UNITED NATIONS
Office for Outer Space Affairs

United Nations International Conference on Space-based Technologies for Disaster Management - "Disaster risk identification, assessment and monitoring", 23-25 October 2013, Beijing, China.

Agenda

	Wednesday 23 October 2013	Thursday 24 October 2013	Friday 25 October 2013
Morning	**08:30 Registration** **09:30 Opening Session** **11:00 Plenary Session 1** Operational initiatives/ programmes/ projects on disaster risk identification, assessment and monitoring	**09:00 Plenary Session 3** Cooperation mechanism for improving disaster risk management **11:00 Plenary Session 4** Preparing for effective disaster response and rapid mapping by knowing risks	**09:00 Plenary Session 5** National Experiences & best practices
Lunch	**12:40-14:00**	**12:40-14:00**	**12:40-14:00**
Afternoon	**14:00 Plenary Session 2** Advanced research and development in use of space based information in Disaster risk assessment	**14:00 Working Groups** 1. Drought monitoring 2. UN-SPIDER Technical Advisory Support 3. Advances in technology for disaster risk management **16:00 Report: Working group outcomes**	**13:30 Closing Session** **14:30 Institutional Visit: China Centre for Resources Satellite Data and Application**
Evening	**18:00 Icebreaker hosted by the Ministry of Civil Affairs, P.R.C (Venue: 2nd Floor)**	**18:00 Reception hosted by DigitalGobe (Venue: 2nd Floor)**	

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Day 1 (23 October 2013):
Opening Session

Time	Activity	Country/Organisation	Speaker
08:30-09:30	**Registration**		
09:30-10:00	**Opening Ceremony** • Ms. Chaimei, Deputy Director General, Ministry of Civil Affairs, PRC (*Chair*) • Pang Chengmin, Deputy Director General, National Disaster Reduction Committee Office, Director General, Ministry of Civil Affairs , PRC and National Disaster Reduction Centre of ChinaMinistry of Civil Affairs and National Disaster Reduction Centre of China • Ma Xinmin, Counsellor, Ministry of Foreign Affairs, PRC • Li Guoping, Deputy Director General, China National Space Administration • Shirish Ravan, Head, UN-SPIDER Beijing Office, UN Office for Outer Space Affairs • Zhang Wei, Director General, Asia Pacific Space Cooperation Organisation, China		
10:00-10:15	**Key note presentation:** Role of space based information in light of the Post 2015 Framework for Disaster Risk Reduction: UN-SPIDER Interventions.	UN Office for Outer Space Affairs (UNOOSA)	Shirish Ravan
10:15-10:30	**Key note presentation:** Earth Observation for Natural Disaster Mitigation	Institute of Remote Sensing and Digital Earth (RADI), China	Huadong Guo
10:30-11:00	**Group photo & Coffee Break**		

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Day 1 (23 October 2013):
Pre-lunch Session (Venue: Plenary Hall on 3ʳᵈ Floor)

11:00-12:40	**Session 1: Operational initiatives/programmes/projects on disaster risk identification, assessment and monitoring**		**Chair:** Maqbool Ahmad, APSCO
11:00-11:15	1. The Construction and Development of National Disaster Reduction and Relief Operational System in China	National Disaster Reduction Centre of China (NDRCC), China	Siquan Yang
11:15-11:30	2. An evaluation of the success of the UN-SPIDER TAMs	National Space Research and Development Agency, Nigeria	Godstime James
11:30-11:45	3. The role of RCMRD in disaster risk reduction in its member states: The SERVIR Africa disaster risk management program	Regional Centre for Mapping and Resources Development (RCMRD), Kenya	Denis MacachariaMuthike
11:45-12:00	4. APSCO activities on space-based disaster risk management	Asia Pacific Space Cooperation Organisation (APSCO), China	Maqbool Ahmad
12:00-12:15	5. ICIMOD activities in Disaster Risk Reduction	International Centre for Integrated Mountain Development (ICIMOD), Nepal	Deo Raj Gurung
12:15-12:40	Discussions		
12:40-14:00	**Lunch (Venue: 2ⁿᵈ Floor)**		

Post-lunch Session (Venue: Plenary Hall on 3rd Floor)

Time	Activity	Country/Organisation	Speaker
14:00-15:40	**Session 2: Advanced research and development in use of space based information in Disaster risk assessment**		**Chair:** Chen Jun, ISPRS
14:00-14:15	6. Integration of Disaster Information: Key Issues and Possible Solutions	Bureau for Crisis Prevention and Recovery, UNDP, New York	Jianping Yan

Time	Activity	Country/Organisation	Speaker
14:15-14:30	7. IWMI's Flood Risk Assessment and Modelling Research in Asia and Africa	International Water Management Institute (IWMI)	Giriraj Amarnath
14:30-14:45	8. 30-meter Global Land Cover Mapping and Data Application Resolution	International Society for Photogrammetry and Remote Sensing (ISPRS)	Chen Jun
14:45-15:00	9. The Value of DigitalGlobe High Resolution Imagery for Disaster Risk Management	DigitalGlobe	Derren Yong
15:00-15:15	10. Cloud Service Interpretation System for Disaster Emergency Based on High Resolution Project	The Earth Observation System and Data Center, China National Space Administration (CNSA), China	Tao Yu
15:15-15:40	Discussion		
15:40-16:00	**Coffee break**		
16:00-17:40	**Session 2............ to be continued**		**Chair:** James Durana
16:00-16:15	11. Earth Observation Satellite (EOS) Data for Disaster Risk Identification and Assessment	RapidEye, Germany	James Durana
16:30-16:45	12. Remote Sensing Images Processing and management for Disaster Emergency Response	Wuhan University, China	Haigang Sui
16:45-17:00	13. Modelling Flood regulation and ecosystem services using artificial intelligence	ARCSSTE-E, Nigeria	Kayode Adepoju
16:15-16:30	14. Exploration of Integrated Reduction Application Based on BeiDou Navigation Satellite System	National Disaster Reduction Centre of China (NDRCC), China	Bo LI
17:00-17:15	15. Satellite technology to prevent and respond in cases of maritime accidents	International Mobile Satellite Organization (IMSO), UK	Esteban PACHA
17:15-17:40	Discussion		
18:00-19:30	**Icebreaker hosted by Ministry of Civil Affairs (2nd Floor)**		

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Day 2 (24 October2013):
Pre-lunch session (Venue: Plenary Hall on 3rd Floor)

Time	Activity	Country/Organisation	Expert
09:00-10:40	**Session 3: Cooperation mechanism for improving disaster risk management**		**Chair:** Bingfang Wu
09:00-09:15	16. Synergy among the Different Collaborative Mapping Mechanisms for Better Major Disaster Emergency Support	National Disaster Reduction Centre of China (NDRCC), China	Suju Li
09:15-09:30	17. Space Technology for Disaster Mitigation in Developing Countries—SDIM's Initiative	Institute of Remote Sensing and Digital Earth, China	Fang Chen
09:30-09:45	18. Introduction of GNSS Disaster Reduction System	Space Star Technology Co., Ltd	Baoming Li
09:45-10:00	19. Application of Space-based Technologies for Disaster Management in West	Regional Centre for Training in Aerospace Surveys (RECTAS), Nigeria	Mahamadou Keita
10:00-10:15	20. Investment in disaster risk reduction pays: The case of Mozambique	United Nations Development Programme, Mozambique	Titus Kuuyuor
10:15-10:40	Discussions		
10:40-11:00	**Coffee break**		
11:00-12:40	**Session 4: Preparing for effective disaster response and rapid mapping by knowing risks**		**Chair:** Titus Kuuyuor, UNDP
11:00-11:15	21. Agriculture Drought Monitoring: from Global to Field	RADI, China	Nana Yan
11:15-11:30	22. The Applications of 3D GIS Models in Support of UNAMID Mission's Camp Risks Analysis and Management	United Nations-African Union Mission in Darfur, Sudan	Yongping Zhao
11:30-11:45	23. Space-based Activities for Disaster Emergency Response in Indonesia	LAPAN, Indonesia	Suwarsono
11:45-12:00	24. National Disaster Observatory: Integrating space-based information for effective disaster management	Shanghai Normal University, China	Jiahong Wen
12:00-12:15	25. Public sector external auditors and the audit of disaster risk	INTOSAI Working Group on	Gaston Moonen

Time	Activity	Country/Organisation	Expert
	management	Accountability for and the Audit of Disaster-Related Aid	
12:15-12:40	Discussions		
12:40-14:00	**Lunch**		

Post-lunch session (Venue: Plenary Hall and Meeting Rooms on 3rdFloor)

14:00-17:30	Working Groups	Venue	Panel
14:00-16:15	**Working Group 1: Drought monitoring** • ICDRR and its Product International Service, *Haixia He,* International Centre for Drought Risk Reduction (ICDRR), China • The Integrated Surface Drought Index (ISDI): Modeling, Validation and Assessment for drought monitoring in Mid-Eastern China, *Jianjun Wu*, Beijing Normal University, China • Community and Technology inter linkages for Drought Risk Assessment and Monitoring in Kenya, *Valerian Micheni*, National Drought Management Authority, Kenya • Drought Management in Malawi, *Madalitso Henry Mwale*, Department of Disaster Management Affairs -Malawi Government, • Discussions	3th Floor meeting Room	NDRCC, APSCO, Sudan and Kenya
14:00-16:15	**Working Group 2: UN-SPIDER Technical Advisory Support Activities** Country experiences, planning joint programmes with the UN-SPIDER • Types of Disaster in Afghanistan and Disaster Management, *Janaqa Haidari*, Department of Disaster Management, Afghanistan	Plenary Hall	UN-SPIDER, Sri Lanka, Mozambique, Bangladesh

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14:00-17:30	Working Groups	Venue	Panel
	• Space Technology Applications Related to Disaster Management in Vietnam, *An Quang*, Disaster Management Centre, Vietnam, Hung • Presentation of mapping software for disasters management in Burkina Faso, *Colonel Lazare YAGO*, Ministry of Territorial administration and Security, Burkina Faso • National Disaster Information Reporting System of China, Dr. Chunbo Fan, NDRCC • The Global Observation Status of HJ-1 Satellite, *Xinling Wang*, NDRCC • Discussions		
14:00-16:15	**Working Group 3:Advances in technology for disaster risk management** • Presentation by *Norman Kerle*, ITC, Netherlands • Seconds to Anywhere, , *Kian Kang*, DigitalGlobe • The current status and tendency of the application of environment disaster reduction through multi-source satellite, *Huoping Ding*, Space Star Technology Co., Ltd, China • Flood delineation and flood hazard mapping based on SAR satellite time series, *Marco Chini*, Centre de Recherche Public - Gabriel Lippmann, Luxembourg • Discussions	3th Floor meeting Room	DigitalGlobe, ITC and NDRCC
16:15-17:40	Outcomes of working groups (Presentations and discussions)		
18:00-19:30	**Reception hosted by DigitalGlobe (2nd Floor)**		

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Day 3 (25 October 2013): Pre-lunch session and Closing ceremony (Venue: Plenary Hall on 3rd Floor)

Time	Activity	Country/Organisation	Expert
09:00-10:40	**Session 5: National experiences and best practices**		**Chair:** Shirish Ravan, UNOOSA
09:00-09:15	26. Space based information service for flood mapping _ case study of Malaysia	Beijing Normal University, China	Jing LI
09:15-09:30	27. Emergency Responses: Ghana's Perspective, National Disaster Management Organisation (NADMO)	National Disaster Management Organisation, Ghana	Edoh Yao Kiatchey
09:30-09:45	28. Sudan 2013 flood from satellite images perspective, Case of Khartoum	National Center for Research, Sudan	Amna Ahmed Hamid El Tom
09:45-10:00	29. Operationalizing Disaster Management Training Programmes in Developing Countries Universities.	University of Cape Coast, Ghana	Benjamin Kofi Nyarko
10:00-10:15	30. NUST's Role in Building the Nation's Resilience against Disasters	National University of Sciences and Technology, Pakistan	Muhammad Naseem Baig
10:15-10:40	Discussions		
10:40-11:00	**Coffee break**		
11:00-12:40	**Session 5......... to be continued**		**Chair:** Shirish Ravan, UNOOSA
	31. Dominican Republic - An example of Improved Disaster Risk Management and Disaster Response Capacity through successful multi-agency collaboration	Defensa Civil Dominicana, Dominican Republic	Pedro Xavier Rodriguez
11:00-11:15	32. Utilization of Space based information for Disaster monitoring in Pakistan	SUPARCO, Pakistan	Zafar Iqbal
11:15-11:30	33. Disaster Management in Bangladesh and Follow-up of UNSPIDER Technical Advisory Mission (TAM)	Department of Disaster Management, Bangladesh	Netai Chandra DeySarker
11:20-11:40	34. Earthquake early warning and monitoring based on space technology in China	National Earthquake Institute, China	Xuhui Shen

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Time	Activity	Country/Organisation	Expert
11:40-12:00	35. Application of remote sensing and GIS for flood monitoring and assessment in China	China Institute of Water Resources and Hydropower Research	Shifeng Huang
12:20-12:40	Discussions		

Closing Ceremony

13:30-14:30	Closing Ceremony		UN-SPIDER, NDRCC and APSCO
14:30-17:30	Institutional Visit: China Centre for Resources Satellite Data and Application		

Note: Participants having flights in the evening/night on 25th October, please go to the Institution with your baggage. Taxi can be hired from the Institution location to go to the airport.