



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

## ACDR 2007

Astana – Kazakhstan 25-27 June 2007

**UN-SPIDER**  
**Bringing Space-based Solutions  
to the Risk Reduction Community**

**David Stevens**  
United Nations Office for Outer Space Affairs

United Nations Office for Outer Space Affairs (UNOOSA)



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### 50 Years of Space Exploration - Over 800 Satellites Up There

- 45 countries have launched satellites
- 800 satellites up there; 63 launches in 2006
- Meteorological Satellites – Earth Observation Satellites – Communication Satellites – Global Navigation Satellite Systems



Photo credit: NASA

- 1957 – Launch of Sputnik
- Committee on the Peaceful Uses of Outer Space
- United Nations Office for Outer Space Affairs

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

### UN-SPIDER Mandated to UNOOSA – 14 Dec 2006

- UN-SPIDER was 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 (United Nations General Assembly A/RES/61/110).
- 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”.

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

### UN-SPIDER Activities

#### **A Gateway to Space-based Information for Disaster Management Support**

1. Compilation of Information
2. Access to Information
3. Awareness Raising
4. Outreach Activities
5. Regional and Country Profiles

#### **A Bridge to Connect the Disaster Management and Space Communities**

1. Support to Communities of Practice (CoP)
2. Knowledge Management and Transfer
3. Platform for Fostering Alliances

#### **A Facilitator of Capacity Building and Institutional Strengthening**

1. Support to National Activities
2. Support to Establishing National Planning and Policies
3. Support to Capacity Building

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

### UN-SPIDER Team

	1. GATEWAY	2. BRIDGE	3. FACILITATOR
<b>OOSA Vienna</b>	1.4 Outreach Activities		3.3 Capacity Building
<b>Beijing Office</b>	1.3 Awareness Raising 1.5 Regional and Country Profiles		3.1 National Activities 3.2 Planning and Policies
<b>Bonn Office</b>	1.1 Compilation of Information 1.2 Dissemination of Information	2.1 Communities of Practice 2.2 Knowledge Mgmt and Transfer 2.3 Platform for Fostering Alliances	

**Geneva Liaison Office:** contribute to disseminating and integrating the work of the programme within the disaster reduction and humanitarian response communities in Geneva.

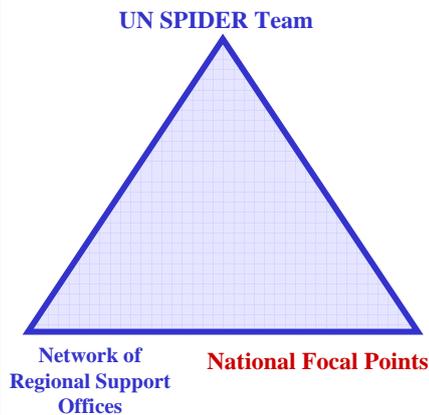
Austria, **China**, Germany and Switzerland  
Algeria, Argentina, Chile, Colombia, Ecuador, Finland, **India**, **Indonesia**, **I. R. Iran**, Italy, Morocco, Nigeria, Romania, **Russian Federation**, Saudi Arabia, South Africa, Syrian Arab Republic, and **Turkey**.

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### UN-SPIDER Cornerstones



**National Focal Points** – the national institutions representing the disaster management and/or space application communities that are nominated by their respective government to work with UN-SPIDER to strengthen national disaster management planning and policies and in the implementation of specific national activities that incorporate space-based technology solutions to support disaster management.

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UN-SPIDER**

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**THANK-YOU**

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