



UNITED NATIONS  
Office for Outer Space Affairs



DLR  
German  
Aerospace Center



Bundesministerium  
für Wirtschaft  
und Technologie

# PROGRAMME OF ACTIVITIES

## *United Nations/Germany Expert Meeting on the Use of Space Based Information in Early Warning Systems*

Organized by

**The United Nations Office for Outer Space Affairs/ UN-SPIDER  
and the  
German Aerospace Center DLR**

With the support of

**Secure World Foundation**

**Federal Office of Civil Protection  
and Disaster Assistance (BBK)**



Bundesamt  
für Bevölkerungsschutz  
und Katastrophenhilfe

**Bonn, Germany, 25-26 June 2013**

**UN Campus, Hermann-Ehlers-Str. 10  
D-53113 Bonn, Germany**

**Version 06 May 2013**

**TUESDAY, 25 June 2013**  
**WEDNESDAY, 26 June 2013**

TIME	ACTIVITY	Lead / Moderation
<b>8:30 - 09:00</b>	<b>Registration of Participants</b>	
<b>09:00 – 09:30</b>	<b>OPENING REMARKS</b>  UNOOSA / UN-SPIDER German Federal Ministry for Economics and Technology German Aerospace Center Secure World Foundation German Federal Office of Civil Protection and Disaster Assistance	Moderator: UN-SPIDER
<b>09:30 - 10:30</b>	<b>SESSION 1: RS, EW and DP</b>  UN-SPIDER and early warning efforts.  Early Warning Systems for Natural Disasters.  Early Warning in the case of Near Earth Objects  Civil Protection and Disaster Assistance	UN-SPIDER  DLR  SWF  BBK
<b>10:30 – 11:00</b>	<b>Coffee break</b>	
<b>11:00 – 12:30</b>	<b>DISCUSSION SESSION 1: Improving Early Warning Systems: Novel Space-based applications to monitor and forecast events</b>  Group 1: Hydrometeorological hazards Group 2: Geological Hazards Group 3: Biological hazards	All participants  Discussion sessions chaired and facilitated by selected participants
<b>12:30 – 13:00</b>	<b>Plenary Session: Group presentations</b>	Rapporteurs of groups
<b>13:00 - 14:00</b>	<b>Lunch Break</b>	
<b>14:00 - 15:00</b>	<b>SESSION 2: Enhancing the Early Warning Message: from warning about events to its potential impacts</b>  Locust Episodes in Africa - crops Forest Fires and EW - soils, forests, population Risk assessment and Tsunami early warning	Moderator: UN-SPIDER  RSO Africa (tbc) CFS IO-TEWS
<b>15:00 - 15:30</b>	<b>Coffee Break</b>	
<b>15:30 - 17:00</b>	<b>DISCUSSION SESSION 2: Using Space-based information: from early warning to early response</b>  Group 1: Hydrometeorological hazards Group 2: Geological Hazards Group 3: Biological hazards	All participants  Discussion sessions chaired and facilitated by selected participants
<b>17:00 - 17:30</b>	<b>Plenary Session: Group presentations</b>	Rapporteurs of groups
<b>17:30</b>	<b>End of the First Day of the Expert Meeting</b>	

<b>TIME</b>	<b>ACTIVITY</b>	<b>Lead/Moderator</b>
<b>08:30 – 09:30</b>	<p><b>SESSION 3: Enhancing links in the early warning chain</b></p> <p>Flood early warning: linking regional, national and local levels</p> <p>Combining archived and up to date imagery in drought early warning</p> <p>Combining RS, GNSS and GIS</p>	<p>Moderator: UN-SPIDER</p> <p>GIZ</p> <p>FAO (tbc)</p> <p>Tbc</p>
<b>09:30 - 10:00</b>	<b>Coffee Break</b>	
<b>10:00 - 12:00</b>	<p><b>DISCUSSION SESSION 3: Enhancing links in the early warning chain</b></p> <p>Group 1: Linking global, national and local efforts Group 2: Combining archived and up to date imagery; Group 3: The role of RS, GNSS and GIS in Early Warning applications.</p>	<p>All participants</p> <p>Discussion sessions to be chaired and facilitated by selected participants</p>
<b>12:00 - 12:30</b>	<b>Plenary Session: Group presentations</b>	Rapporteurs of groups
<b>12:30 - 14:00</b>	<b>Lunch Break</b>	
<b>14:00 - 15:30</b>	<p><b>SESSION 4: THE WAY FORWARD</b></p> <p>Plenary discussion:</p> <p>Strategic Directions - the road ahead Synergies and networks Knowledge Management: The KP: a virtual platform for collaboration, enhancing the use of novel applications; tracking efforts</p> <p>Sustaining the efforts at the local level</p>	<p>Moderator: UN-SPIDER</p>
<b>15:30 - 16:00</b>	<b>Coffee Break</b>	
<b>16:00 - 16:30</b>	<b>Wrap up and Farewell</b>	Organizing Committee
<b>16:30</b>	<b>End of the Expert Meeting</b>	