CICTSTI-3 Item 4: Scaling up the use of space applications to deliver the Sustainable Development Goals

Country statement from Indonesia (LAPAN)

The use of space applications for the Sustainable Development Goals (SDGs) in Indonesia is mainly conducted through the collaboration between LAPAN and the SDG Centers. Currently, eleven SDG Centers are all managed by the universities. Three SDG Centers have signed formal Memorandum of Understanding with LAPAN while the rest has shown their high intention to do the same.

As the National Remote Sensing Data Bank, LAPAN provides government license multi-resolution remote sensing data for all government stakeholders/users. While with its National Earth Observation System, LAPAN conducts research and development with related Ministries/Agencies to result in methods and information of natural resources, disasters, climate change, and urban monitoring.

SDG#2 (Zero Hunger), SDG#6 (Clean Water and Sanitation), SDG#11 (Sustainable Cities and Communities), SDG#13 (Climate Action), SDG#14 (Life Below Water), and SDG#15 (Life on Land) have become the focused activities in LAPAN since 2019. We have identified and analyzed the major role of the space-based geospatial information to fill in the ground-based statistical data.

Sharing knowledge and experiences on the operational tools and innovative space-based applications with the Asia-Pacific member States would scale up the use of space applications to convey the SDGs in Indonesia.

Indonesia supports the implementation of Asia Pacific Plan of Action on Space Applications for Sustainable Development (2018-2030) and will host the 4th Ministerial Conference on Space Applications for Sustainable Development in Asia and the Pacific in Indonesia in 2022.