



UNITED NATIONS
Office for Outer Space Affairs

PROGRAMME

“United Nations International UN-SPIDER Workshop: Building Capacities to Reduce Disasters”

Organized by

The United Nations Office for Outer Space Affairs

With the support of

The Government of Austria

Vienna, Austria, 2 - 4 June 2009

Objectives

- To present the most recent **advances in space-based technologies for disaster management and emergency response**, with the goal of enhancing the typical Disaster-Risk Reduction Framework with solutions based on the use of space-based information.
- To provide continuity to activities being conducted by UN-SPIDER in **Small Island Developing States**, building upon the recommendations and conclusions put forward at the regional workshops organised in 2008 for the Caribbean (Barbados) and for the Pacific Region (Fiji), including consideration on the increase in vulnerability due to climate change.
- To review and finalise the proposed **Capacity-Building Strategy** which will include the following elements: (a) the development of a database of training opportunities; (b) the development of an e-learning strategy, (c) development of a curricula for the use of space-based solutions for disaster management and emergency response, and; (d) the definition of the role of the UN-affiliated Regional Centres for Space Science and Technology Education, and other national and regional Centres of Excellence.

Tuesday 02 June 2009

09:00 – 10:00	Registration
10:00 – 10:30	Opening Ceremony Mr. Ciro Arevalo, Chairman of COPUOS Mr. Helmut Böck, Government of Austria Mr. David Stevens, Programme Coordinator, UN-SPIDER/UNOOSA
10:30 – 12:15	Plenary Session: Chaired by Mr. David Stevens <ul style="list-style-type: none"> • Abdulla Shahid, Chief Coordinator, NDMC and Minister of State for Housing, Transport and Environment, Republic of Maldives: <i>Disaster-Risk Management Efforts in the Maldives.</i> • Ms. Litea Biukoto (SOPAC): <i>SIDS, Climate Change and Risk Reduction in the Pacific Region.</i> • Mr. J.-P. Mund (DLR): <i>Capacity Building for Earth Observation Applications: From rapid science to a prepared society - A cross cutting approach.</i> • Mr. Guido Lemoine (JRC-EC): <i>GMES activities in support of emergency management.</i> • Mr M. Blaha (BMI): <i>The “WISECOM” project: communications during disasters.</i>
12:15 – 12:45	Exhibition Opening Mr. Juan Carlos Villagran, Programme Officer, UN-SPIDER/UNOOSA Mr. Harald Posch, Head of Aeronautics and Space Agency Government of Austria
12:45 – 14:00	Lunch
14:00 – 15:30	Discussion Panel: Capacity Building Strategy. Moderated by UNOOSA and DLR. Z-GIS, ITC, AIT, ADPC, ARCSSTE, CRASTE-LF, CRECTEALC, GEO, ENSAPLV, RECTAS
15:30 – 16:00	Coffee break
16:00 – 17:45	Working Groups: <i>Conference Room II, Rooms CO 232 and CO 727</i> <ul style="list-style-type: none"> • UN-SPIDER Capacity Building Strategy. • Bridging the Space and Disaster Management Communities • SIDS, Climate Change and Risk Reduction
17:45 – 18:00	Concluding Remarks <i>Conference Room II</i> Chaired by Mr. Juan Carlos Villagran de Leon Wrap-up
19:00 – 22:00	Evening Social – Heurigen Müller-Schmidt, Cobenzlgasse 38, 1190 Vienna At the invitation of the Association of Austrian Space Industries — Make sure you have the directions on how to get there.

Wednesday 03 June 2009

09:00 – 10:30	<p>Plenary Session: Chaired by Mr. Giasuddin Choudhury</p> <ul style="list-style-type: none"> • Nikolai Thomas (OPDEM): <i>SIDS, Climate Change and Risk Reduction in the Caribbean Region.</i> • Hannes Kleindienst (GRID-IT): <i>Remote sensing: information products and processing tools for emergency situations.</i> • Mr. Michael Staudinger (ZAMG): <i>Early warning Systems in Europe and international cooperation.</i> • Prof. J. Strobl (Z-GIS): <i>UNIGIS: the concept, the achievements and the challenges of the program.</i>
10:30 – 10:40	Group Photo
10:40 – 11:00	Coffee break
11:00 – 12:30	<p>Working Groups: <i>Conference Room II, Rooms CO 232 and CO 727</i></p> <ul style="list-style-type: none"> • UN-SPIDER Capacity Building Strategy • Bridging the Space and Disaster Management Communities • SIDS, Climate Change and Risk Reduction
12:30 – 14:00	Lunch
14:00 – 15:30	<p>Discussion Panel: SIDS, Climate Change and Risk Reduction Moderated by SOPAC and UNU-ITC</p> <p>SOPAC, UNDP, CEGIS Bangladesh, NDMO Fiji, NDMC Maldives, OPDEM Jamaica, DDM British Virgin Islands; U. Moratuwa Sri Lanka.</p>
15:30 – 16:00	Coffee break
16:00 – 17:45	<p>Working Groups: <i>Conference Room II, Rooms CO 232 and CO 727</i></p> <ul style="list-style-type: none"> • UN-SPIDER Capacity Building Strategy • Bridging the Space and Disaster Management Communities • SIDS, Climate Change and Risk Reduction
17:45 - 1800	<p>Concluding Remarks Chaired by Mr. Juan Carlos Villagran de Leon Wrap-up</p>

Thursday 04 June 2009

09:00 – 10:00	<p>Plenary Session Chaired by Ms. Tania Sausen</p> <ul style="list-style-type: none"> • N. Khabarov (IIASA): <i>The Value of Observations for Reduction of Earthquake-Induced Loss of Life on a Global Scale.</i> • Otto Koudelka (Joanneum Research): <i>Critical Infrastructure Surveillance.</i> • Peter Zeil (Z-GIS): <i>Elements for UN-SPIDER's e-learning component.</i>
10:00 – 10:30	<p>Presentation of Working Group Discussions in Plenary Chaired by Mr. Juan Carlos Villagran de Leon</p> <p>Presentations by Chairs of Working Groups:</p> <ul style="list-style-type: none"> • UN-SPIDER Capacity Building Strategy. • Bridging the Space and Disaster Management Communities • SIDS, Climate Change and Risk Reduction
10:30 – 11:00	Coffee break
11:00 – 12:45	<p>Plenary Session Chaired by Ms. Gaki Tshering</p> <ul style="list-style-type: none"> • Matthias Schardt (Joanneum Research): <i>Aircraft Supported Platforms for Disaster Management.</i> • Vahid Naeimi (IPF – TU Vienna): <i>Global Monitoring of Soil Moisture: flood and drought forecasting.</i> • Koji Suzuki (ADRC): <i>Ensuring Access to Space-based Information in Asia: ADRC's Leading Efforts.</i> • Cees van Westen (ITC): <i>UNU-ITC School for Disaster Geo-Information Management: capacity building strategy.</i>
12:45 – 14:00	Lunch
14:00 – 15:30	<p>Working Groups: Conference Room II, Rooms CO 232 and CO 727</p> <ul style="list-style-type: none"> • UN-SPIDER Capacity Building Strategy. • Bridging the Space and Disaster Management Communities • SIDS, Climate Change and Risk Reduction
15:30 – 16:00	Coffee break
16:00 – 16:30	<p>Conclusions:</p> <ul style="list-style-type: none"> • J. C. Villagran: <i>Outcomes of the workshop</i> • D. Stevens: <i>The way forward</i>

16:30 – 16:45	Closing Ceremony
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