

Fourth United Nations International  
UN-SPIDER Bonn Workshop on  
Disaster Management and Space Technology:

“The 4C – Challenge:  
Communication – Coordination – Cooperation – Capacity  
Development”

Organised by the  
United Nations Office for Outer Space Affairs (UNOOSA)

and the

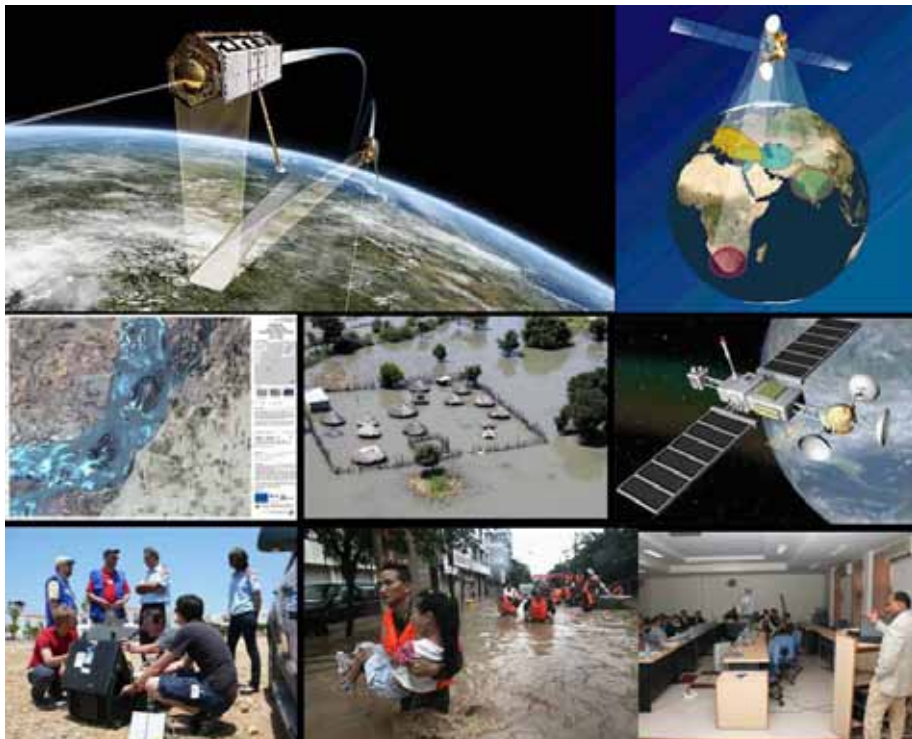
German Aerospace Center (DLR)

with the support from



Bonn, Germany, 12 – 14 October 2010

Langer Eugen UN Campus, Hermann-Ehlers-Str. 10



# Workshop Programme

**Tuesday, 12<sup>th</sup> October 2010**

9:00 – 11:00      **Registration at UN Campus Bonn**  
(Please take into consideration security procedures at the entrance to avoid delays)

10:00 – 11:00      **Coffee and Tea**      (19<sup>th</sup> floor)

## **Opening ceremony**

**11:00**      **Moderator: Jörg SZARZYNSKI / Lorant Czarán, UNOOSA/UN-SPIDER**

11:10 – 11:30      **Welcome Notes**  
**Jürgen MEYER**  
Director General for Technology Politics, Federal Ministry of Economics and Technology, Germany

11:30 – 11:50      **Johann-Dietrich WÖRNER**  
Chairman of the Executive Board  
German Aerospace Center (DLR), Cologne, Germany

11:50 – 12:00      **David STEVENS**  
Programme Coordinator UNOOSA/UN-SPIDER, Vienna, Austria

## 12:00 – 13:00      **Keynote Plenary Presentations**

**Abdullah SHAHID**  
Minister of State for Housing and Environment – Chief Coordinator National Disaster Management Center, Maldives  
**“GIS in Small Islands - Maldives”**

**Nihat OKTAY**  
Turksat, Deputy General Manager, Turkey  
**“Turksat's SatCom and Earth Observation capabilities/practices for Disaster Management and Emergency Response”**

**Jurry DE LA MAR**  
T-Systems International, Vice President, Frankfurt, Germany  
**“State-of-the-art Telecommunication Technology in support of Disaster Management”**

13:00 – 13:10      **Conference Photo**

13:10 – 14:30      **Lunch** (UN Campus Bonn Cafeteria)

14:30 – 16:30	<p><b>Session I: International support mechanisms and the SpaceAid Framework</b>  Moderator: David STEVENS, UNOOSA/UN-SPIDER</p>
14:30 – 16:30	<p><b>Amnon GINATI</b>  ESA International, The Netherlands  <b>“ESA New Integrated Applications Promotion (IAP) Programme”</b></p> <p><b>David HELLO</b>  Head of Risks and Crisis Management Department, SPOT Image, France  <b>“SAFER, a step forward to the GMES Emergency Response Service”</b></p> <p><b>Abdoulaye DIEYE</b>  GIS Officer, United Nations OCHA/ROWCA, Dakar, Senegal  <b>“Overview on the situation of floods in West Africa: the role of spatial-information management”</b></p> <p><b>Harald MEHL &amp; Stefan VOIGT</b>  Civil Crisis Information &amp; Geo Risk, Center for Satellite Based Crisis Information, German Remote Sensing Data Center (DFD), German Aerospace Center (DLR), Oberpfaffenhofen, Germany  <b>“DLR/ZKI – Current Status and Considerations for the Future”</b></p> <p><b>Andrea AJMAR &amp; Amy HORTON</b>  Information Technology for Humanitarian Assistance, Cooperation and Action (ITHACA) / World Food Programme (WFP)  <b>“Geoinformation for disaster and risk management: The WFP and ITHACA approach”</b></p>
16:30 – 17:00	<p><b>Coffee and Tea Break</b></p>
17:00 – 18:00	<p><b>Jen ZIEMKE</b>  Co-founder, The International Network of Crisis Mappers, Boston, USA  <b>“The Crisis Mappers Network: Collaboration for Effective Response”</b></p> <p><b>David STEVENS</b>  UNOOSA/UN-SPIDER  <b>“The UN-SPIDER SpaceAid Framework”</b></p> <p><b>Hanna KUBIAK</b>  Senior Director, Information Services International Sales, GeoEye, USA  <b>“Search, Organize and Share: How Information Services Support Disaster Management”</b></p> <p><b>Clay ATCHESON</b>  Sales Manager, North America, MDA Geospatial Services, USA  <b>“DigitalGlobe's Rapid Response to Haiti Earthquake Disaster”</b></p>
18:00 – 18:30	<p><b>Discussion on the international support mechanisms and the SpaceAid Framework</b></p>
18:30 – 19:30	<p><b>Meeting of the UN-SPIDER Regional Networks (1. Africa, 2. Western Asia, 3. Latin America and the Caribbean, and 4. Asia and the Pacific)</b></p>
20:00 – 22:00	<p><b>Conference Dinner Reception hosted by DLR and the City of Bonn</b>  Welcome note by <b>Helmut JOISTEN</b>, Mayor, City of Bonn  Welcome note by <b>Christoph BECKER</b>, Head Strategy and International Relations, German Aerospace Center (DLR), Cologne  <b>Kapitelsaal der Kath. Hochschulgemeinde, Bonn</b></p>

**Wednesday, 13<sup>th</sup> October 2010**

*> International Day for Disaster Reduction <*

8:30 – 10:30

**Session II: Satellite communication for disaster management**

**Moderator: Yusuf HASCICEK, UNOOSA/UN-SPIDER**

**Constantinos KASSIANIDES**

HellasSat, Greece

**“Activities of the European Satellite Operators Association (ESOA)”**

**Andrew HIDE**

EADS Astrium, UK

**“Satellite Communications for Disaster Management and Emergency Response”**

**Nejat DOGER**

Turksat, Ankara, Turkey

**“Turksat’s satellite communications for Emergency Response in the field”**

**Martin JARROLD**

Global VSAT Forum, UK

**“Global Pre-Positioning of Satellite-Based ICT for Disaster Preparedness & Development”**

**Bernhard COLLINI-NOCKER**

University of Salzburg and Global Communication & Services GmbH, Salzburg, Austria

**“Emergency communication over broadcast media”**

10:30 – 11:00

**Coffee and Tea Break**

11:00 – 12:00

**Lionel MARRE**

R&D Project Manager, IT Emergency Preparedness and Response Branch (ODIF)  
UN World Food Programme, Dubai

**“Satellite technology for telecommunications in humanitarian emergency response operations”**

**Benjamin HOURTE**

Senior Engineer - Section Head, Software and ICT, HITEC Luxembourg S.A.

**“Emergency.lu Solution”**

**Mohammed KHIDER**

German Aerospace Center, Institute of Communications and Navigation,  
Oberpfaffenhofen, Germany

**“Disaster Management Tool (DMT)”**

12:00 – 12:30

Session Discussion (lead by Moderator)

**Satellite Communication for disaster management: recommendations for building upon existing opportunities**

12:30 – 14:00

**Lunch** (UN Campus Bonn Cafeteria)

14:00 – 16:00

## **Session III: Space technology in support of risk and disaster management:**

**Moderator: Robert BACKHAUS, UNOOSA/UN-SPIDER**

**Christina GIANNOPAPA**

European Space Policy Institute (ESPI), Vienna, Austria

**“Policy perspectives for the use of satellite applications in Africa”**

**Natalie EPLER & Peter STUMPF**

UNOOSA/UN-SPIDER, Germany

**“The UN-SPIDER Knowledge Management & Information Dissemination System”**

**Olaf NEUSSNER**

Gesellschaft für Technische Zusammenarbeit (GTZ), Chief Advisor for Disaster Risk Management, Tacloban City, Leyte, The Philippines

**“Deriving Risk Maps from Satellite-Based Land Use Maps in the Philippines”**

**Athina TRAKAS**

Open Geospatial Consortium, Director European Services, Bonn, Germany

**“Interoperability is Key: the necessity of international standards and the OGC Emergency and Disaster Management Working Group”**

**Ingo LIEDTKE**

T-Systems International GmbH, Systems Integration, Project Delivery Center Engineering, Leinfelden-Echterdingen, Germany

**“Trusted Unified Communication & Collaboration (UCC) in Health projects”**

**Anton DONNER**

German Aerospace Center, Institute of Communications and Navigation, Oberpfaffenhofen, Germany

**“IT-Supported Management of Mass Casualty Incidents: The e-Triage Project”**

16:00 – 16:30

**Coffee and Tea Break**

16:30 – 18:00

**Karoliina SAARNIAHO**

UNFCCC, Bonn, Germany

**“Needs for research and climate information under the UNFCCC”**

**Emanuele GENNAI**

Global Affairs Account Executive, ESRI Europe, Nyon, Switzerland

**“GIS Supporting the Gulf of Mexico Oil Spill Response and Recovery”**

**Barbara THEILEN-WILLIGE & Helmut WENZEL**

TU Berlin, Faculty VI, Institute of Applied Geosciences, Department of Hydrogeology, Germany

**“Earthquake Emergency Preparedness in Central-Hungary - Preparing Rapid Response Measurements using Remote Sensing and GIS-Methods”**

**Brian TOMASZEWSKI**

Assistant Professor, Department of Information Sciences & Technologies, Rochester Institute of Technology, Rochester, USA

**“Examining the effects of Global Economic Crisis (GEC) on poverty through natural disasters impacts - An Overview of the UNOOSA RIVAF Project”**

16:30 – 18:00 **Algis KUCINSKAS**  
Planet Action, SPOT Image, Individual Partner, Paris, France  
**“The Planet Action initiative: supporting projects addressing climate change issues and related disaster risk reduction and management”**

18:00 – 18:30 **Feed-back from the Plenary**

19:00 – 22:00 **Conference Dinner Reception hosted by DLR**  
Welcome note by **Annette FROEHLICH**, Strategy and International Relations,  
German Aerospace Center (DLR), Cologne  
**Haus der Geschichte, Bonn**

Thursday, 14<sup>th</sup> October 2010

9:00 – 10:30

**Session IV: The UN-SPIDER Network**

**Moderator: Lorant CZARAN, UNOOSA/UN-SPIDER**

**Natalia KUSSUL**

Deputy Director, Space Research Institute of the National Academy of Sciences of Ukraine and the National Space Agency of Ukraine, Kiev, Ukraine  
**“Activities of UN-SPIDER RSO in Ukraine”**

**Mahamadou KEITA**

Regional Centre for Training in Aerospace Surveys (RECTAS), Ife-Ife, Nigeria  
**“Capacity building in earth observation and geo-information science – A bridge to knowledge for disaster management”**

**Halilu AHMAD**

National Space Research and Development Agency; UN-SPIDER Regional Support Office, Abuja, Nigeria  
**“The Activities of the UN-SPIDER regional support office in Nigeria for 2009/2010”**

**Mustafa HELVACI**

Department of Space Science and Technology, Akdeniz University, Antalya, Turkey  
**Tools for earth observation/remote sensing for disaster management and Emergency response**

10:30 – 11:00

**Coffee and Tea Break**

11:00 – 12:30

**Emilio SEMPRIS**

Director, CATHALAC, Panama

**“Earth Observations for Policy Makers in Mesoamerica”**

**Roberto RICHARDSON VARAS**

Agencia Chilena del Espacio, Santiago, Chile

**“Multi-Sectoral Working Group of Geospatial Information “GTMIG””**

**Gutemberg FRANCA**

Federal University of Rio de Janeiro, Brazil

**“A Brazilian Effort Towards Ocean Model Forecast in the South Atlantic –  
The Oceanographic Modeling and Observation Research Network  
(REMO): An emphasis to remotely sensed products”**

**Peter ZEIL**

University of Salzburg

**“Recommendations from VALgEO”**

12:30 – 14:00

**Lunch** (UN Campus Bonn Cafeteria)

14:00 – 14:45

**Plenary Discussion - Feedback from Participants  
Wrap-Up Discussion (Organisers)**

14:45 – 15:00

**Closing Remarks**