

# Summary of APRSAF-13

Bambang Tejasukmana,  
LAPAN, Indonesia

The thirteenth Session of the Asia-Pacific Regional Space Agency Forum (APRSAF-13) was convened under the main theme entitled :

"Work Together, Building a Secure and Prosperous Society"

with the aim to bring together participating agencies from the region to join hands and cooperate in the use of space activities for the common cause.



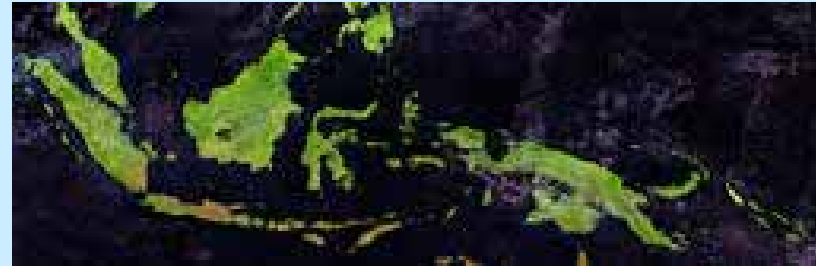
APRSAF-13 gathered more than

- 150 participants from about
- 55 entities in 18 countries and from
- 8 international organizations.

It was agreed that APRSAF-14 would be held in Bangalore, India and co-hosted by Indian Space Research Organization (ISRO) in autumn 2007.

## 1. Date and Place

Between 5<sup>th</sup> (Tue) and 7<sup>th</sup> (Thu), December 2006  
at the 2<sup>nd</sup> BPPT Building, Jl. Thamrin, Jakarta,  
Indonesia



## 2. Attendees

About 150 participants from 18 countries and 8 international organizations from Australia, Bangladesh, Cambodia, China, India, Indonesia, Japan, Republic of Korea, LaoPDR, Malaysia, Mongolia, Myanmar, Nepal, Philippines, Singapore, Sri Lanka, Thailand, Vietnam, Asian Institute of Technology (AIT), Asia-Pacific Multilateral Cooperation in Space Technology and Applications (AP-MCSTA), ASEAN Secretariat, International Centre for Integrated Mountain Development (ICIMOD), Mekong River Communication (MRC), United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), United Nations Educational, Scientific and Cultural Organization (UNESCO), and United Nations Office for Outer Space Affairs (UNOOSA)



3.

### Organizers

Ministry of Research and Technology  
Indonesia (RISTEK)

Indonesian National Institute of  
Aeronautics and Space (LAPAN)

Ministry of Education, Culture, Sports,  
Science and Technology (MEXT)

Japan Aerospace Exploration Agency  
(JAXA)

4.

### General Co-chairpersons

Mr. Bambang Tejasukmana, Deputy  
Chairman for Remote Sensing Affairs,  
(LAPAN)

Dr. Hiroki Matsuo

Vice Chairman, Commissioner, Space  
Activities Commission (SAC)

Ministry of Education, Culture, Sports,  
Science and Technology (MEXT), Japan

5.

### Theme

"Work Together, Building a Secure and  
Prosperous Society"



## 6. Program

December 5: Plenary Session (Opening Address, Welcome Remarks, Keynote-speech, Summary of APRSAF-13, and Country Reports)

Status Report of Sentinel Asia Project and Review to make it better  
Space Education and Awareness Working Group Session (in paralell)

December 6: Working Group Sessions (Earth Observation, Communication Satellite Applications, Space Education and Awareness, ISS utilization)

December 7: Closing Session (Report by WGs, adoption of Recommendations announcement of APRSAF-14 and Closing Remarks)  
Technical Tour (Bogor Botanical Garden / Palace)



## 7. Results of APRSAF-13

In the morning of the third day, four summary reports from four working groups were presented at the closing plenary session. As the result of the discussion based upon the working group summary reports, and through discussions among the participants, APRSAF-13 adopted the recommendations, which we should implement towards the APRSAF-14.

## 8. Related Event

During the APRSAF-13 The Space Education and Awareness Working Group organized:

- Poster Contest
- 2<sup>nd</sup> International Water Rocket Event from 7<sup>th</sup> to 9<sup>th</sup> December 2006
- Space Education Seminar from 11<sup>th</sup> to 12<sup>th</sup> December 2006




# Recommendations APRSAF-13

- *Recognizing* the importance of working together to address issues of common concern in the region toward building a secure and prosperous society through the use of space technology and its applications,
- *Recognizing* the need to make further efforts to enhance disaster management by using space technologies and ensuring the progressive development of the Sentinel Asia project, particularly in view of the tragic losses and damages caused by recent disasters,

## The participants of APRSAF-13 adopted the following recommendations:

1. The Joint Project Team shall strengthen the Sentinel Asia activities and improve the operability of the existing systems, taking into account the needs such as to enlarge the scope of the project to cover various types of disasters, to increase the number of Earth observation satellites involved and to implement dedicated training programs, expressed by the participants of APRSAF-13.
2. Earth Observation Working Group shall study the feasibility to establish a similar project in the environment field, based on the experience of Sentinel Asia project.
3. Communication Satellite Applications Working Group shall share the information relating to digital divide in Asia Pacific region, recognize the role of satellite communications and navigation, and identify solutions for the region.
4. Communication Satellite Applications Working Group shall consider applying the Wideband InterNetworking engineering test and Demonstration Satellite (WINDS) experiment program to study: i) the technical issues of Ka-band satellite communications, satellite IP network, broadband communications; ii) the application of WINDS to Sentinel Asia project, and iii) post WINDS program with cooperation of Asian countries.

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5. International Space Station (ISS) Working Group shall accelerate the joint research coordination and start the feasibility studies for ISS/Japanese Experiment Module (JEM) utilization, and promote human resources development to realize the international cooperation among the Asia-Pacific countries.
  6. Space Education and Awareness Working Group shall promote space education activities at all levels, such as the Water Rocket Event, Poster Contest, Space Education Forums and Seminars as well as CanSat activities, within the framework of APRSAF, and APRSAF shall encourage collaborations among Working Groups of APRSAF by creating synergies among their efforts toward the enhancement of space education in the region.
  7. Entities participating in APRSAF shall explore possible funding sources for the successful implementation of the recommendations.