

Statement by Thailand
Agenda item 10. Space and water
68th Session of Committee on the Peaceful Uses of Outer Space
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Chair, Distinguished Delegates,

Water is essential and crucial resource for Thailand. It fuels our vital activities, such as, agriculture, food production, public health, and energy. Management of water is a major contributor to response disasters from floods and droughts that we face every year. As the situations are exacerbated by Climate Change, Thailand emphasizes on advancing space-based solutions in addressing water challenges and develop tools to cope with challenges.

Space applications and solutions have been widely employed in diverse activities in the country, ranging from allocation and management of water resources by policymakers, seasonal climate forecasts for agricultural producers and cooperatives, near real-time satellite data and direct emergency responses for national disaster warning center, including satellite imagery for urban and environmental planners.

One of the flagship initiatives is Water Situation Awareness Platform, by integrating EO data with artificial intelligence to provide early warnings and strategic insights. The initiative is focusing on transboundary river basins, particularly the Mekong River, where sharing of the water resource requires cooperative solutions. The platform exemplifies the role of geospatial intelligence in fostering regional resilience and data transparency.

Chair,

Thailand actively engages in international partnerships for digital transformation of water governance such as CEOS, GEOSS, UN-SPIDER, the Space for Climate Observatory (SCO), and APSCO.

We would like to reiterate three important points which could promote space for water.

Firstly, ensuring transparent and equitable access to satellite data for all stakeholders;

Secondly, advocating for interoperability and standardization to enhance data integration and usability;

Lastly, enhancing capacity-building initiatives to empower users at all levels with the necessary skills to effectively utilize Earth Observation technologies.

In conclusion, Thailand stands ready to work with all partners to reinforce space for water, recognizing that this integration is key to building a more resilient, inclusive, and sustainable future.

Thank you, Chair.