



Statement of APSCO Delegation

Committee on the Peaceful Uses of Outer Space, Sixty-eighth session

Vienna, 25 June–2 July 2025

M-Building, M-Plenary room

Vienna International Centre, Vienna, Austria

Agenda Item 11. Space and Climate Change

Honorable Chair, Distinguished Delegates,

It is my privilege to make this statement on behalf of the Asia-Pacific Space Cooperation Organization (APSCO), regarding the Agenda Item 11. Space and Climate Change

Mr. Chair, Distinguished Delegates,

APSCO basic activities and projects have been contributing greatly to help its Member States in understanding and utilizing space-based tools to deal with climate change issues. APSCO has initiated various activities to support the monitoring and mitigation for climate change. These include two major areas:

First is establishing collaboration platforms, to share knowledge and provide capacity building opportunities, such as organizing specific topic-based training, providing earth observation satellite data and establish facilities in the member states to connect with each other and share their experiences.

Second is specific joint research projects which have been initiated to support Member States for using space application to contribute to Climate Change Mitigation & Adaptation. These include:

- Evaluation of Different Remote Sensing Techniques for Drought Study
- Air Pollution Assessment using Satellite Data: A Case Study of Greater Bangkok
- Spectral Characterization of Forest Cover for the Evaluation of Amazonian Ecosystems

APSCO, Item 11

- Drought Assessment and Forecasting for Smallholder Farmers' Adaptation to Climate Change in the Northern-Northeastern Thailand
- Understanding the Spatial-Temporal Distribution of Aerosol Components in the Asian-Pacific Region Using Satellite Remote Sensing Technology
- Determining Effects and Driving Factors of Climate Change on the Agricultural Region in Mongolia Using Remote Sensing Project

Besides, more than 10 training courses, attended by more than 430 experts and participants related to Climate Change Mitigation & Adaptation have been organized in the past years.

Mr. Chair, Distinguished Delegates,

APSCO remains open to join hands with international space community in promoting and developing space-based tools for helping APSCO Member States, and the region in supporting space-based tools and data to deal with climate change issues.

I thank you all for your attention.

Jiang Hui (Ms.)

Secretary-General

Asia-Pacific Space Cooperation Organization (APSCO)