

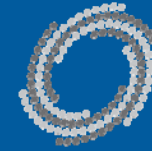
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Summary of APRSAF-16

**26-29 January 2010,
Bangkok, Thailand**

Anond Snidvongs

**Acting Executive Director
Geo-Informatics and Space Technology
Development Agency, Thailand**



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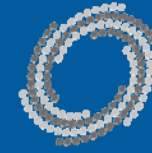
Overview of APRSAF-16

Venue: Sofitel Centara Grand Hotel, Bangkok, Thailand

Date: 26 – 29 January 2010

**Theme: “Space Applications: Contributions towards
Human Safety and Security”**





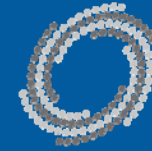
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Overview of APRSAF-16

Jointly organized by:

- Ministry of Science and Technology (MOST), Thailand
- Geo-Informatics and Space Technology Development Agency (GISTDA), Thailand
- Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan
- Japan Aerospace Exploration Agency (JAXA), Japan





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Opening Ceremony

28 January 2010

Honorably opened by

H.E. Dr. Khunying Kalaya Sophonpanich
Minister of Science and Technology,
Thailand

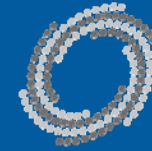


Dr. Tetsuhiko Ikegami
Chairman, Space Activities Commission
Ministry of Education, Culture, Sports,
Science and Technology, JAPAN



Participation

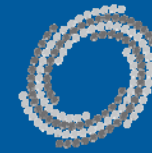
- 310 Individuals
- 27 Countries
- 10 International Organizations
- 44 Organizations from Thailand



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APRSF-16



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Working Groups (26-27 Jan 2010)

- Earth Observation (EO)
- Space Education and Awareness (SEA)
- Space Environment Utilization (SEU)
- Communication Satellite Application (CSA)



SEU



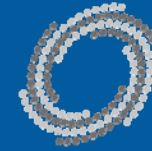
SEA



EO



CSA

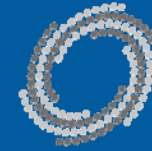


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Working Group - EO

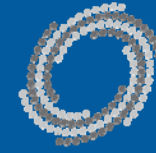
- Report from SAFE: progress of projects and approval of new proposals
- Report from 9 countries:
Bangladesh, India, Indonesia, Kazakhstan, Korea, Mongolia, Nepal, Singapore, and Sri Lanka
- Report from 3 international organizations:
FAO, UNESCAP, UNSGAB





Working Group – EO (Cont'd)

- **Report from Sentinel Asia: status of working groups for wild fire, flood, and glacial lake outburst flood**
- **Introducing Communication and Information Systems to the Control Avian Influenza (CISCAI)**
- **Presentation from Private Sector**
- **Encourage SAFE prototype activities to expand their scopes and applications as well as making bridges to practical uses**
- **Encourage private sector participation to implement space applications to support climate change adaptation and mitigation, as well as disaster monitoring and mitigation in Asia Pacific countries**

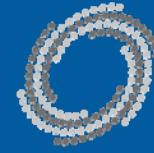


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Working Group - SEA

- Report from 9 countries:
**Australia, Bangladesh, Indonesia,
Japan, Nepal, Philippines, Sri Lanka,
Thailand, Vietnam**
- Report from 2 international organizations:
UNESCO, SGAC
- Report of SEA WG activities : water rocket, poster contest,
space education seminar
- Recommended for joint initiatives to promote space
education for students at all levels, teachers and young
professionals





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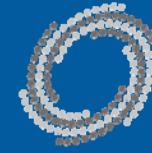
Working Group – SEA (cont'd)



Poster Contest



Water Rocket Competition

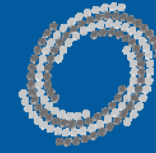


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Working Group - SEU

- Report from 6 countries:
Canada, Indonesia, Japan, Korea, Malaysia, Thailand
- Experience sharing by a Japanese astronaut
- Recommended to expand activities to utilize “KIBO” for education and outreach to public and further promote bilateral cooperation activities among APRSAF participating countries

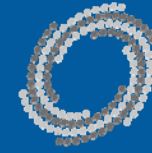




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Working Group - CSA

- **Report from 5 countries:
Indonesia, Korea, Lao PDR, Mongolia, Thailand**
- **Report from Global Navigation Satellite System (GNSS)
Regional Workshop**
- **WINDS satellite and experiment results**



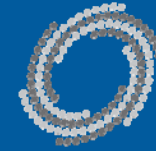
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Plenary Session (28-29 Jan 2010)

- Report from 9 countries
- Report from 4 WGs, STAR Program , Sentinel Asia, SAFE
- Special Speeches
- Recommendations



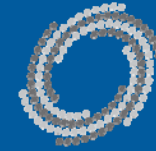
Recommendations



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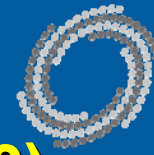
- Recognize that participating countries need space applications to cope with climate change and impact, and encourage SAFE prototype to expand scope and applications
- Encourage participation from private sector in space application implementation
- Continue development of communication satellite application regarding tele-education, tele-medicine, disaster management and mitigation, and healthcare
- Promote cooperation such as WINDS experiment and new applications
- Encourage participating countries to support space education efforts

Recommendations



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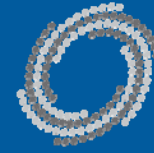
- Support school teachers by providing educational materials or training opportunities
- Expand space education activities in term of participation, fund, to activities that contribute to global initiatives undertaken by UN and other international entities
- Enhance opportunity of KIBO utilization in terms of education and outreach to public
- Encourage APRSAF member to dispatch staff to participate STAR program at JAXA Sagami-hara campus
- Enhance utilization of Sentinel Asia for disaster management



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Technical & Cultural Tour (29 Jan 2010)





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THANK YOU