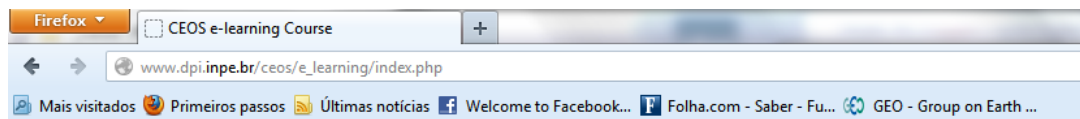


E-Learning Course

Hilcéa Ferreira, INPE



**Presentation to the 2nd WGCapD Meeting
Frascati, Italy – Mar 4-6, 2013**



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General Information

The Mission of the **CEOS Working Group on Capacity Building & Data Democracy (WGCapD)** is to build upon the CEOS Data Democracy Initiative in an effort to increase the capacity of institutions in less developed countries for effective use of Earth Observation data for the benefit of society and to achieve sustainable development.

Education is a tool for wider outreach to the world community capacity building and the effective management of natural resources for sustainable development.

The **International e-learning course on Introduction to Remote Sensing Technology** is an effort by CEOS Agencies toward:

- Providing wider and easier access to Earth Observation data;
- Increasing the sharing of software tools such as the use of open source software and open systems interface;
- Increasing data dissemination capabilities, transferring relevant technologies to end users.

The **main goal** of this course is to disseminate the remote sensing technology **among University Lecturers**, encouraging them to use remote sensing in Earth sciences applications.

This course is **free of charge** and applications to participate must be submitted online at [Application Form](#). The application period closes on the 15th of January 2013.

Supported by:



http://www.dpi.inpe.br/ceos/e_learning/index.php





International e-learning course on Introduction to Remote Sensing Technology for Educators

First Pilot course: 15 Feb - 15 June, 2013

4 modules:

1. Introduction, History and International Support
 2. Principles of Remote Sensing, Sensors and Platforms
 3. Data and Tools
 4. Remote Sensing Applications
- + Project development

Target Region: Africa (English speaking countries) – Nigeria, Kenya and South Africa



INPE: Hilcéa Ferreira, Tania Maria Sausen, María Silvia Pardi Lacruz, Laércio Namikawa, Teresa Florenzano, Julio Dalge, Ivan Marcio Barbosa, Claudia Almeida

NOAA: Andrew Heidinger

NASA: Kim Keith

USGS: Eric Wood

ISRO: S.P Aggarwal and Shefali Aggarwal

CONAE: Sandra Torrusio and Josefina Otero

UNOOSA: Lorant Czarán

SANSA : Nale Mudau

IRD: Laurent Durieux

Selection of Students



Priority	Name	Nationality	University	Current Title/Position
3	Tsekou Toure Kenyanito	Kenyan	Pwani University	Assistant Lecturer
3	Gordon Ojwang	Kenyan	University of Nairobi	Principal Natural Resource Scientist / GIS-Remote sensing analyst
3	Salah hamad	Libian	Omar El Moukhtar	Assistant Lecturer
3	Oludayo Abiodun	Nigerian	University of Lagos, Nigeria	Lecturer II
3	Alfred Sunday Alademomi	Nigerian	University of Lagos	Lecturer
3	Bolarinwa Balogun	Nigerian	African Regional Centre for Space Science & Technology Education in English (ARCSSTE-E)	Chief Scientific Officer
3	Ojonigu Ati	Nigerian	Federal University, Dutsin-Ma, Katsina State	Professor of Geography
3	Joseph O. Olusina	Nigerian	University of Lagos	DR./Senior Lecturer
3	Ganiyu Agbaje	Nigerian	National Space Research & Development Agency - NASRDA	Director, Mission Planning, IT, & Data Management
3	Olufisola Oladipo	Nigerian	University of Ibadan Nigeria	Senior GIS Consultant/Researcher
3	Yahaya Zayyana Ibrahim	Nigerian	Umaru Musa Yar'adua University, Katsina	Mr/Assistant Lecturer
3	Josiah Nuhu Jabbo	Nigerian	Abubakar Tatari Ali Polytechnic	Lecturer II
3	Adamu Usman	Nigerian	Abubakar Tatari Ali Polytechnic	Lecturer II
3	Joshua Ogbonna	Nigerian	Abia State University	Senior Lecturer
3	Temitope Dare Timothy Oyedotun	Nigerian	Adekunle Ajasin University, Akungba-Akoko, Ondo State, Nigeria	Lecturer
3	Omowumi Alabi	Nigerian	African Regional Centre for Space Science & Technology Education in English (ARCSSTE-E)	Chief Scientific Officer
3	Olusegun Adeaga	Nigerian	University of Lagos	Lecturer
3	Olakunle Rufus Oladosu	Nigerian	African Regional Centre for Space Science and Technology Education, Obafemi Awolowo University	Principal Scientific Officer
3	Abdul-Rahman Adeniran Adegbite	Nigerian	African Regional Centre for Space Science and Technology Education, Obafemi Awolowo University	Scientific Officer
3	Oro-ghene Adia	Nigerian	Federal University of Technology Akure	Mr/ Assitant Lecturer
3	Oludare Moses Ajewole	Nigerian	Federal University of Technology Akure	Professor/Director, Centre for Space Research and Applications, FUTA
3	Abdul Husaini	Nigerian	Federal University of Technology, Minna	General Manager/Lecturer I
3	Julius Ibukun Agboola	Nigerian	Lagos State University	Lecturer
3	Samuel Anih	Nigerian	African Regional Centre for Space Science and Technology Education in English	Scientific Officer/ Educator
3	Felicia Oluwatoyin Ajayi	Nigerian	African Regional Centre for Space Science and Technology Education in English	SCIENTIFIC OFFICER
3	Enoch Elemo	Nigerian	Obafemi Awolowo University	Senior Scientific Officer
3	Williams Ojo	Nigerian	University of Ibadan, Nigeria	Senior Technical Officer
3	Ntsoaki Malebo	South Africa	Central University of Technology	Post-doctoral fellow
3	Inos Dhau	Zimbabwean	University of Limpopo	Lecturer
2	Byron Ananagwe	Kenyan	RCMRD	Product Executive
2	Adebayo Eludoyin	Nigerian	Obafemi Awolowo University, Ile-ife, Nigeria	
2	Oladipo Oni	Nigerian	University of Lagos	GIS Expert
2	Charles Wilson Messo	Tanzanian	University of Dar es Salaam	Geochemist/Laboratory Scientist
2	Sindi Maduhu	Tanzanian	University of Dar es Salaam	Geologist/Geophysicist
2	Athumani Amiry	Tanzanian	University of Dar es Salaam	Geologist
2	Jacob Muhomi	Tanzanian	University of Dar es Salaam	Tutorial Assistant
2	Ivan Buyondo	Uganda	Makerere	Senior IT Officer Wildlife Conservation Society
2	Farai Dondofema	Zimbabwean	University of Venda	Chief GIS and Remote Sensing Technician
2	Yanina G. Colberg	American	Currently doing some collaboration with Rwanda so I will like to take this certification because we will teach our collaborators to use remote sensing.	Center Lead NASA DEVELOP at Wise

Selection of Students



Selected			Confirmations		
Nigeria	26		Nigeria	22	
Kenya	3		Kenya	3	
South Africa	1		South Africa		
Total	30		Total	25	
Libia	1		Libia	1	
Tanzania	4		Tanzania	2	
Uganda	1		Uganda		
Zimbabwe	2		Zimbabwe	1	
USA	1		USA	1	
Total	9		Total	5	30



TerraView



E-learning Courses

- SPRING
- TerraView
- ORFEU Tool box
- SOPI