



**Committee on the Peaceful Uses of Outer Space
Scientific and Technical Subcommittee 62nd Session
February 3 – 14, 2025**

Japan Item 4 : “Space for sustainable development: technology and its applications, including the United Nations Programme on Space Applications.”

Chair, Distinguished Delegates,

On behalf of the Japanese delegation, I am pleased to present Japan’s contributions to the sustainability of life on earth through space technology and its applications.

Chair,

Since 2015, Japan has been collaborating with UNOOSA to promote the “KiboCUBE” programme, a capacity-building initiative for emerging spacefaring nations. This programme offers educational and research institutions in developing countries the opportunity to deploy CubeSats from the Japanese Experiment Module “Kibo” on the International Space Station. To date, CubeSats developed by teams from Kenya, Guatemala, Mauritius, Indonesia, and Moldova, have been successfully deployed through the KiboCUBE programme. The success of the program has propelled JAXA and UNOOSA to extend the KiboCUBE programme until 2030. We take this opportunity to congratulate the joint teams from Tanzania and Côte d'Ivoire, winners of the 8th round of the program.

To maximize KiboCube’s outcomes, Japan is promoting its use through an international educational outreach program called the “Kibo Robot Programming Challenge (Kibo-RPC),” run by JAXA and NASA, that caters to students in the Asia Pacific region. Participants of Kibo-RPC learn cutting-edge methodologies and hone their skills in STEM, teamwork, and creativity. In its 5th round last year, the Kibo RPC program saw the participation of 660 teams and about 2,800 participants from 35 countries, surpassing previous years and demonstrating that the time is ripe for innovation.

Chair,

Japan also contributes through the United Nations Programme on Space Applications. The Kyushu Institute of Technology (Kyutech), in cooperation with UNOOSA offers students from emerging space faring nations the opportunity to participate in the Post-Graduate Study on Nano-Satellite Technology (PNST) fellowship program. As part of the program, students take part in the development of a nano-satellite and utilize Kyutech's testing facilities. Kyutech provides hands-on training, equipping students to become competent space engineers capable of contributing to their national space programs upon returning home.

Chair,

For about 40 years, Japan has been developing and operating Earth observation satellites and promoting the use of satellite data to address global challenges, and help us achieve the sustainable development goals.

The land observing satellites developed by JAXA known as "ALOS" contributes to a various fields, including monitoring crustal deformation, disaster conditions, global environmental changes and oceans. In July 2004, ALOS-4 was successfully launched on the H3 Launch Vehicle. Compared to its predecessor known as ALOS-2, ALOS-4 achieves both high resolution and a broader observation swath aiding in monitoring disaster-hit areas, forests, and sea ice.

Japan also supports the calculation of indicators to measure progress in achieving the SDGs. For example, JAXA has provided the "Global Mangrove Map" in cooperation with many domestic and international partners, which was adopted by UNEP as official data and is available on their website for public use.

Japan annually hosts the Asia-Pacific Regional Space Agency Forum (APRSAF) annually with partners in the Asia-Pacific region. APRSAF serves as a regional networking and collaborative forum for space stakeholders including space agencies, governmental bodies, private companies, international organizations, universities, and research institutions. In November 2024, Japan and Australia successfully co-hosted the 30th annual meeting of APRSAF in Perth, with 560 participants from 36 countries. This year's APRSAF is taking place in the Philippines from 18 to 21 November.

Chair,

Japan is committed to continuously contributing to the sustainable space development and applications. We are determined to further our efforts to benefit all of humanity through our space activities.

Thank you for your attention.