Statement by

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Agenda Item 8: Space-system based disaster management support

Thank you, Madam Chair.

Indonesia has developed remote sensing data widely applied in our national earth monitoring system. It is also applied to support disaster mitigation, including early warning, emergency response and post-disaster management activities that coordinated through the Indonesian National Disaster Management Authority (BNPB). In 2020, a sub-system of disaster mitigation (sub-PLATYPUS (Remote Sensing Platform for All Users)) has been built and interconnected with the inAWARE system at (BNPB). The information has monitored and delivered during 2020 includes: forest and land fire, flood and landslide, earth quake, oil spill, and covid-19 pandemic.

LAPAN develops in advance real-time systems for the rain monitoring (SANTANU) and the disaster early warning (SADEWA). SADEWA, Satellite-based Disaster Early Warning System works by monitoring potentially catastrophic extreme rain events. Application of both systems, has supported performance of Meteorological, Climatological, and Geophysical Agency and take part in decision support system of local government to mitigate disaster.

Madam Chair,

LAPAN as regional support office of UNSPIDER triggered in 2020 the International Charter to get high resolution data to monitor the affected area by flash flood and landslide around Jakarta in January, South Sulawesi on July, also volcanic activity of Merapi on November.

Thank you, Madam Chair.