

# APRSAF-26

UNCOPUOS / STSC

February 10, 2020

26<sup>TH</sup> APRSAF  
The 26th Session of the Asia-Pacific Regional Space Agency Forum  
Advancing Diverse Links Toward a New Space Era  
November 2019

*“Advancing Diverse Links  
Toward a New Space Era”*



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# Evolving Space Activities in Asia-Pacific Region





SPACETIDE



ADB ASIAN DEVELOPMENT BANK



JAXA  
Japan Aerospace  
Exploration Agency



# Space Industry Forum



## Dialogue with Young Generation





**Creation of Space Policy Community  
in Asia-Pacific Region**



# APRSAF Nagoya Vision

- (1) Promoting solutions for a broad range of social issues on the ground
- (2) Enhancing human resources development, capacity building and science-technology capability
- (3) Advancing capabilities in policy implementation on common issues in the region
- (4) Encouraging participation by new players in our region and advance diverse linkages



# SAFE Evolution



Rice Crop Monitoring Project

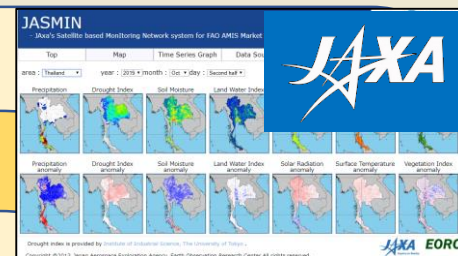
Space based technology for food security

Agromet Project

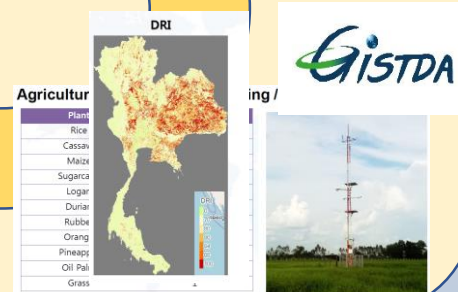
from bi-lateral to **multi-lateral** cooperation

**Evolution**

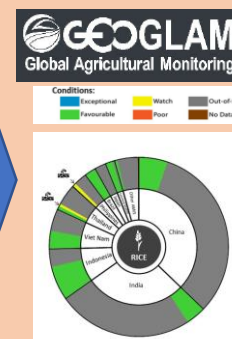
from technical demonstration to **operational** solutions



**Agromet data & info provision**



**Information and Knowledge sharing**





# ASEAN-JJ Network for Utilization of Space Technology (ASEAN-JJ NeST)



**Annual Meeting**

**Seminar for Space Technology**

**Short-term Trainings**

**150ppl / 5 years**

**Alumni Network**

**Scholarship Programme**

**20ppl / 5 years**

# Kibo-Robot Programming Challenge (Kibo-RPC)

- Educational programming competition by using real robots (JAXA's **Int-Ball** and NASA's **Astrobee**) onboard ISS.
- Competitors can access **Portal Site** to create their programs.

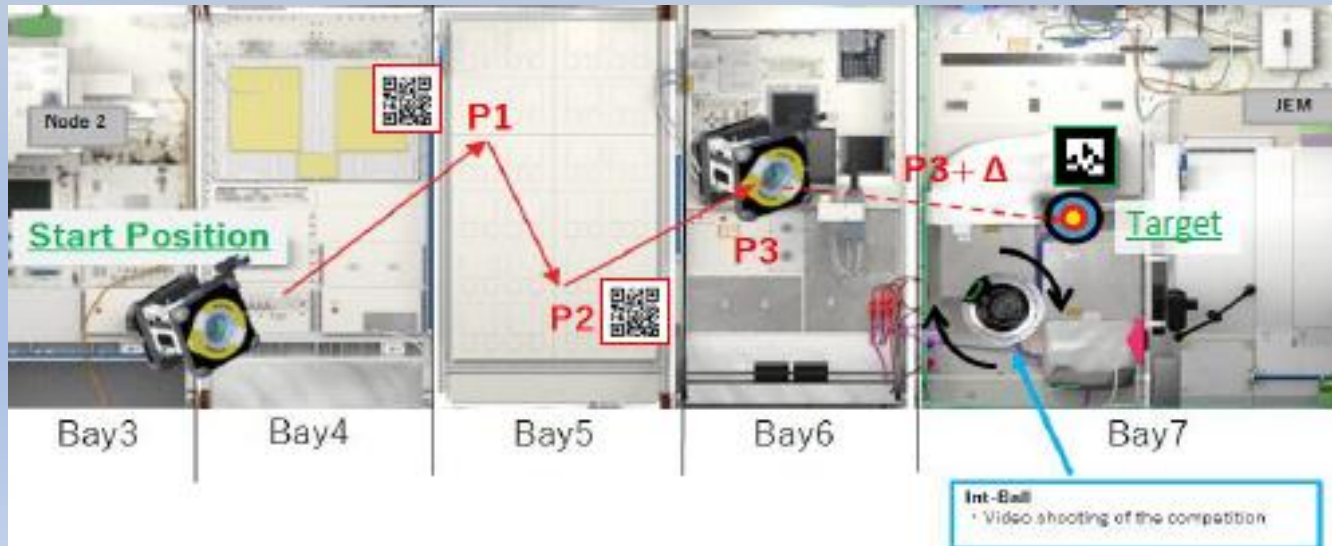


*Int-Ball (JAXA)*

*Astrobee (NASA)*

## Save ISS with Robots!!!

Emergency alert is activated!!  
A meteor crashed to the International Space Station (ISS) and the air is leaking somewhere in the ISS.  
Create your own program to operate the Astrobee / Int-Ball and stop the air leakage in the ISS.  
Get your program uplinked immediately!



- Preliminary Round :  
April to June 2020  
in each country
- Final Round :  
September 2020

# National Space Legislation Initiative

*“Study Group” of space law & policy practitioners of Asia-Pacific countries.*



*Two years initiative to develop a report on the status of national space legislation of Asia-Pacific countries*

*It will be submitted to UNCOPUOS/ISSG(2021)*

- 1. Information sharing and mutual learning on the practices**
- 2. Capacity enhancement to draft and implement national space legislation & policies**



**1<sup>st</sup> “Study Group” meeting  
March 28, 2020 @ Vienna**

# APRSAF-27 (2020) in Vietnam



# APRSAF-28 (2021) in Indonesia

