

IGRGEA

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

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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.

MALI

André ANGLAGE, engineer of IPGP will set up magnetometers in MALI, at SAN and SIKASSO. Together with the Ivoirian station of KORHOGO, they will constitute an equatorial chain. The data are accessible with time delay on the site :

<http://ganymede.ipgp.jussieu.fr/magnetisme/>

Geographic coordinates of the stations :

KORHOGO : 9° 20' 00 3" N, 5° 26' W

SAN : 13° 15.170' N, 4° 52.764' O

SIKASSO : 11° 23.780' N, 5° 37.644' O

BENIN

After installing the two magnetometers, in MALI, André ANGLADE will set up in BENIN, at COTONOU the "BERRANGER" ionosonde for a study of ionospheric layers during the coming solar eclipse March 29, 2006. He is in contact with Dr Etienne HOUNGNINOU (previously at GIRGEA for a PhD) head of the laboratory of Atmospheric physics of the Abomey-Calavi University.

BURKINA FASO

Dr Frederic OUATTARA, Professor at the professorial school of KOUDOUGOU will be at CETP for a 3 months course, March to May 2006. He is financially supported by UNESCO and He will be working with Dr Christine AMORY-MAZAUDIÉ, on the 'ionospheric equatorial fountain'.

IHY IN WEST AFRICA

In the framework of the IHY (International Heliophysical Year), the GIRGEA proposed as national coordinators :

Benin -> Dr Etienne HOUNGNINOU -> University of Cotonou

Burkina-Faso -> Dr Frédéric OUATTARA -> Professorial school of Koudougou

Côte d'Ivoire -> Dr Olivier OBROU -> University of Abidjan

Senegal -> Dr Boubakar BARRY -> University of Dakar

VIETNAM

Dr Christine AMORY-MAZAUDIÉ has visited VIETNAM from December 11 to 19, 2005 for the coordination of the project VIETNAM-FRANCE. In this the CNRS financially supports the training of three Vietnamese students:

- Mr LE TRUONG Thanh, will study the ionospheric anomaly in Vietnam, under the supervision of *Dr Yves COHEN (France), Dr Vafi DOUMOUYA (Côte d'Ivoire) et Dr HA DUYEN Chau (Vietnam).*

- Mr LUU VIET Hung, will study the electromagnetic field, and he will interpret the vietnamese magnetotelluric data under the supervision of *Prof. Michel MENVIELLE (France) et Dr LE HUY Minh (Vietnam).*

- Mme PHAM THI THU Hong, will study transient variations of the Earth's magnetic field under the direction of *Dr Christine AMORY-MAZAUDIÉ (France) et Dr LE HUY Minh (Vietnam).*

Prof. Patrick LASSUDRIE-DUCHESNE traveled to VIETNAM from January 04 to 11, 2006, to set up the third GPS receiver at HUE in VIETNAM.

Geographic coordinates of the stations :

HANOÏ : 21° 03' N, 105° 48' E

HUE : 16° 28' N, 107° 36' E

HO CHI MINH : 10° 51' N, 106° 38' E

Pierre LAROCHE, head of the research unit 'Atmospheric environment' of ONERA (French Office National d'Études et de Recherches Aérospatiales) will go to VIETNAM from March 17 to 22, 2006, for improving the antennae network of the lightening study. A research association between ONERA and the HANOÏ Geophysics Institute is to be developed.

Recall that the French Foreign Ministry is already financing the training of a Vietnamese student on the monsoon in Vietnam (see GIRGEA letter n° 35). Two new scholarships were requested to the French Foreign Ministry this year, to study the ionospheric gradients and lightening.

Dr Roger GENDRIN, IAGA President from 1987 to 1991 (presently retired) participates in the project by a gift of His Heophysical library to the Vietnamese team.

Prof J.H. SASTRI from the Indian Institute of Astrophysics of Bangalore joined the IGRGEA group to train African and Vietnamese students.

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