

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. Since January 2003 IGRGEA is developing at the Institute of Geophysics in Hanoi.

IVORY COAST

Dr Etienne Houngrinou will read an Abidjan University Ph.D. "thèse d'Etat" at CETP-St Maur, France, in January 2004. His subject is : "Dynamics and disturbances of the Equatorial Aeronomy as observed by HF radar". Dr E. Houngrinou, born in Benin will develop a GIRGEA extension group in his country.

BURKINA FASO

Dr Pétronille Kafando is back to Ouagadougou university after a 7-month course at CETP with Dr M. Petitdidier. She will continue research on atmospheric gravity waves, in relation with rainfall studies.

Dr Frédéric Ouattara obtained a 3d cycle doctorate at Abidjan university on : " Theory and experiments on temperature transfers in a round geoconcrete cabin". He has obtained a teaching position at the *Kedougou Ecole Normale Supérieure*. He is starting a research programme on the Equatorial Fountain during the 3 last solar cycles. Among other databases, he will be using the Ouagadougou ionosonde archive of the four last decades. Both scientists will prepare diplomas in the new Ouagadougou university Ph.D. style.

SENEGAL

We need finding support for the Senegalese Dakar university group after the Joola disaster of September 26. 2002.

VIETNAM

We are preparing applications towards funding the Vietnam project. Five students were selected by the Geophysical Institute, Hanoi : each of them will be supervised by 2 research directors, one Vietnamese and one French, themselves assisted by co-directors. The Ph. Ds will be read in France. Vietnamese Directors : Dr Ha Duyen *Chau*, Dr Le Huy *Minh*, Dr Nguyen Xuan *Anh*.

Students : Le Viet *Huy*, Pham Xuan *Thanh*, Tran Thi *Lan*, Phan Thi Thu *Hong*, Le Truong *Thanh*.

11 YEAR'S RESULTS

E.Houngninou's Ph.D. will be the second Ivoirian "these d'Etat" within IGRGEA, and our fifth Doctorate title in Ivory Coast. (Three third-cycle doctorates have been obtained in 1995, 1997 and 1999).

In Senegal a 3d cycle Doctorate was won in 1993, and two university Doctorates in 1997 and 2000 in France.

There are actually two "thèses d'Etat" and one university Doctorate under way in RCI, and two university Doctorates in Burkina Faso.

The Abidjan IGRGEA group won the Excellence Prize for RCI research in 1997.

Dr T. Farges, won in 2000 as IGRGEA student at the CEA (Atomic Energy Center)-LDG a Irène Meynieux Prize (of the French Research Association).

A document describing the work and going publication outlines is edited :

Volume 1 : IEEY – IGRGEA : 1991-2002

Volume 2 : publications

63 publications with 36 in international papers.

11 Theses memoirs (RCI, Spain, France, Nigeria, Senegal).

A special issue of *Annales Geophysicae* has been published in June 1998 for the Euro-African sector.

A special issue is on print at the JASTP for the longitude sectors, Europe-Afrique, Asia, Americas, within the framework of the Interdivisional Commission on Developing Countries (ICDC) of IAGA (International Association for Geomagnetism and Aeronomy).

A web site can be consulted.