
www.lecames.org

GPS in AFRICA available on the WEB

The map made by Rolland Fleury (ENST Brest) shows in red the GPS data available between 2011 and in blue the GPS data available since 2011.

