

**STATEMENT ON AGENDA ITEM 11: SPACE AND CLIMATE CHANGE BY  
SINGAPORE AT THE 68TH SESSION OF THE COMMITTEE ON THE  
PEACEFUL USES OF OUTER SPACE VIENNA, AUSTRIA, 25 JUNE – 2 JULY  
2025**

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Chair,

1. Singapore is in Southeast Asia, a region which faces acute and growing threats from climate change. One of the pressing issues we face is the increasing unpredictability of weather patterns which negatively impacts food security, water quality, and disaster resilience. These challenges are complex and require solutions that are scalable, data driven, and collaborative.
2. To address these challenges, Singapore has turned to space-based technologies, particularly Earth Observation (EO). EO technologies offer a cost-effective way to monitor and manage resources and are increasingly recognised as a powerful tool to advance the Sustainable Development Goals.
3. The Office for Space Technology & Industry (OSTIn) therefore launched the Earth Observation Initiative (EOI) in February 2025 – Singapore's first collaborative platform dedicated to applying satellite technology to address pressing sustainability and humanitarian challenges in the Asia-Pacific region. The EOI supports the Space2030 Agenda, the SDGs, and is aligned with the important work of UNOOSA.
4. Singapore is uniquely placed to generate high-frequency, high-resolution data, capitalising on our near-equatorial Low Earth Orbit capabilities. The EOI uses satellite data to support carbon credit efforts and to monitor risks such as food security, water quality, natural disasters, and land use.

5. The EOI is a collaborative effort involving international and intergovernmental organisations, research institutions, and industry partners. Key partners such as UNOOSA, and the Mekong River Commission contribute regional insights and real-world use cases. Members like National University of Singapore's Centre for Remote Imaging, Sensing and Processing and Nanyang Technological University's Earth Observatory of Singapore bring EO expertise to innovate viable and scalable solutions.

6. Singapore also organised a side event titled "Unlocking Regional Potential through Earth Observation: A Workshop on the Earth Observation Initiative (EOI)" at COPUOS on Thursday 26th June. We were pleased that those who attended had the opportunity to see a technical demonstration of the platform, and we hope that it was educational.

Chair,

7. Singapore hopes to build a model for international and regional cooperation through the EOI—one that is collaborative, impact-driven, and adaptable in addressing present and future challenges. We are committed to harnessing space as a force for good in the global response to the world's most pressing sustainability and humanitarian challenges.

Thank you, Chair.

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