
COMMITTEE ON THE PEACEFUL USES OF
OUTER SPACE
Fiftieth session
Vienna, 6 – 15 June 2007
Agenda item 7
Report of the Scientific and Technical Subcommittee

**United Nations Platform for Space-based Information for
Disaster Management and Emergency Response (SPIDER)**

Presentation of the 2008-2009 Plan-of-Work as amended

1. In its resolution A/RES/61/110 of 14 December 2006, “United Nations Platform for Space-based Information for Disaster Management and Emergency Response”, the General Assembly decided that this new programme should be established as a programme of the Office for Outer Space Affairs under the Director of the Office as an open network of providers of disaster management support and that the Director of the Office would be responsible for the overall supervision of the programme.
2. The Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space at its forty-ninth session requested that the Office develop a plan of work for the biennium 2008-2009, to be considered by the Committee at its fiftieth session, taking into consideration the indication of commitments received for the biennium 2008-2009 and building upon the opportunities provided by the network of regional support offices. The plan of work for the biennium 2008-2009 should also include a proposal for activities to be carried out by a liaison office in Geneva.
3. The Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space also requested at its forty-ninth session that the Office correspond with all Member States, inviting them to make cash and in-kind contributions to implement the SPIDER plan of work for 2007 and to indicate possible commitments of support for the programme in the biennium 2008 – 2009.
4. The Office for Outer Space Affairs prepared and presented for consideration of the Scientific and Technical Subcommittee a “Proposed 2008-2009 Plan-of-Work”. In preparing the proposed programme the Office took into consideration the Platform Programme 2007 – 2009, the current status of implementation of the activities to be carried out within the 2007 Plan of Work, and also the indication of commitments received from Member States.
5. In reviewing the proposed Plan of Work for 2008 – 2009, the Committee agreed that the proposed Plan of Work should include the specific target activities for the SPIDER Liaison Office in Geneva as well as its proposed planned activities for 2008 and 2009. The Committee endorsed the 2008 – 2009 Plan of Work as amended.



United Nations Platform for Space-based Information for Disaster Management and Emergency Response - (UN SPIDER)

2008-2009 Plan of Work (15 June 2007)

Mission Statement: Ensure that all countries have access to and develop the capacity to use all types of space-based information to support the full disaster management cycle

1. A Gateway to Space-based Information for Disaster Management Support		
<p><u>Activity 1.1 - Systematic compilation of relevant information</u> - Define and implement a platform-wide strategy to ensure the identification and compilation of all relevant information on a continuous basis, including on-going and planned initiatives, case studies and best practices, archived data for disaster studies and capacity building opportunities. This activity will be carried out in close coordination and integration with all other relevant activities.</p>		
<u>Activity 1.1 Targets (Bonn Office)</u>	<u>Planned 2008 Activities</u>	<u>Planned 2009 Activities</u>
<p>Develop a strategy for identification of relevant information, including on-going and planned national, regional and international initiatives; case studies and best practices; available archived data for disaster studies and response; relevant outreach activities and capacity building opportunities; links to all relevant websites; links to the network of regional support offices.</p> <p>The framework should list the sources of information and data, and also how such information will be acquired and with which frequency.</p> <p>Define the concept model of the Knowledge Portal which will hold the gathered information (in close coordination with all other relevant activities)</p> <p>Development of an operational framework for the dissemination of information (in close coordination with activity 1.2)</p> <p>Integration of gathered information into the <u>information database system</u> via the Knowledge Portal Content Management System (KPCMS, see activity 1.2).</p> <p>Acquisition of publications and books for use by Platform staff.</p>	<p>Relevant information gathered by staff and experts of the Network of the Regional Support Offices and included in the Programme web page and distributed through periodic e-newsletters and RSS feeds (Activity 1.2).</p> <p>Implement the strategy for identification and compilation of relevant information.</p> <p>Finalise the concept model of the Knowledge Portal (Activity 1.2).</p> <p>Acquisition of publications and books.</p>	<p>Relevant information gathered by staff and experts of the Network of the Regional Support Offices and included in the Programme web page and distributed through periodic e-newsletters and RSS feeds (Activity 1.2).</p> <p>Revise and update the strategy for identification and compilation of relevant information.</p> <p>Acquisitions of publications and books acquired.</p>
<p><u>Activity 1.2 – Ensure relevant information is easily accessible and disseminated to all interested end-users on a 24/7 basis</u> – Define and implement a Knowledge Portal, which will ensure that all relevant information is widely available. Includes the design and implementation of the Database Management System; Maintain a 24/7-hotline service; periodic E-Newsletters and Discussion Lists.</p>		
<u>Activity 1.2 Targets (Bonn Office)</u>	<u>Planned 2008 Activities</u>	<u>Planned 2009 Activities</u>
<p>The information compiled in the previous activity will be included in a Knowledge Portal (KP) and will also be disseminated through e-newsletters and discussion lists. A hotline will be set-up to receive queries/requests for specific information beyond what is available through the Knowledge Portal.</p> <p>The setting up of this Knowledge Portal (KP) requires the management and administration of a communication platform and IT infrastructure to support not only this activity but also all the IT and communication needs of the Platform. Additionally, after implementation of each software package or addition of new components, the Knowledge Portal has to be configured, maintained and adapted continuously to provide a reliable service to all partners.</p> <p><u>Technical concept phase:</u> Develop a concept model for the design and implementation of the KP, including consideration for the involvement of consultants as a cost-effective option for development and implementation. This KP should also support the Awareness Raising activities, including an e-learning/training component for capacity building of National Focal Points.</p> <p><u>Design:</u> Design an appropriate information database system to hold the information gathered in activity 1.1; Study DBMS options and define the option to be implemented; Choose web application framework, including the Knowledge Portal Content Management System (KPCMS); Define hardware specifications for Knowledge Portal and DBMS; Develop a user interface for accessing the content of the information database system; Design information and communication functions</p>	<p>Finalise the concept model, specifications and develop the implementation plan (including maintenance plan) for the Knowledge Portal Concept Management System (Technical concept phase). Based on the demonstrator of the Knowledge Portal presented in 2007, design the appropriate information database system (Design phase) and develop and beta test the prototype of the Knowledge Portal Content Management System. Consideration also for quality assurance and quality control during all phases of the development, and also during the implementation of the system.</p> <p>Carry out maintenance of IT and communication infrastructure.</p> <p>Publishing of periodic e-newsletters;</p>	<p>Implementation of the Knowledge Portal (KP): acquisition of hardware and needed software; develop training and documentation material; training of staff in the use and maintenance of the system; testing of components.</p> <p>Promote the use and encourage contributions to the Knowledge Portal within the disaster management and space communities.</p> <p>Maintenance of the system with integration of new content and data providers, managements of users, and back up of data.</p> <p>Collection of further user requirements for definition of additional portal components to provide new information components</p>

<p>for the portal: discussion boards, e-newsletters, RSS-type news feeds; Develop terms of reference for the parts of the system to be subcontracted.</p> <p>Implementation: Acquisition of hardware; Implementation and test of components (see design phase) including beta testing as well as quality assurance and quality control; Management of external consultants as required.</p> <p>Basic setup of Knowledge Portal: Set up of web servers, database servers, application servers; Installation, configuration and test of software including QA/QC; Integration and adaptation of additional components; Configuration of workflows; Communication with software solution developers</p> <p>Definition of a plan for (concept development) and implementation of the <u>24/7-hotline service</u>.</p> <p>Maintenance: Integration of new content and data providers; management of users, and backup of data. Collection of further user requirements; Definition of additional portal components to provide new information components; Implementation of components; Management of external contractors and consultants</p> <p>Training and Documentation: Training of content and data providers; Documentation of system</p>	<p>Promotion of e-based information including RSS feeds.</p> <p>Based on the agreed upon plan (concept development) implement a 24/7-hotline service.</p>	<p>Carry out maintenance of IT and communication infrastructure.</p> <p>Publishing of periodic e-newsletters;</p> <p>Promotion of e-based information including RSS feeds.</p> <p>Maintain a 24/7-hotline service.</p>
<p>Activity 1.3 - Awareness raising - Plan and develop initial and follow on awareness raising campaigns, focusing on specific interest groups such as civil protection organisations, funding agencies, school children, news media, intergovernmental and non-governmental organisations, involving key partners, particularly, National Focal Points (NFPs) and the humanitarian and emergency response community, including the user community in Geneva.</p>		
<p><u>Activity 1.3 Targets (Beijing Office)</u></p>	<p><u>Planned 2008 Activities</u></p>	<p><u>Planned 2009 Activities</u></p>
<p>Development of an awareness raising strategy, centred on awareness raising campaigns, which should include the identification of target groups, guidelines for preparation of campaign material, identification and guidelines for involving key partners, particularly National Focal Points (NFPs), and defining and establishing distribution networks.</p> <p>Carry out the planned awareness raising campaigns as defined in the awareness raising strategy, with production of specific publications, displays and education materials, wide distribution of this campaign material, and recording of experience gained.</p> <p>Integrate in the Knowledge Portal (Activity 1.2) specific information on Awareness Raising, including an e-learning/training component for capacity building of NFPs and a disaster-related education database.</p>	<p>Finalise the awareness raising strategy and implement in 2008 the specific activities defined in the strategy.</p> <p>It is expected that in 2008 two awareness raising campaigns will be carried out, including targeting the user community in Geneva. This includes production of specific publications, displays and education materials, wide distribution of this campaign material, and recording of experience gained.</p> <p>Take advantage of UN SPIDER workshops as forums to discuss prototypes of awareness raising material. Additionally receive feedback on the orientation of materials for different target groups.</p> <p>Continuous contribution to the Knowledge Portal (Activity 1.2) ensuring that the specific needs of the area of awareness raising are considered and reflected in the contents of the KP.</p>	<p>Revise and update as needed the awareness raising strategy and implement in 2009 the specific activities defined in the strategy.</p> <p>It is expected that in 2009 two awareness raising campaigns will be carried out. This includes production of specific publications, displays and education materials, wide distribution of this campaign material, and recording of experience gained.</p> <p>Take advantage of UN SPIDER workshops as forums to discuss prototypes of awareness raising material. Additionally receive feedback on the orientation of materials for different target groups.</p> <p>Continuous contribution to the Knowledge Portal (Activity 1.2) ensuring that the specific needs of the area of awareness raising are considered and reflected in the contents of the KP.</p>
<p>Activity 1.4 - Outreach Activities - Organisation of outreach activities; ensure participation of expert speakers in relevant conferences and meetings; support to regional and international seminars and workshops. This activity will be closely coordinated with activity 1.3 – Awareness Raising.</p>		
<p><u>Activity 1.4 Targets (OOSA Vienna)</u></p>	<p><u>Planned 2008 Activities</u></p>	<p><u>Planned 2009 Activities</u></p>
<p>Based on the strategies developed for activities 1.1 and 2.1 and in close coordination with all activities of the programme, develop a framework and implementation plan for outreach activities, which should include 1) the organisation of outreach and awareness building workshops and training courses in all regions and also with the humanitarian community, including the user community in Geneva; 2) participation in relevant international policy-making and technical conferences, meetings and workshops through the provision of speakers and awareness raising materials; 3) support the participation of disaster management practitioners in regional technical and international seminars and workshops organized by UN SPIDER or others. 4. The framework should also highlight the need to channel recommendations and feedback from the participants of these activities to the work of UN SPIDER, in particular to the strategies developed under activities 1.1 and</p>	<p>Carry out the activities defined for 2008 in the framework and implementation plan for outreach activities.</p> <p>This will include:</p> <p>Ensure participation of expert speakers in at least 5 relevant conferences and meetings promoting UN SPIDER activities.</p>	<p>Carry out the activities defined for 2009 in the framework and implementation plan for outreach activities.</p> <p>This will include:</p> <p>Ensure participation of expert speakers in at least 5 relevant conferences and meetings promoting UN SPIDER activities.</p>

<p>2.1.</p> <p>The following workshops will form the core of UN SPIDER's annual effort in the area of outreach: United Nations SPIDER International Workshops focusing on bringing together experts and practitioners that will lead to enhancing horizontal coordination and United Nations SPIDER Regional Workshops, focusing on specific thematic issues, specific UN SPIDER issues and also on strengthening vertical coordination.</p>	<p>Provide support to at least 3 regional and international seminars and workshops in the form of travel support for participants from developing countries.</p> <p>Organisation of at least three workshops, training courses, expert meetings and/or seminars: at least one regional workshop bringing together National Focal Points, and at least 2 international workshops promoting the coordination of initiatives and the strengthening of the Network of Regional Support Offices and also contributing to bridging the gap between the disaster management and the space communities.</p> <p>Organisation of at least one workshop, expert meeting or symposium for the benefit of the user community in Geneva.</p>	<p>Provide support to at least 3 regional and international seminars and workshops in the form of travel support for participants from developing countries.</p> <p>Organisation of at least three workshops, training courses, expert meetings and/or seminars: at least one regional workshop bringing together National Focal Points, and at least 2 international workshops promoting the coordination of initiatives and the strengthening of the Network of Regional Support Offices and also contributing to bridging the gap between the disaster management and the space communities.</p> <p>Organisation of at least one workshop, expert meeting or symposium for the benefit of the user community in Geneva.</p>
<p><u>Activity 1.5 - Regional and country profiles</u> - Support the development and compilation of risk information at the national level by disaster theme (Country Profiles) and support the development of regional/sub-regional vulnerability assessments increasingly incorporating space-based technology solutions to develop the assessments. As part of Activity 3.1 support, to the extent possible, National Focal Points (NFPs) in the development of national vulnerability assessments. This activity will be carried out in close coordination with the work carried out by UN/ISDR and by the UNDP Country Offices.</p>		
<p><u>Activity 1.5 Targets (Beijing Office)</u></p>	<p><u>Planned 2008 Activities</u></p>	<p><u>Planned 2009 Activities</u></p>
<p>Define and implement a strategy that will contribute to the development and compilation of risk information at the national level by disaster theme (Country Profiles) and that will support the development of regional/sub-regional vulnerability assessments increasingly incorporating space-based technology solutions to develop the assessments. This strategy should take into consideration the need to work together with National Focal Points (NFPs) in the development of national vulnerability assessments. The development of country profiles will be based on a grid network methodology according to disaster themes and the geographic vulnerability distribution of disasters.</p> <p><u>Develop contact database</u> – Define, develop and implement a contact database which will centralise and make available all contact information for the Network of Practice and the Network of Regional Support Offices. This contact database will be available to all staff of the Platform, and should include follow-up tracking capabilities.</p> <p>Network of Practice – this Network will include end users and practitioners identified as relevant to the objectives of UN SPIDER interested in working together in the implementation of activities. With their consent, the contact information of those end users and practitioners will be made available through the Knowledge Portal.</p> <p>Network of Regional Support Offices – this Network will include all institutions that have agreed to form a Network of Regional Support Offices contributing to UN SPIDER activities by providing financial contributions, human resources, satellite data, regional capacity building and other in-kind contributions.</p>	<p>Finalise the strategy for the compilation of Country Profiles and regional/sub-regional vulnerability assessments.</p> <p>With the finalisation of the strategy, the target for 2008 is to work with ten National Focal Points in the compilation of risk information by disaster theme for the preparation of country profiles, with a focus on the incorporation and use of space-based technologies.</p> <p>Contribute to the promotion of the development of regional and sub-regional vulnerability assessments using space-based solutions.</p> <p>Maintain and update the database which should include contact information for the National Focal Points, Network of Practice and the Network of Regional Support Offices.</p>	<p>The target for 2009 is to work with twenty National Focal Points in the compilation of risk information by disaster theme for the preparation of country profiles, with a focus on the incorporation and use of space-based technologies.</p> <p>Contribute to the promotion of the development of regional and sub-regional vulnerability assessments using space-based solutions.</p> <p>Maintain and update the database which should include contact information for the National Focal Points, Network of Practice and the Network of Regional Support Offices.</p>
<p align="center">2. A Bridge to Connect the Disaster Management and Space Communities</p>		
<p><u>Activity 2.1 - Establishment of Communities of Practice (CoP)</u> - Support existing and contribute to the establishment of new Communities of Practice bringing together the space-based technology and disaster management communities. This activity will also build upon the work being carried out by GEO in the implementation of the GEOSS 10-year work plan.</p>		
<p><u>Activity 2.1 Targets (Bonn Office)</u></p>	<p><u>Planned 2008 Activities</u></p>	<p><u>Planned 2009 Activities</u></p>
<p>Compile and maintain an inventory of existing and planned Communities of Practice (CoPs) that potentially bring together the space-based technology and disaster management communities.</p> <p>Develop and implement a Concept Document defining a Platform Strategy that will support the consolidation and/or establishment of CoPs. The strategy should also define the support that should be provided to these CoPs and also include</p>	<p>Finalise a Concept Document defining a Platform Strategy that will support the consolidation and/or establishment of CoPs. The strategy should also define the support that should be provided to these CoPs and also include guidelines for supporting national</p>	<p>Update as needed the Concept Document which defines the Platform Strategy that will support the consolidation and/or establishment of CoPs.</p> <p>Maintain updated the inventory of existing and planned</p>

<p>guidelines for supporting national Communities of Practice by relevant national organisations.</p>	<p>Communities of Practice by relevant national organisations.</p> <p>Maintain updated the inventory of existing and planned CoPs.</p> <p>Provide support to existing CoPs as determined in the Concept Document.</p>	<p>CoPs.</p> <p>Provide support to existing CoPs as determined in the updated Concept Document.</p>
<p><u>Activity 2.2 - Knowledge management and transfer</u> - Development of a knowledge management and transfer framework and implementation of specific activities that will contribute to the transfer of knowledge (case studies, best practices, definition of user requirements), involving the participants of the established Network of Practice in the compilation of this knowledge base.</p>		
<p><u>Activity 2.2 Targets (Bonn Office)</u></p>	<p><u>Planned 2008 Activities</u></p>	<p><u>Planned 2009 Activities</u></p>
<p>Development of a knowledge management and transfer framework and implementation of specific activities that will contribute to the transfer of knowledge (case studies, best practices, definition of user requirements). This framework should focus on identifying and bringing together knowledge, practical know-how, expertise and best practices, focusing on capturing and making such knowledge assets available for transfer to all end-users. This development of a knowledge base will also include the refinement of user requirements and definition of best practices (Knowledge management and transfer will be carried out together with the compilation of the information database and should involve the established Network of Practice and include the established CoPs).</p> <p>Activities could include the identification and implementation of projects through the National Focal Points (NFPs) in activity 3.1 <u>together</u> with the Network of Regional Support Offices and other relevant partners and projects such as DLR/ZKI, RESPOND and UNOSAT.</p> <p>This activity should include also the development of a knowledge management and transfer framework that will support the needs of the humanitarian and emergency response community, including the user community in Geneva.</p> <p>This activity includes the publication in hardcopy of case studies and best practices for distribution to developing countries.</p>	<p>Finalise a knowledge management and transfer framework.</p> <p>Prepare a publication of case studies and best practices for distribution to developing countries.</p> <p>Co-lead GEOSS Task CB-07-01f – Knowledge Sharing for Improved Disaster Management and Emergency Response</p>	<p>Finalise a knowledge management and transfer framework.</p> <p>Distribute and make available the publication of case studies and best practices.</p> <p>Co-lead GEOSS Task CB-07-01f – Knowledge Sharing for Improved Disaster Management and Emergency Response</p>
<p><u>Activity 2.3 - Platform for fostering alliances</u> - Ensure the harmonisation of the various initiatives that are contributing to helping developing countries access and use space-based technologies for disaster management and risk reduction (Horizontal Coordination). Develop guidelines that will assist National Focal Points in the implementation of a vertical coordination strategy. Ensure UN SPIDER participation in relevant forums and coordination with relevant programmes, including GEO, GMES, UN/ISDR (PPEW Advisory Group, the Global Platform of Disaster Risk Reduction and the implementation Hyogo Framework of Action), UNESCO, the International Charter Space and Major Disasters and other relevant activities.</p>		
<p><u>Activity 2.3 Targets (Bonn Office)</u></p>	<p><u>Planned 2008 Activities</u></p>	<p><u>Planned 2009 Activities</u></p>
<p>UN SPIDER will contribute to the coordination efforts by ensuring the harmonisation of initiatives that are contributing to help developing countries access and use space-based technologies for disaster management and risk reduction: this would be the <u>Horizontal Coordination</u>. UN SPIDER will work together with and contribute to existing and future international and regional initiatives, contributing directly to the implementation of such initiatives, including contributing to enhance coordination among all UN initiatives that are working with humanitarian and emergency response, as well as with risk reduction and disaster management.</p> <p>In order to take advantage of these existing initiatives national institutions have to work in a coordinated manner. This would be the <u>Vertical Coordination</u>. UN SPIDER will define and disseminate a vertical coordination framework guideline which could be followed by national focal points and other interested national institutions (as part of activity 3.1) and which will contribute to the coordination and interaction among relevant national authorities, scientific institutions, organizations implementing and/or providing space-based solutions, humanitarian, environmental and civil protection actors and the space community, thus contributing to building synergies and contributing to avoiding duplication of activities and efforts.</p> <p>Define and implement an horizontal coordination framework. Identification of relevant international and regional initiatives to work together to ensure coordination of activities. Invite these initiatives to participate and present at the</p>	<p>Finalise and disseminate a vertical coordination framework guideline to be followed by national focal points.</p> <p>Ensure UN SPIDER participation in relevant forums and coordination with relevant programmes.</p> <p>Finalise and implement a horizontal coordination framework. Identification of relevant international and regional initiatives to work together to ensure coordination of activities. Invite these initiatives to participate and present at the UN SPIDER international workshop.</p> <p>Finalise and implement a coordination framework with all UN initiatives taking advantage of the annual UN-wide Charter coordination meeting to promote this</p>	<p>Revise as needed and disseminate a vertical coordination framework guideline to be followed by national focal points.</p> <p>Ensure UN SPIDER participation in relevant forums and coordination with relevant programmes.</p> <p>Revise as needed and implement a horizontal coordination framework. Invite relevant international and regional initiatives to participate and present at the UN SPIDER international workshop.</p> <p>Revise as needed and implement a coordination framework with all UN initiatives taking advantage of the annual UN-wide Charter coordination meeting to promote this coordination framework.</p> <p>Promote a meeting of the UN agencies, EU initiatives</p>

<p>annual international workshop.</p> <p>Define and implement a coordination framework with all UN initiatives. Propose a coordination framework with the EU and other relevant international initiatives. Promote an annual meeting of the UN agencies, EU initiatives and other relevant international initiatives.</p> <p>Bring together information on end user needs as a contribution to GEOSS and as an input to the implementation of a Virtual Constellation for disaster management.</p>	<p>coordination framework.</p> <p>Finalise a proposal for a coordination framework with the EU and other relevant international initiatives. Promote a meeting of the UN agencies, EU initiatives and other relevant international initiatives to discuss this proposal.</p> <p>Take a co-lead in GEOSS Task DI-06-09 Use of Satellites for Risk Management.</p>	<p>and other relevant international initiatives to ensure continuous coordination among activities.</p> <p>Take a co-lead in GEOSS Task DI-06-09 Use of Satellites for Risk Management.</p>
--	--	---

3. A Facilitator of Capacity Building and Institutional Strengthening

Activity 3.1 - Support to National Activities - Support to the implementation of risk reduction and emergency response activities and projects identified in conjunction with designated National Focal Points (NFPs).

<u>Activity 3.1 Targets (Beijing Office)</u>	<u>Planned 2008 Activities</u>	<u>Planned 2009 Activities</u>
<p>Work with Member States to ensure the nomination of National Focal Points (NFPs). Maintain a list of nominated National Focal Points (NFPs). Integrate this list in the contact database.</p> <p><u>Carry out technical advisory missions</u> to meet with National Focal Points and other relevant institutions. Training needs and institutional strengthening should also be discussed as part of these technical advisory missions.</p> <p>Contribute to the definition of National Action Plans together with NFPs, in coordination with the National Platforms for Disaster Reduction.</p> <p>Assist National Focal Points in the implementation of a vertical coordination strategy.</p>	<p>Follow-up with Member States to ensure the nomination of National Focal Points (NFPs) and update the list of National Focal Points (integrate this contact information into the database)</p> <p>Contribute to the definition of National Action Plans together with NFPs, in coordination with the National Platforms for Disaster Risk Reduction – 5 countries in 2008. Help NFPs identify possible partners that could contribute to the implementation of specific activities/actions defined in the National Action Plans.</p> <p>Assist National Focal Points in the implementation of a vertical coordination strategy</p>	<p>Follow-up with Member States to ensure the nomination of National Focal Points (NFPs) and update the list of National Focal Points (integrate this contact information into the database)</p> <p>Contribute to the definition of National Action Plans together with NFPs, in coordination with the National Platforms for Disaster Risk Reduction – 10 countries in 2009. Help NFPs identify possible partners that could contribute to the implementation of specific activities/actions defined in the National Action Plans.</p> <p>Assist National Focal Points in the implementation of a vertical coordination strategy</p>

Activity 3.2 - Support to the establishment of National Disaster Management Planning and Policies - Contribution, at the request of the relevant national focal points, to the definition of disaster management planning and policies with regard to the use of space-based technologies.

<u>Activity 3.2 Targets (Beijing Office)</u>	<u>Planned 2008 Activities</u>	<u>Planned 2009 Activities</u>
<p>Contribute, at the request of the relevant national focal points, to the definition of disaster management planning and policies with regard to the use of space-based technologies, contributing also to linking risk assessment to economic development strategies for poverty alleviation. This activity will be carried out in close coordination with UN/ISDR and other actors in the implementation of the Hyogo Framework of Action.</p> <p><u>Compilation</u> of relevant national disaster management plans that build upon space-based technology solutions.</p> <p><u>Compilation</u> of examples of national disaster management policies that include the use of space-based technology solutions</p> <p><u>Development of templates</u> of national disaster management plans and policies, that include consideration for the incorporation of space-based technologies to be used as guidelines by countries developing such frameworks. Support to countries in the development of such plans and policies, specifically regarding the incorporation of space-based technology solutions and in coordination with UN/ISDR</p> <p><u>Carry out technical advisory missions</u> to these countries and contribute to the development of the National Disaster Management Planning and Policies.</p> <p><u>Promote the vertical coordination strategy guideline developed for Activity 2.3</u></p>	<p>Maintain a compilation of relevant national disaster management plans that build upon space-based technology solutions.</p> <p>Maintain examples of national disaster management policies that include the use of space-based technology solutions</p> <p>Definition of guidelines that will focus on space-based technology solutions to contribute to national disaster management plans and policies by countries developing such frameworks.</p> <p>Support to 5 countries in the development of such plans and policies based on the guidelines developed.</p> <p>Carry out technical advisory missions to these countries and contribute to the development of National Disaster</p>	<p>Maintain a compilation of relevant national disaster management plans that build upon space-based technology solutions.</p> <p>Maintain examples of national disaster management policies that include the use of space-based technology solutions</p> <p>Revise as needed the guidelines that will focus on space-based technology solutions to contribute to national disaster management plans and policies by countries developing such frameworks.</p> <p>Support to 10 countries in the development of such plans and policies based on the guidelines developed.</p> <p>Carry out technical advisory missions to these countries and contribute to the development of National Disaster Management Planning and Policies – 10 missions in</p>

	Management Planning and Policies – 5 missions in 2008.	2009
<p><u>Activity 3.3 - Support to Capacity Building</u> - Capacity-building and the strengthening of institutional arrangements at all levels is key to increasing the ability of organizations and individuals to effectively use space based services for disaster preparedness, response and recovery. Activities will include compilation of information relevant to capacity building opportunities and the facilitation of capacity building which includes practitioners and end-users. This activity will contribute to the development of a proposed curriculum, working with the established regional centres for space science and technology education, affiliated to the United Nations, as well as other national and regional centres of excellence in the training of the end users and in the strengthening of national institutions.</p>		
<u>Activity 3.3. Targets (OOSA Vienna)</u>	<u>Planned 2008 Activities</u>	<u>Planned 2009 Activities</u>
<p>Develop a capacity building framework specific to disaster management activities. The framework should include an e-learning environment to be implemented and maintained by one or more partners of the Network of Regional Support Offices.</p> <p>Develop a database of training opportunities for use of space-based solutions in disaster management.</p> <p>Development of curricula for the use of space-based solutions for the use of space-based solutions for disaster management and emergency response.</p> <p>Promote the realisation of short and long-term training in the centres of excellence, including training that will benefit the humanitarian and emergency response community, including the user community in Geneva.</p>	<p>Finalise a capacity building framework specific to disaster management activities. The framework will build upon existing capacity building opportunities and the available opportunities put forward by the Network of Regional Support Offices.</p> <p>Finalise a database of training opportunities for use of space-based solutions in disaster management, which will be made available through the knowledge portal.</p> <p>Coordinate with identified partners the development of a proposal for curricula for the use of space-based solutions for disaster management and emergency response.</p> <p>Finalise a proposal for an e-learning environment considering existing facilities within the UN and elsewhere. Include in this proposal an implementation plan of this e-learning environment.</p>	<p>Revise, as needed the capacity building framework specific to disaster management activities and implement specific activities including promoting the realisation of short and long-term training in the centres of excellence, including training that will benefit the humanitarian and emergency response community, including the user community in Geneva.</p> <p>Maintain updated a database of training opportunities for use of space-based solutions in disaster management, which will be made available through the knowledge portal.</p> <p>Promote and disseminate with identified partners the curricula for the use of space-based solutions for disaster management and emergency response.</p> <p>Implement an e-learning environment considering existing facilities within the UN and elsewhere, as determined in the proposed implementation plan.</p>
UN SPIDER Liaison Office in Geneva		
UN SPIDER Liaison Office in Geneva – contribute to disseminating and integrating the work of the programme within the disaster reduction and humanitarian response communities in Geneva		
<u>Activity Targets (Geneva Liaison Office)</u>	<u>Planned 2008 Activities</u>	<u>Planned 2009 Activities</u>
<p>Hold regular meetings with the risk reduction and humanitarian and emergency response communities in Geneva to raise awareness of the work of SPIDER (linked to Activity 1.3)</p> <p>Facilitate access of these communities to space data and products to support their work and provide feedback to SPIDER staff on specific needs and expectations of these communities (linked to Activity 1.5)</p> <p>Ensure the participation of representatives of the various agencies in the global outreach activities promoted by SPIDER (linked to Activity 1.4)</p> <p>Provide input to the preparation of specific awareness raising material targeted to these specific user communities and promote the distribution of this material (linked to Activity 1.3)</p> <p>Contribute to the compilation of available information to be included in the SPIDER Knowledge Portal (e.g. reports, case studies, best practices, announcements) (linked to Activity 1.1 and Activity 2.2)</p> <p>Identify capacity building needs as well as carry out and support capacity building activities (linked to Activity 3.3)</p>	<p>Organise in Geneva a SPIDER workshop</p> <p>Organise in Geneva a joint GEO-UN workshop on themes concerning GEOSS and the role of SPIDER</p> <p>Coordinate with Beijing, Bonn and OOSA Vienna offices to support awareness raising for Geneva based entities</p> <p>Provide constant input and support to the SPIDER Knowledge Portal</p>	<p>Organise in Geneva a SPIDER workshop</p> <p>Begin a series of case studies in collaboration, in particular, with ISDR, OCHA and other relevant organisations (on good practise in disaster management and vulnerability reduction using space applications).</p> <p>Organise in Geneva a Symposium on Best Practises in Space Applications for Disaster Management and Vulnerability Reduction (presentation and revision of case studies)</p> <p>Based on the above, provide input to the Knowledge Portal</p>