ADRC Highlights

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TOPICS

Participation in International Conferences

UNISDR Asia Partnership Forum 2018

The UNISDR Asia Partnership Forum 2018 was held in Ulaanbaatar, Mongolia on 24-25 April. The IAP Forum is recognized as one of the preparatory meetings for the Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR) to be held in Ulaanbaatar on 3-6 July. ADRC is planning to contribute to the AMCDRR in the areas of applications of space-based technology, data, and information to disaster risk reduction efforts and the global unique disaster identifier (GLIDE) system. For the former, ADRC has expressed interest in a thematic side event to be organized in collaboration with agencies involved in space technologies and disaster management. The executive director of ADRC is co-chairing the Sentinel Asia Steering Committee, which aims to promote the application of that system, and to identify the challenges and gaps that exist between the technology itself, and the applications for which it can be used.

It is assumed that space-based technologies have great capacity for facilitating effective emergency operations by helping emergency managers conduct disaster impact assessments using optical data and SAR data. But it can do more than that. The technology can also be applied to the other disaster management phases of recovery and preparedness. In preparedness, the technology could make substantial contributions to early warning systems as a platform of data collection and information dissemination. One of the latest initiatives involving the use of satellites for preparedness is the Quasi Zenith Satellite System (QZSS) which helps provide disaster information to local residents. Where ground-based information network are less developed, such as in rural areas, the QZSS can deliver messages from the early warning center to local residents through smart phones and sign boards loud speakers, if they are equipped with a QZSS signal receiver. ADRC, in collaboration with its partners, will be sharing this information at AMCDRR and facilitating the communication and collaboration between space agencies and the disaster management communities.

The GLIDE system, on the other hand, could increase disaster data

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management capacity and help with the integration of disaster databases. At AMCDRR, ADRC is expressing to promote the use of GLIDE with relevant partners by highlighting the flexibility of the GLIDE system governance.

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