

United Nations Platform for Space-based Information for Disaster Management and Emergency Response

UN-SPIDER

Technical Advisory Support

What does UN-SPIDER do?

UN-SPIDER ensures that all countries and international and regional organizations have access to and develop the capacity to use all types of spacebased information to support the full disaster management cycle. UN-SPIDER is achieving this by being a gateway to space information for disaster management support; serving as a bridge to interlink the disaster management and space communities; and being a facilitator of capacity-building and institutional strengthening.



Technical Advisory Support is one of the various activities carried out by UN-SPIDER. It could range from a simple consultative phone call to fullfledged in situ technical support. It often materializes in any of the following three forms:

- Technical Advisory Missions involving experts from various space and disaster management agencies and countries under the umbrella of one mission.
- Technical advice to national institutions by means of meetings, teleconferences, video conferences etc
- Facilitating direct cooperation between national institutions and satellite imagery providers.



What does Technical Advisory Support cover?

Technical Advisory Support usually provides know-how on the latest disaster management practices involving space technology. It also deals with international cooperation and regional opportunities, networking with regional institutions, and setting up disaster management plans. It also covers region-specific aspects such as trans-boundary issues, emergency response, risk assessment, GIS based disaster management systems, and disaster risk reduction.

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What are the outcomes of Technical Advisory Missions?

Technical Advisory Missions typically generate:

- Reports with recommendations
- Follow up action
- Guidelines/policies on disaster management issues
- Material required for awareness raising and establishing Communities of Practice
- Access to Space-based information and capacity-building support
- Institutional cooperation

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The United Nations Office for Outer Space Affairs (UNOOSA) implements the decisions of the General Assembly and of the Committee on the Peaceful Uses of Outer Space and its two Subcommittees, the Scientific and Technical Subcommittee and the Legal Subcommittee. The Office is responsible for promoting international cooperation in the peaceful uses of outer space, and assisting developing countries in using space science and technology. In resolution 61/110 of 14

December 2006 the United Nations General Assembly agreed to establish the "United Nations Platform for Space-based Information for Disaster Management and Emergency Response -UN-SPIDER" as a new United Nations programme to be implemented by UNOOSA. UN-SPIDER is the first programme of its kind to focus on the need to ensure access to and use of space-based solutions during all phases of the disaster management cycle, including the risk reduction phase which will significantly contribute to the reduction in the loss of lives and property. UN-SPIDER Information Material 2011. © United Nations Office for Outer Space Affairs.