



# General Assembly

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## Committee on the Peaceful Uses of Outer Space

### Report on activities carried out in 2017 in the framework of the United Nations Platform for Space-based Information for Disaster Management and Emergency Response

#### I. Introduction

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#### II. Organizational framework

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##### A. Staff of the United Nations Platform for Space-based Information for Disaster Management and Emergency Response

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**B. Network of regional support offices**

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**III. Activities carried out in 2017**

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**A. Technical advisory support and follow-up activities**

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**1. Follow-up to the UN-SPIDER technical advisory mission to Solomon Islands,  
27 February–2 March 2017**

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**2. Follow-up to the UN-SPIDER technical advisory mission to Myanmar,  
28 March–2 April 2017**

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**3. Follow-up to the UN-SPIDER technical advisory mission to Sri Lanka,  
24–28 April 2017**

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**4. Follow-up to the UN-SPIDER technical advisory mission to El Salvador, 24–28 July 2017**

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**5. Technical advisory mission to Nepal, 31 July–4 August 2017**

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**6. Follow-up to the UN-SPIDER technical advisory mission to Guatemala, 31 July–2 August, and 16–19 October 2017**

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**B. Outreach and networking activities**

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**1. Events organized or co-organized by UN-SPIDER**

**(a) Training course on synthetic aperture radar satellite imagery use in Gabon, 20–24 February 2017**

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**(b) Regional expert meeting on enhancing the use of space-based information in multi-hazard early warning systems, Mexico, 11–13 July 2017**

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- (c) **United Nations International Conference on Space-based Technologies for Disaster Risk Reduction: Building Resilience through Integrated Applications, Beijing, 23–25 October 2017**

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- (d) **Training course on the integration of multisource Earth observation data for disaster damage assessment, Beijing, 25–31 October 2017**

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- (e) **United Nations/Germany International Conference on International Cooperation towards Low-Emission and Resilient Societies, Bonn, Germany, 22–24 November 2017**

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- (f) **Regional workshop, entitled “Building drought resilience in agriculture: partnerships and outreach”, Bangkok, 4 December 2017, and regional training course on Earth observation-based tools for drought monitoring in Sri Racha, Thailand, 5–8 December 2017**

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**2. Contributions to events organized under other initiatives**

**Workshop on Earth observation-based information products for drought risk on a national basis (EvIDENz)**

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**C. Knowledge management**

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**Knowledge portal**

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#### **D. Support in emergencies**

*Support to activation of the Charter on Cooperation to Achieve the Coordinated Use of Space Facilities in the Event of Natural or Technological Disasters (also known as the International Charter “Space and Major Disasters”) during floods in Sri Lanka, 26 May 2017*

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*Activation of the International Charter “Space and Major Disasters” and the European Earth Observation Programme (Copernicus) emergency mapping service for floods in Nepal, 15 August 2017*

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*Activation of the Charter for floods and landslides in Sierra Leone, 15 August 2017*

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*Copernicus emergency mapping service for floods in the Niger, 11 September 2017*

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*Other activities related to improving emergency response*

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#### **IV. Conclusion**

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