



ASEAN SCOSA
Subcommittee on Space Technology and
Applications

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Chairman





The Association of Southeast Asian Nations, or ASEAN, was established on 8 August 1967 in Bangkok, Thailand, with the signing of the ASEAN Declaration (Bangkok Declaration) by the Founding Fathers of ASEAN, namely Indonesia, Malaysia, Philippines, Singapore and Thailand.

Brunei Darussalam then joined on 7 January 1984, Viet Nam on 28 July 1995, Lao PDR and Myanmar on 23 July 1997, and Cambodia on 30 April 1999, making up what is today the ten Member States of ASEAN.

ASEAN Committee on Science and Technology (ASEAN COST)

Sub-Committees of ASEAN COST

- SCOSA – Space Technology and Applications
- SCIRD – Infrastructure and Resource Development
- SCB – Biotechnology
- SCFST – Food Science and Technology
- SCMIT – Microelectronics and Information Technology
- SCMSAT – Marine Science and Technology
- SCANCER – Non-conventional Energy and Research
- SCMG – Meteorology and Geophysics

SCOSA

- In 1993, ASEAN Expert Group on Remote Sensing (AEGRS) was formed under the SCIRD
- AEGRS was upgraded to Subcommittee on Space Technology and Applications (SCOSA) in 1997
- The main objective of SCOSA is:
 - To formulate the framework for enhancing collaboration in space technology and its applications and to implement programmes and projects towards operationalizations of these technologies for sustainable development in the ASEAN region.

- SCOSA meeting was held at least once a year.
 - The last SCOSA-29 meeting was held in Singapore April 2018.
- SCOSA Chairmanship is rotated every 3 years.
 - Current Chair will be Singapore, from December 2017



SCOSA 29 meeting in Singapore

Some SCOSA Projects...

Intra-ASEAN Projects

- ASEAN Workshop on Ground Station Experts Exchange
 - 1st workshop hosted by Indonesia in 2012
 - 2nd workshop hosted by Thailand in 2013
 - 3rd workshop hosted by Vietnam in 2014
 - 4th workshop hosted by Singapore in 2016
 - 5th workshop hosted by Philippines in 2017
 - 6th workshop to be hosted by Malaysia in 2018 (together with ACRS 2018)

Intra-ASEAN Projects

- LiDAR Technology Workshop
 - Philippines in June 2017
- UAV Data Processing Technology Workshop
 - Thailand in August 2017
- The use of geospatial information on Statistic Data Workshop
 - Laos in June 2018

Intra-ASEAN Projects

- ASEAN Regional Training Centre for Space Technology and Applications
 - Hosted by GISTDA, Thailand, located in Space Krenovation Park (SKP), Si Racha

ASEAN-India Project

- ASEAN-India Space Cooperation Programme
 - To promote cooperation in the field of space science and technology between ASEAN and India.
 - To establish a Tracking and Data Reception Station and Data Processing Facility for ASEAN
 - To provide remote sensing data from the existing and future remote sensing satellites of ISRO.
 - To set up an Institutional Mechanism for the training of ASEAN Personnel in the skills and knowledge in Space Science & Technology.
- Status:
 - Training of ASEAN Personnel started.
 - Ground Station in Ho Chih Min City discussion between India and Vietnam is on-going

ASEAN-China

- ASEAN-China Remote Sensing Satellite Data Sharing Service Platform
 - To provide remote sensing application capabilities based on Chinese remote sensing satellite.
 - To share the achievement of science and technology development between China and ASEAN.
 - To enhance science, technology and innovation cooperation between China and ASEAN.
- Status – CBERS-04 receiving facilities established in Singapore in June 2015.
- Other participating members received data terminal to access the CBERS-04 data.

ASEAN-Japan

- Capacity Building in Fire Hot Spots and Transboundary Smoke Haze Monitoring using Next-Generation Space-based Observations for the ASEAN Region (Delayed)
- Science based information sharing for agriculture management in the ASEAN Region (Endorsed by ASEAN, awaiting Japan approval)

Astronomy

- SCOSA and SAAN (Southeast Asia Astronomy Network) agreed to collaborate
- Astronomy activities being planned

Thank You!