

60th Session of Scientific and Technical Subcommittee of COPUOS
Thailand's Statement on
Agenda item 12. Long-term sustainability of outer space activities
February 7th, 2023

Chair, Distinguished Delegates,

Thailand appreciates efforts from international colleagues working in the Working Group on the Long-term Sustainability of Outer Space Activities and delivering the Guidelines for LTS. We are also grateful to Mr. Umamaheswaran of India for his role as the chair of the working group.

Thailand is fully aware of the importance of the Working Group on the LTS. We are pleased to share our experience in the implementation of the guidelines hereinafter.

A. Policy and regulatory framework for space activities

- Thailand has ratified the Outer Space Treaty and the Rescue Agreement. Even we have not ratified the Registration Convention, the cabinet of Thailand passed the resolution on registration of objects launched into outer space.
- There are relevant space policies and legislation including
 - National Space Master Plan
 - The National Space Act
 - The notifications for supervision satellite communication business

B. Safety of space operations

- The cabinet of Thailand has designated the Geo-Informatics and Space Technology Development Agency (GISTDA) to be the focal point for the activities under COPOUS and gathering information related space objects in the country.
- Presently, Thailand has carried operation and research in the areas of satellite trajectories analysis, collision risk assessment, collision avoidance strategy and space weather. The National Space Data Center was initiated and has been expected to be fully functioned within the end this year, 2023.

C. International cooperation capacity building and awareness

- During 2021-2023, Thailand has been nominated to be the Chairman of Sub-Committee on Space Technology and Applications under Association of South East Asian Nations or SCOSA. It is a platform to create mutual programs in the areas of Space technology applications, and Satellites. The platform can be an effective network to promote Long-term sustainability of outer space activities among ASEAN countries

D. Scientific and technical research and development

- Standing at the beginning point of space exploration, Thailand has embraced the concept of sustainability into our space activities. The National research roadmap on Earth Space System (ESS) aims to response challenges from unstable Earth environment, such as climate change and disasters, including space impact on Earth, Deep Space Exploration and Space Utilization. These space missions will be conducted in the track of sustainability.

Chair, Distinguished delegates,

This statement reflects only some parts of Thailand's space activities in compliance with the guidelines for LTS. Thailand has joined the working group on LTS with the genuinely intention to shape our space activities to be more sustainable. We determined to be a part to nurture global space ecosystem that everyone can benefits, especially the next generation who may not able to speak out here but will be affected from our actions today. We truly concern about them. The sustainable environment of space and Earth are the precious common heritages that they deserve. Thailand hopes that more colleagues, in particular emerging space countries, can jointly share experiences and views on implementing the guidelines, to craft responsible behaviors serving preservation our valuable and irreplaceable Earth and space.

Thank you Mr. Chair.