

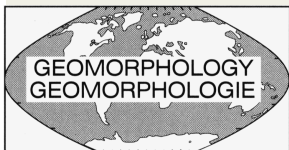
International Cooperation and African countries: enhancing scientific excellence through mobility and training

IAG/AIG REGIONAL CONFERENCE *FEBRUARY 18-22, 2011*

Ilaria Lener

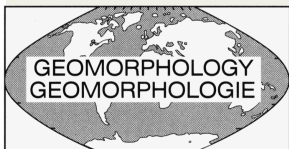
Project and Financial Manager

T6 Ecosystems – Rome, Italy



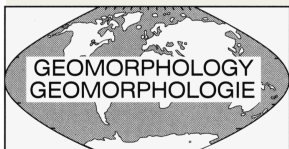
Aims

- to make a step forward in the “IAG Training Programme”
- to support African scientists’ involvement in mobility and training programs
- to enhance the research and co-operation between organizations based in African and in other Countries



Contents

- Overview on Programs and related actions granting/funding Third Countries' research, mobility and training
- Practical information regarding the open/forthcoming calls and application procedures
- **Today**
 - *FP7 Research Framework Program*
 - Cooperation Program*
 - Marie Curie*
 - European Research Council*
 - EURAXESS*
 - *ITTO Fellowship Program*
 - *Ford Foundation*
- **Help Desk**
- **On February, 22**
 - *Erasmus Mundus Program*
 - *EuropeAID Development and Cooperation Program*
 - *Intra ACP Mobility Program*
 - *Royal Geography Society Grants*

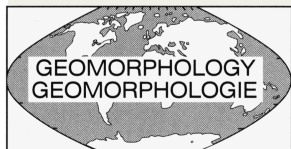


Opportunities within the FP7 Research Program

Coordination Work-Program

Marie Curie (People)

The European Research Council (Ideas)



The FP7 Research Program of the European Commission



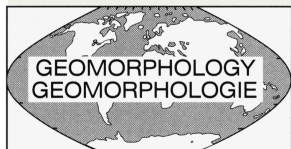
Length: 2007 – 2013 - Overall Budget: about € 52.000.000

Approach the International Cooperation addressing specific objectives:

- support European competitiveness through strategic partnerships with third countries
- engage the best third country scientists to work in and with Europe
- facilitate contacts with partners in third countries with the aim of providing better access to research carried out elsewhere in the world

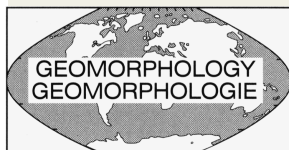
Who can apply:

- Member States - The EU-27
- Associated Countries – with S&T cooperation agreements that involved contributing to the framework program budget
- Candidate Countries – currently recognized as candidates for future accession
- **Third Countries**



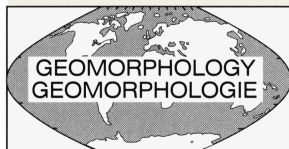
Third Countries

- Asia
- Eastern Europe and Central Asia
- Latin America
- Western Balkan Countries
- ACP (**Africa** – Caribbean – Pacific)
- MPC (Mediterranean Partner Countries)
 - Algeria
 - Egypt
 - Libya
 - Morocco
 - Tunisia
 -



Third Countries - Africa

| A-C | D-L | M-R | S-Z |
|--|--|--|--|
| Angola Benin Guyana Botswana Burkina-Faso Burundi Cameroon Cape Verde Central African Chad Comoros Congo (Republic) Congo (Democratic Rep.) Côte d'Ivoire | Djibouti Equatorial Guinea Eritrea Ethiopia Gabon Gambia Ghana Guinea Guinea-Bissau Kenya Lesotho Liberia | Madagascar Malawi Mali Mauritania Mauritius Mozambique Niger Nigeria Rwanda | Sao Tome and Principe Senegal Seychelles Sierra Leone Somalia South Africa Sudan Swaziland Tanzania Togo Uganda Zambia Zimbabwe |





Seventh Framework Programme (FP7)

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>> Quick Links

- FP7 Home
- FP7 newsroom
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- Participate in FP7
- Find a call
- Register your organisation
- Preparation and Submission of Proposals (EPSS)
- Get support
- Find project partners
- Find a project
- Find a document

→ [Practical Guide to EU Funding](#)

In the spotlight

- [Call for proposals for academic mobility in Africa, the Caribbean and Pacific](#)

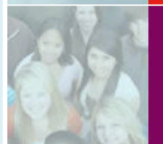
→ [Independent FP7 experts' \(Experts Management Module, EMM\)](#)

View [the lists of experts](#) that participated in the evaluation of proposals



[Cooperation](#)

[Ideas](#)



[People](#)

[Capacities](#)



[Euratom](#)



[JRC](#)

Latest News

[Karlsruhe's Puchta awarded ERC grant](#)

[Date: 2011-01-10]

One of the biggest gripes consumers have about the fruits and vegetables they eat is that they often taste like cardboard. And while it's easy to blame farmers for using pesticides to kill the varmint that invade our foods, farmers claim they use them to ensure good quality and safe foods. [read more](#)

>> [more news](#)

Forthcoming Events

- [The EuroMed 2030 conference entitled 'A forward look on the long-term challenges for the Mediterranean area'](#), Brussels, Belgium
[Event Date: 2010-12-16]
- [The role of the Common Agricultural Policy for EU agriculture and rural areas - insights from the Cap-ire project](#), Brussels, Belgium
[Event Date: 2010-11-25]
- [The publics of Europe and the European public sphere: tracing the architects and](#)

What type of user are you?

The Seventh Framework Programme (FP7) is designed to [support a wide range of participants](#):

[Private company](#)

[Public organisation](#)

[Individual researchers](#)

[Outside the EU](#)

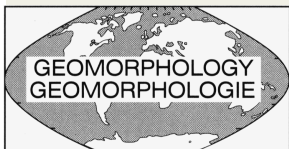
Highlights

- [ERC awards 427 top researchers with Starting Grants](#)
- Updated version (2010-07-01) of the [Guidance notes for beneficiaries and auditors on certificates issued by external auditors](#) available under the "Guidance documents" section
- New [Ethics Help Desk](#) for all FP7 projects that need advice or assistance
- [Audit and certification policy: The Commission's new audit strategy](#)

What's next

4 Work Programs

- **The Capacities Programme** supports a range of activities to support S&T cooperation policies and strengthen research capacity in the European scientific community and other regions of the world
- **The Cooperation Programme** enables research cooperation between different global research partners in collaboration with European researchers
- **The People Programme (Marie Curie)** fosters both incoming and outgoing international mobility of researchers
- **The Ideas Programme (ERC)** supports excellence in frontier research and enables individual top international researchers to participate in European teams

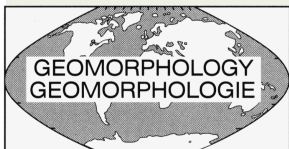


The Cooperation Programme

- Trans-national Cooperation based
- Trans-national Consortia made of universities, industry, research centers and public authorities
- Support to all types of research activities

10 distinct themes

- Health
- Food, Agriculture and Fisheries, Biotechnology
- Information & Communication technologies
- Nanosciences, Nanotechnologies, materials & new production technologies
- Energy
- **Environment (including climate Change)**
- Transport (including aeronautics)
- Socio Economic Sciences and the Humanities
- Space
- Security



Environment: Funded Actions

Activity 6.1 Climate Change, pollution and risks

- Sub-Activity 6.1.1 Pressures on environment and climate
- Sub-Activity 6.1.3 Natural Hazards

Activity 6.2 Sustainable management of resources-

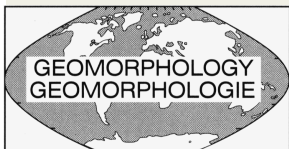
- Sub-Activity 6.2.1 Conservation and sustainable management of natural and man-made resources and biodiversity

Activity 6.3 Environmental technologies

- Sub-Activity 6.3.1 Environmental technologies for observation, simulation, prevention, mitigation, adaptation, remediation and restoration of the natural and man-made environment
- Sub-Activity 6.3.2 Protection, conservation and enhancement of cultural heritage, including human habitat

Activity 6.4 Earth observation and assessment tools for sustainable development

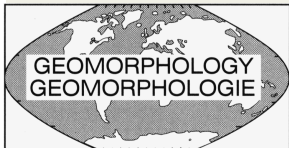
- Sub-Activity 6.4.1 Earth and ocean observation systems and monitoring methods for the environment and sustainable development
- Sub-Activity 6.4.2 Forecasting methods and assessment tools for sustainable development taking into account differing scales of observation



Forthcoming Call for proposal

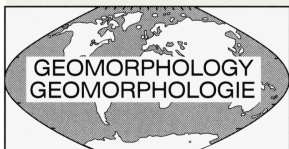
- Expected publication: July 2011
- Expected deadline: November 2011
- For each sub-activity and Area of intervention:
 - Indicative budget
 - Funding Scheme
 - Eligibility conditions
 - Evaluation procedure and Criteria

Start now thinking to your idea and build a Consortium!!



Marie Curie (The People Programme)

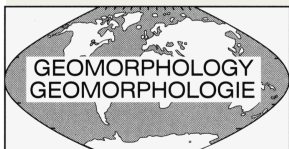
- Entirely dedicated to support the mobility of human resources in research in **ALL areas of scientific and technological Research that are of interest of the EU**
- Supports to **researchers or research organisations**, whether are based in an EU or Associated country or **in a Third country**
- Overall budget of more than € 4,7 billion over a 7 year period until 2013





International Incoming Fellowships (IIF)

- To encourage top class researchers **of any nationality** to:
 - join a **European research team** that doesn't have your experience
 - establish a **collaboration** through a research project with your lab or your country
 - gain **new knowledge** in a European lab
- Researchers active or recently active **in Third Countries** are eligible, with at least 4 years' full-time research experience or a doctoral degree
- Application should be made in liaison with an **hosting organisation** in Europe
- Financial support is provided for 12-24 months
- Your IIF may also cover a **return phase** of up to one year to be spent back in your country of origin, applying the experience that you have gained

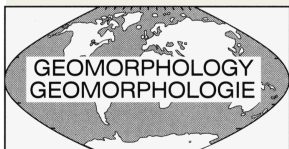


International Research Staff Exchange Scheme (IRSES)

- Aimed to support coordinated staff exchanges among **Public organisations or private bodies** with a public mission (e.g. universities, research centres etc.)
- The proposal must include :
 - At least 2 independent participants
 - Based in at least 2 different EU Member States or Associated Countries

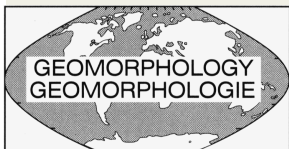
PLUS

- **1 or more organisations located either in countries with which the EU has an S&T Agreement** (Science and Technology Cooperation Agreement, **in Africa**: Egypt, Morocco, Tunisia, South Africa)
- **or in countries covered by the European Neighbourhood Policy** (in Africa: Algeria, Egypt, Libya, Morocco, Tunisia)



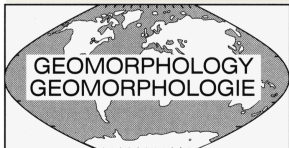
Initial Training Networks (ITN)

- Usually, at least 3 participants (universities, research centres or companies (large or small)) join together to propose a coherent programme
- The scheme is **also open to researchers from Third Countries**
- What does the funding cover:
 - **Recruitment of researchers who are in the first five years of their career for initial training**
 - **Recruitment of a limited number of experienced "visiting" researchers of outstanding stature** in international training and collaborative research, so that they can strengthen knowledge transfer
 - **Networking activities, workshops or conferences** that involve research staff from the participating research establishments and external researchers



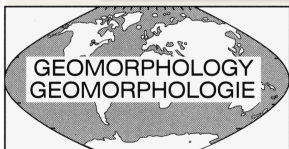
Intra-European Fellowships for career development (IEF)

- Aim at helping experienced researchers to try “something new” in order to support advanced training and career development
- Researchers can be **of ANY nationality but** as a general rule **they must move from one Member State or Associated Country to another in order to carry out the project**
- A doctoral degree or at least 4 years' full-time equivalent research experience, after obtaining a degree are required
- Financial support is provided for a period of 12-24 months



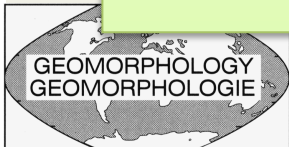
Career Integration Grants (CIG)

- Supports researchers aimed to get a stable position in a European research institution
- The host organisation must be a university, a research centre or an enterprise in an EU Member State or Associated Country
- Applicants must be experienced **researchers from any country in the world**, with at least 4 years' full-time research experience or a doctoral degree
- Cannot have carried out their work in the country of their host organisation for more than 12 months over the last 3 years
- Flat rate contribution towards research costs (f.i. contribute to the salary costs of the travel costs, consumables, patent costs and/or publication costs)
- The grant will cover a period of 2 to 4 years



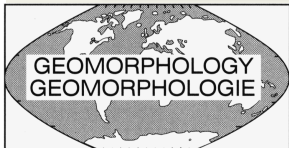
European Reintegration Grants (ERG)

- Help researchers that benefited from training within a Marie Curie Action to enter or re-enter long-term research employment
- Participating researchers **can be of any nationality** with at least 4 years' full-time research experience or a doctoral degree
- Must have recently benefited from a Marie Curie training and mobility action lasting at least 18 months
- The reintegration grant is a flat-rate contribution towards your project costs (f.i. contribute to the salary costs of the travel costs, consumables, patent costs and/or publication costs). The grant will be paid for 2-3 years
- **The host organisation must be a university, a research centre or an enterprise in an EU Member State or Associated Country**



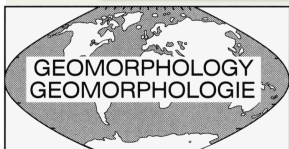
Co-funding of regional, national and international programmes (COFUND)

- Offers additional funding to existing or new regional/national and International fellowship programmes for research training and career development
- Applicants should be public or private bodies responsible for funding and managing programs
- These programmes must include at least one form of transnational mobility, such as incoming or outgoing mobility of researchers or an action to reintegrate them into research employment in Europe
- The COFUND contribution consists of a fixed percentage contribution of the costs of eligible researchers involved with the scheme



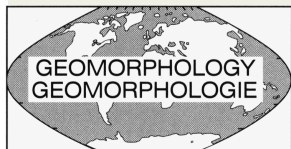
4. Industry Academia Partnerships and Pathways (IAPP)

- To foster cooperation between Research and Industry
- Partnerships include universities and companies of all shapes and sizes
- Aims to boost skills exchange between the commercial and non-commercial sectors
- Proposal must:
 - include one or more universities/ research centres and one or more enterprises (operating on a commercial basis)
 - come from partners in at least 2 different EU Member States or Associate Countries
 - **Partners from Third Countries can also join in**



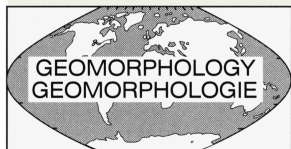
Open Calls

| Call Id | Call title | Publication Date | Deadlines |
|---------------------------------------|--|------------------|-------------------|
| FP7-PEOPLE-2011-CIG | MARIE CURIE CAREER INTEGRATION GRANTS (CIG) | 2010-10-20 | 2011-03-08 |
| FP7-PEOPLE-2011-IRSES | Marie Curie International Research Staff Exchange Scheme (IRSES) | 2010-10-20 | 2011-03-17 |



Forthcoming Calls

| Call Identifier | Call title | Foreseen Date of Publication |
|---------------------|---|------------------------------|
| FP7-PEOPLE-2011-IEF | INTRA-EUROPEAN FELLOWSHIPS FOR CAREER DEVELOPMENT (IEF) | 2011-03-10 |
| FP7-PEOPLE-2011-IIF | INTERNATIONAL INCOMING FELLOWSHIPS (IIF) | 2011-03-10 |

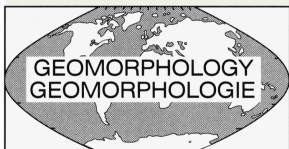


Marie Curie Application Procedures

- Proposals selected in open competitions
- Selection through transparent, independent peer review
- based on excellence and on predetermined criteria
- Panel of experts selected

Electronic Proposal Submission System – EPSS

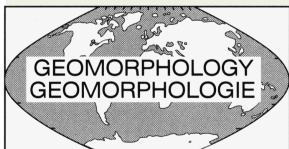
- Register
- Get an Id & Password to enter
- Deadline (CET- Bruxelles Time)



Sample of Application Form

PART A

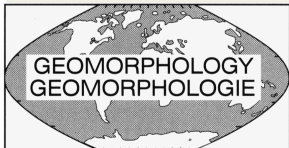
- **A1- Information on the Proposal**
 - Title, acronym, objective etc. / free keywords / 2000 character proposal abstract/ Duration /Scientific Panel
- **A2 – Information on the Host Organization/ Organizations**
 - Legal status/ Legal address/Representatives referral & address
- **A3 – Information on the Researchers**
- **A4 – Funding Request - Budget**



Sample of Application Form

PART B

- Scientific & Technological Quality
 - Implementation
 - Impact
 - Ethical Issues
-
- Pages limits must be kept in mind!
 - bullet points = sections
 - The Part B must be submitted as a PDF file

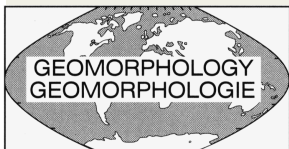


European Research Council (The Ideas Programme)

The European Research Council (ERC) funds every "**frontier research**" projects **in any scientific discipline**, aiming at broadening the scientific and technological knowledge

Who can apply:

- **Researchers from any country in the world and of any age**
- **from both public and private institutions**
- **However, the ERC-funded research should be carried out in one of the 27 EU Member States or in one of the Associated Countries**



ERC grants

ERC Starting Grants: 2-12 years after PhD

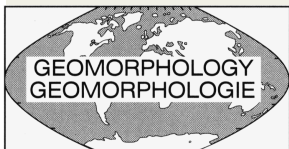
- Provide support to the independent careers of excellent **researchers, whatever their nationality, located in or moving to the EU Member States and Associated Countries**

The Starting Grant calls are published in summer with deadlines in autumn

ERC Advanced Grants: at least 10 years of significant research achievements

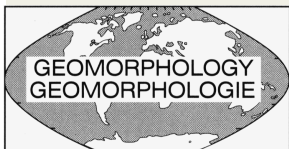
- Advanced Grants encourage and support excellent, innovative investigator-initiated research projects by leading advanced **research leaders located in or moving to the EU Member States and Associated Countries.**
- This funding scheme complements the Starting Grant scheme by targeting the population of researchers who have already established themselves as independent research leaders in their own right

The Advanced Grant calls are published in autumn with deadline in spring



Principal Investigator (PI)

- ERC Grants work supporting single research leaders – '**Principal Investigators**' (PI) heading a research team and being engaged by an host organisation based in EU or Associated Countries
- PI must be **scientifically independent**:
 - Apply for funding independently of senior colleagues;
 - Direct the project, manage the research funding and make appropriate resource allocation decisions;
 - Supervise team members, including research students or others;
 - Have access to appropriate space and facilities for conducting the research



What is Funded ?

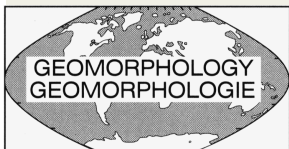
An ERC grant can covers up to 100% of the total eligible direct costs of the research plus a contribution up to 20% of the total eligible costs towards indirect costs

Maximum EC contribution for a period of up to 5 years

- Starting Grants may be up to **2 Million €**, up to **3.5 Million €**
- Advanced Grants maybe up to **3.5 Million**, but normally limited to **2.5 M€**

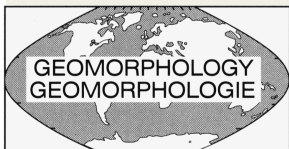
An grant is awarded to the host institution that engages and hosts the Principal Investigator (PI)

The host institution must be situated in a Member State of the European Union or in an Associated Country. It may also be an International European Interest Organisation



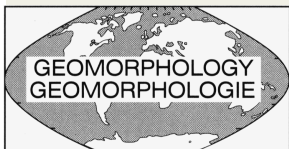
Submit a Proposal

- ERC grant applications can be submitted only in response to an open Call for Proposals
- Yearly calls for proposals covering **all scientific fields over 3 domains**:
 - "Social Sciences and Humanities" (SH)
 - "Life Sciences" (LS)
 - **LS8 Evolutionary, population and environmental biology: evolution, ecology**, animal behavior, population biology, biodiversity, **biogeography**, marine biology, ecotoxicology, prokaryotic biology
 - "Physical Science and Engineering" (PE)
 - **PE10 Earth system science: physical geography, geology, geophysics, atmospheric sciences, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management**



Proposal Evaluation

- Peer review panels composed of renowned scientists and scholars selected by the ERC Scientific Council
- Each funding scheme involves at least one set of 25 Panels covering all fields of science, scholarship and engineering
- Each Panel is headed by a highly distinguished Panel Chair and composed of 10-14 Panel Members.



Open Call for Proposal

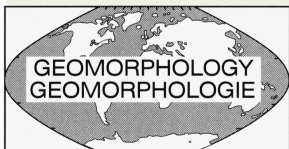
Advanced Grants:

OPEN

- "Life Sciences" – **Deadline on March 10, 2011**
- "Social Sciences and Humanities" - deadline April 6, 2011

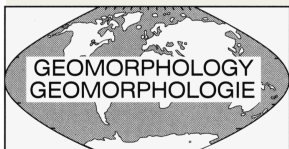
CLOSED

- "Physical Science and Engineering" – Expired on February 9, 2011
- Depending on the Domain 3 deadlines applying to a call



The Application Form

- A proposal consists of:
 - **PART A - Administrative forms**
 - **PART B - The research proposal and supporting documentation**
- Proposal formats and page numbers are strictly limited
- Submission of all the documents is accepted only via the web-based **Electronic Proposal Submission Service (EPSS)**



EURAXESS – Research in Motion

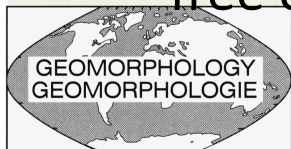


A web site targeting Researchers seeking to advance their careers and personal development by moving to other countries can find information on:

- training
- jobs vacancies
- living, working and relaxing in Europe

EURAXESS Jobs

- find constantly updated information on job vacancies, funding opportunities and fellowships throughout Europe
- Post your CVs
- Companies or research institutes can post vacancies and search for the CVs
- free of charge





EURAXESS Services

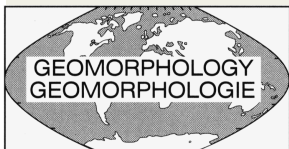
- A network of more than 200 Service Centres located in 35 European countries
- Helping researchers and their family to plan and organize their move to a foreign country (accommodation, visa and work permits, language lessons, schools for your children, social security and medical care)

EURAXESS Rights

- Provides all information regarding the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers

EURAXESS Links

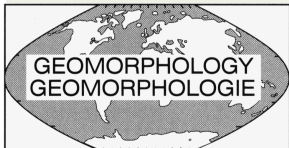
- Find extensive information about research in Europe, European research policies, career opportunities in Europe, international collaboration and trans-national mobility. It also provides interactive web tools promoting networking amongst European researchers living abroad



Other Opportunities Beyond Europe

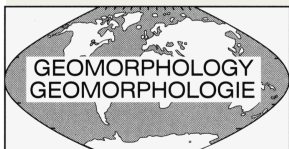
**International Tropical Timber Organization (ITTO)
Fellowship Program**

Ford Foundation & International Fellowship Program (IFP)



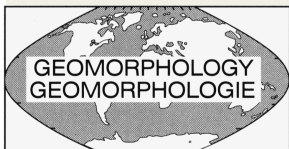
International Tropical Timber Organization (ITTO) Fellowship Program

- Promotes human resource development and professional expertise in member countries in **tropical forestry and related disciplines**
- Supports mainly short-term activities, such as:
 - **Participation in international conferences, training courses and study tours**
 - Preparation of **manuals** and **monographs**
 - **Small grants for post-graduate study**
- The maximum amount for a fellowship grant is US \$10.000



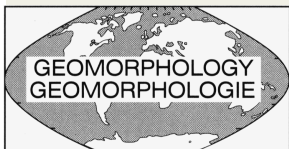
Open Call – Selection Procedure Spring 2011

- Only nationals of ITTO member countries are eligible to apply
Africa: Cameroon - Central African Republic Congo - Côte d'Ivoire - Democratic Republic of the Congo - Gabon - Ghana - Liberia - Nigeria - Togo
- **Timeline for Fellowship for 2011: March, 25**
- Fellowship activities are expected to start not earlier than September, 1



Ford Foundation & International Fellowship Program (IFP)

- Supports for up to 3 years of formal post-baccalaureate study
- Fellows from countries in Africa, Middle East, Asia, Latin America, and Russia
- Innovative Country – Based structure:
 - a Secretariat in New York manages the program and sets policy guidelines, while **partner organizations in 22 countries manage key aspects of the program in each local context**
- Eligible countries in Africa: Egypt - Ghana - Senegal - Kenya - Mozambique - Nigeria – Tanzania - Uganda - South Africa
- Local Requirements and deadlines vary among IFP Countries
- 3 Field of Study:
 - **A. ASSET BUILDING AND COMMUNITY DEVELOPMENT**
 - B. PEACE AND SOCIAL JUSTICE
 - C. KNOWLEDGE, CREATIVITY AND FREEDOM



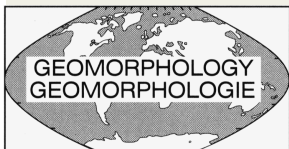
A. ASSET BUILDING AND COMMUNITY DEVELOPMENT

Environment and Development

- Environment Studies
- Rural Sociology
- Urban/regional Planning
- Development/Resource Economics
- Geography
- Forestry
- Resources
- Conservation/management
-

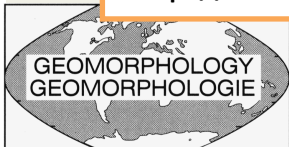
Community Development

- Urban and Regional Planning
- Economics
- Geography
- Agriculture/Environmental Economics
-



Partners Organizations in Africa

- EGYPT America-Mideast Educational and Training Services (AMIDEAST)
http://www.amideast.org/programs_services/exchange_programs/ifp
- GHANA Association of African Universities (AAU)
<http://www.aau.org/ifp>
- NIGERIA Pathfinder International
<http://www.pathfind.org/ifp>
- SENEGAL West African Research Center
<http://www.warc-croa.org/>
- TANZANIA The Economic and Social Research Foundation (ESRF)
<http://www.esrftz.org/ifp>
- UGANDA Association of the Advancement of Higher Education and Development (AHEAD)
<http://www.ahead.or.ug>
- KENYA The Forum for African Women Educationalists (FAWE)
<http://www.ifpeastafrica.org>
- MOZAMBIQUE Africa-America Institute (AAI)
<http://www.ifpmoz.co.mz>
- SOUTH AFRICA Africa-America Institute (AAI)
<http://www.aaisa.org.za>



Thanks for your attention!!!

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Project and Financial Manager

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