



ASEAN SCOSA

Subcommittee on Space Technology and Applications

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Vice-Chair



24TH
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ASIA-PACIFIC REGIONAL
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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-28 meeting was held in Brunei Darussalam in May 2017.
 - SCOSA-29 meeting will be held in Singapore.
- SCOSA Chairmanship is rotated every 3 years.
 - Current Chair is Philippines, from 2014-2017
 - Next Chair will be Singapore, from December 2017



SCOSA 27 meeting in Siem Reap

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 to be hosted by Philippines in 2017

Intra-ASEAN Projects

- LiDAR Technology Workshop
 - 1st Workshop in Philippines in June 2017
- UAV Data Processing Technology Workshop
 - To be organised by Thailand

Intra-ASEAN Projects

- ASEAN Regional Training Centre for Space Technology and Applications
 - Hosted by GISTDA, Thailand, located in Space Krenovation Park (SKP), Si Racha
 - EXCOM is in the process of being formed

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
- Status
 - SCOSA agreed to proceed with Project
 - Indonesia has request more time to consult with other related agency

Astronomy

- SCOSA and SAAN (Southeast Asia Astronomy Network) agree to collaborate
- The Terms of Reference has been proposed and awaiting finalisation by SCOSA members

Thank You!