



UNITED NATIONS
Office for Outer Space Affairs

PROGRAMME OF ACTIVITIES

UN-SPIDER Regional Workshop "Building Upon Regional Space-based Solutions for Disaster Management and Emergency Response for Africa"

Organized by the
United Nations Office for Outer Space Affairs

together with the
United Nations Economic Commission for Africa

with support of
The Government of Austria

and in cooperation with
Secure World Foundation

6 – 9 July 2010

ECA Conference Center
Conference Room 5
Menelik II Avenue
Addis Ababa, Ethiopia

1. General Information

In its resolution 61/110 of 14 December 2006 the United Nations General Assembly established the “**United Nations Platform for Space-based Information for Disaster Management and Emergency Response – UN-SPIDER**”, as a programme of the United Nations Office for Outer Space Affairs, to provide universal access to all countries and all relevant international and regional organizations to all types of space-based information and services relevant to disaster management to support the full disaster management cycle.

To strengthen its presence in Africa, the UN-SPIDER Regional Workshop will focus on the following objectives which have been outlined in the *Framework and Implementation Plan for activities in Africa 2010*:

- To discuss the overarching topics of climate change in Africa with special emphasis of the contribution of space-based technologies to mitigate the impact and enhance adaptation to global climate change and land degradation utilising innovative monitoring and analysing tools.
- To capture and harmonise the various existing initiatives that are contributing to helping African countries to access and use space-based technologies for disaster management and risk reduction as well as to explore possibilities of capacity development and institutional strengthening.
- To develop a strategy to engage the support of Regional Support Offices and National Focal Points in contributing to capacity building and institutional strengthening regarding the use of space-based information technology.

The proposed workshop will allow participants to:

- Become aware of the most recent examples regarding the use of space-based applications and solutions targeting disaster-risk management, emergency response, climate change, and health-related issues; and to advantage of those applications and solutions.
- Become aware of the activities being conducted by UN-SPIDER in Africa, and identify ways and means to become engaged in these activities.
- Network with representatives of a variety of countries and regional and international institutions engaged in these types of activities.

The Workshop will enable UN-SPIDER to:

- Identify strategies to bridge the gap between the space and the disaster management communities.
- Improve the communication and coordination among existing initiatives in African countries regarding access to and use of space-based technologies for disaster-risk management, emergency response, climate change, and health-related issues.
- Continue strengthening the network and role of National Focal Points and Regional Support Offices in Africa.
- Obtain elements to define the strategy to support UN-SPIDER in Africa, including capacity building and institutional strengthening.
- Collect additional Country Profiles as proposed in the UN-SPIDER 2010-2011 Workplan.

TUESDAY, 6 July 2010

TIME	ACTIVITY	Lead/Moderation
8:30 - 9:00	Registration of Participants	Moderator:
9:00 - 9:30	Opening of the Workshop ECA – Aida Opoku-Mensah UNOOSA/UN-SPIDER – Juan-Carlos Villagran de Leon Government of Austria – H.E. Gudrun Graf Secure World Foundation – Agnieszka Lukaszczyk ECA/FSSDD – OiC of ECA – Josue Dione	Makane Faye (ECA)
9:30 - 10:15	Introductory Presentations Juan-Carlos Villagran de Leon (UNOOSA): Applications for Disaster Risk Management and Emergency Response in Africa Agnieszka Lukaszczyk (Secure World Foundation): Near Earth Object Overview	
10:15 - 10:45	Coffee Break	
10:45 - 12:30	PRESENTATION SESSION 1: <i>“Climate Change, Health, Telemedicine”</i> Marc Leroy (AU): The African Monitoring of Environment for Sustainable Development (AMESD) Program and its links with Disaster Risk Management Issues Hamdou Wane (ECA): Food Security, Disaster Management and Space-based Solutions in Africa: Identifying some of the main issues Cheikh Kane (ACMAD): African Early Warning and Advisory Climate Services - ViGIRisc Philip Omondi (ICPAC): Climate Change and Health: Experience in use of Space Technology over the Greater Horn of Africa Aster Yilma (IWMI): Overview of Climate change and Adaptation in Africa/Ethiopia	Moderator: Andre Nonguierma (ECA)
12:30-14:00	Lunch Break and Discussions	
14:00 - 15:15	PANEL SESSION 1 <i>“Sources and challenges of space-based information for disaster risk management and Emergency Response in Africa – The Space Community Perspective”</i> Panelists: Space Agencies and Remote Sensing Centers	Moderator: Charles Agbo (NEMA)
15:15 - 15:45	Coffee Break	
15:45 - 17:15	DISCUSSION SESSION 1 <i>“Climate Change, Health, Telemedicine”</i> 3 Breakout groups coming up with recommendations to three distinct areas	All participants Discussion sessions chaired and facilitated by participants
17:15 - 17:30	Plenary Session: Group presentations	Rapporteurs of groups
17:30-18:30	Ice-Breaker	SWF

Wednesday, 7 July 2010

TIME	ACTIVITY	Lead/Moderator
8:30 – 10:30	<p style="text-align: center;">PRESENTATION SESSION 2</p> <p style="text-align: center;"><i>“Networking and long-term sustainability”</i></p> <p>Godstime James (NASRDA, RSO): Sustaining the Activities of the UN-SPIDER Regional Support Office in Nigeria</p> <p>Hussein Farah (RCMRD, RSO): RCMRD and its Role in Disaster Management in East Africa.</p> <p>Bruno Meyer (CSIR): CSIR Satellite Applications Centre: Earth Observation Service Centre; Towards a RSO in South Africa</p> <p>Rigobert Bayala: Burkina Faso's National Ecosystems Monitoring and Desertification Dynamics Programme: existence of sharing network for its implementation in the long-term</p>	<p>Moderator:</p> <p>Isi Ikhuoria (RECTAS)</p>
10:30 – 10:45	RSO Signing Ceremony – RCMRD	UN-SPIDER/RCMRD
10:45 - 11:15	Coffee Break	
11:15 - 12:30	<p style="text-align: center;">DISCUSSION SESSION 2</p> <p style="text-align: center;"><i>“Networking and long-term sustainability”</i></p> <p>3 Breakout groups coming up with recommendations to three distinct areas</p>	<p>All participants</p> <p>Discussion sessions to be chaired and facilitated by participants</p>
12:30-14:00	Lunch Break and Discussions	
14:00 - 15:15	<p style="text-align: center;">PRESENTATION SESSION 3</p> <p style="text-align: center;"><i>“Opportunities to support Emergency Response and DRR activities for Africa”</i></p> <p>Teshome Erkinch (GEOSAS): The Role of GARNET-E in supporting Disaster Management and Emergency Response for Africa</p> <p>Otilie Angula: The Namibia flood pilot project</p> <p>Vera Thiemig (JRC): Heading Towards a Pan-African Flood Forecasting and Early Warning System</p> <p>Meron Sahlemariam (ECA): Health and Emergency Management</p>	<p>Moderator:</p> <p>Foster Mensah (CERSGIS)</p>
15:15 - 15:45	Coffee Break	
15:45 - 17:15	<p style="text-align: center;">DISCUSSION SESSION 3</p> <p style="text-align: center;"><i>“Opportunities to support Emergency Response activities and DRR for Africa”</i></p> <p>3 Breakout groups coming up with recommendations to three distinct areas</p>	<p>All participants</p> <p>Discussion sessions to be chaired and facilitated by participants</p>
17:15 - 17:30	Plenary Session: Group presentations	Rapporteurs of groups

Thursday, 8 July 2010

TIME	ACTIVITY	Lead/Moderator
8:30 – 10:30	<p align="center">PRESENTATION SESSION 4</p> <p><i>“Capacity Building Efforts in Africa”</i></p> <p>Juan-Carlos Villagran de Leon (UN-SPIDER): The UN-SPIDER Capacity Building Strategy</p> <p>Isi Ikhuoria (RECTAS): RECTAS: Capacity building in Space Technology and Geospatial data applications</p> <p>Andries Jordaan (UFS-DiMTEC): Capacity building in Disaster Risk Reduction: Challenges for Post Graduate education</p> <p>Lothar Beckel (IGM): Remote Sensing in Disaster management and Risk Mapping (Atlas and Poster)</p> <p>Jean-Pierre Nana (ICDO): Capacity Building efforts by ICDO – Regional Training Center in Yaoundé</p>	<p>Moderator:</p> <p>Makane Faye (ECA)</p>
10:30 - 11:00	Coffee Break and Poster Viewing	
11:00 - 12:30	<p align="center">DISCUSSION SESSION 4</p> <p><i>“Capacity Building Efforts in Africa”</i></p> <p>3 Breakout groups coming up with recommendations to three distinct areas</p>	<p>All participants</p> <p>Discussion sessions to be chaired and facilitated by participants</p>
12:30-14:00	Lunch Break and Discussions	
14:00 - 15:15	<p align="center">PANEL SESSION 2</p> <p><i>“Ways to institutionalize Space-based information for Disaster Risk Reduction and Emergency Response”</i></p> <p>Panelists: Civil Protection and Disaster Management Agencies</p>	<p>Moderator:</p> <p>Christina Giannopapa (ESPI)</p> <p>Juan-Carlos Villagran (UNOOSA/UN-SPIDER)</p>
15:15 - 15:45	Coffee Break	
15:45 - 17:15	<p align="center">DISCUSSION SESSION 5</p> <p><i>“Ways to institutionalize Space-based information for DRR and ER”</i></p> <p>3 Breakout groups coming up with recommendations to three distinct areas</p>	<p>All participants</p> <p>Discussion sessions to be chaired and facilitated by participants</p>
17:15 - 17:30	Plenary Session: Group presentations	Rapporteurs of groups

Friday, 9 July 2010

TIME	ACTIVITY	Lead
8:30 – 10:30	<p align="center">PRESENTATION SESSION 5</p> <p><i>“Information Management incl. Spatial Data Infrastructure and Communication using SBI for ER and DRR”</i></p> <p>Andre Nonguierma (ECA) - The African Regional Spatial Data Infrastructure (ARSDI) : A cooperative Geospatial Information Management in Africa.</p> <p>Abdoulaye Dieye (UNOCHA/ROWCA): Spatial Information Management as Coordination Tool for Disaster Risk Reduction and Emergency Response</p> <p>Chris Chiesa (PDC): Information Sharing for Decision Making</p> <p>Tufa Dinku (IRI): IRI Data Library Products for Disaster Monitoring</p> <p>Christina Giannopapa (ESPI): Policy Perspectives in European-African Partnership through the Use of Satellite Applications</p>	<p>Moderator:</p> <p>Douglas Otim</p>
10:30 - 11:00	Coffee Break and Poster Viewing	
11:00 - 12:30	<p align="center">DISCUSSION SESSION 6</p> <p><i>“Information Management incl. Spatial Data Infrastructure using SBI for ER and DRR”</i></p> <p>3 Breakout groups coming up with recommendations to three distinct areas</p>	<p>All participants</p> <p>Discussion sessions to be chaired and facilitated by participants</p>
12:30-14:00	Lunch Break and Discussions	
14:00 - 15:15	<p>Private Company Presentations</p> <p>Suzanne Baltay (EADS-Astrium)</p> <p>Andrea Cook (GeoEye)</p> <p>Robert Carroll (Pictometry)</p>	
15:15 - 15:45	Coffee Break	
15:45 - 16:45	<p>Meeting Evaluation</p> <p>Plenary discussion on recommendations of the Workshop</p> <p>Workshop summary and next-steps</p>	<p>Organizing committee</p>
16:45 - 17:00	Wrap-up and Farewell	<p>Organizing committee</p>