U.S.-Japan Space Cooperation for More Secured Asia-Pacific Region - From Japanese Side -

Prof. HASHIMOTO, Yasuaki
The National Institute for Defense Studies
Japan

Views in this presentation is solely those of the presenter, and do not represent the views of any organizations.
1. Background: Japanese Space Policy

2. Unstable Factors in the Asia Pacific Region

3. Japan-US Space Cooperation

4. Possible Regional Space Cooperation
   From Japan to the Asia Pacific Countries
Background: Japanese Space Policy

Space Basic Law (2008): The First Basic Law for Space Utilization
★ For Well-Being of the Public, Development of Economy, World Peace and Welfare of Mankind (Art. 1)
★ Observing Pacifism of the Constitution and International Law (Art. 2)
★ Contributing to Safe Domestic Society, National Security and International Peace and Security (Art. 3)
★ Promotion of Industry (Art. 4), Contribution to Science & Academia (Art. 5)
★ International cooperation (Art. 6), Protection of Environment (Art. 7)

New Japanese Space Basic Guideline (2014)
★ Balance of Security and Civil Use
1. Natural Disasters
   - Typhoon, Heavy Rain, Flood
   - Earthquake, TSUNAMI
   - Volcanic Eruption

2. Concerns for the Whole Asia Pacific Region
   - Piracy (on High Seas, in Territorial Waters)
   - Drug Cultivation, Illegal Traffic
   - Proliferation of Weapons of Mass Destruction (WMD)
   - Environmental Pollution
     - Air Pollution (PM 2.5 ...)
     - Water Pollution (Rivers, Lakes, Ocean)
3. Unstable Outer Space
   - Space Debris
   - Anti Satellite Weapons

4. Longstanding Gray Area Situation
   - Not War, but not Stable
   - Territorial Claims
   - Military Actions in the Time of High Tension
   - WMD and its Technology Proliferation

5. Other Factors...

   Mutual Concerns not for all Asia Pacific Region, as well as for the Whole World in the Interdependent 21st Century
Regional Space Assets as Effective Tools

★ Watching Function
  Remote Sensing Satellite (Optical and SAR)
★ Informing Function
  Telecommunication Satellite
★ Finding Location Function
  GPS, GNSS, etc.

Merit: Continuity, No National Border
Background for Japan–US Cooperation

★ Mutual Understanding and Benefit
Democracy, Human Rights, Rule of Law,
Free Economy, Freedom of Information, etc.

★ Japan-US Security Treaty
Security Partnership for Decades, Joint Exercises, etc.

★ Japan-US 2+2 Meetings
Agreement for SSA, MDA, etc.
Surely Useful for Some Unstable Factors
Asia Pacific Countries at Present

★ Modernizing Society in ASEAN Countries and Others
  Democracy, Human Rights, Rule of Law,
  Free Economy, Freedom of Information, etc.
★ Big Population and Rapid Industrialization
  Becoming the World Engine in the 21st Century
★ Good Relationship with Japan and US
  ASEAN + 3 (Japan, Korea & China)
  ARF
  APEC
  ESCAP
  PBEC, etc.
Japan can make deeper relationship with them.
(Political, Economical, Tech & Science, Security, etc.)

☆ Through Multilateral Official Frameworks
(ASEAN+3, ARF, APEC, ESCAP, Pacific Islands Forum, ...)

☆ Through Multilateral Private Frameworks
(Pacific Basin Economic Council (PBEC), ...)

Space Infrastructure for Regional Comprehensive Stability Provided by Japan-US-Asia Pacific Triangle Cooperation

For Common Regional Benefit (Stable Asia Pacific)