

## **Statement of the Russian Federation for Ministerial Summit**

### **(Topic: National Observation System for Hydrometeorology and Environmental Monitoring)**

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Ladies and Gentlemen!

Hydrometeorological factors play an increasingly important role in the life of the contemporary society, which is confirmed by widespread floods, droughts and forest fires worldwide. The last several years were not an exception in this regards for the Russian Federation as well. The most significant event in recent years in our country in terms of duration, intensity and damage was the large-scale flood resulted from rainfall floods that occurred in the Amur River basin in 2013. Besides, floods in the Altai region, forest fires in Siberia, Yakutia and the Far East caused the substantial property damage that was decreased due to preventive measures taken from the available emergency information.

The observation network of Roshydromet is the most important source of the environmental information for our country. It consists of about 5.5 thousand observational points that conduct observations for more than thirty programs. Furthermore, satellite data is also crucial data source for such vast country like the Russian Federation. Roshydromet satellite ground segment consists of three SRC Planeta regional centers (European, Siberian and Far-Eastern), responsible for receiving, processing, disseminating and archiving satellite data. These centers together give full coverage of Russia and neighboring territories.

The Russian observation system is continuously updated. Particular attention was given to the introduction of the automatic meteorological and hydrological stations, the launch of the new Russian hydrometeorological satellites, and establishment of the new observational network based on Doppler meteorological radars, thunderstorm and tsunami detection systems, and advanced instrument for geophysical monitoring.

Finally, we would like to stress the progress achieved by GEO over the past ten years in observing systems integration at the global level. Moreover, we highly endorse the new 10-year GEO Strategic Plan: Implementing GEOSS.

Thank you for your attention!