“Japan’s Space Diplomacy and Regional Cooperation”

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1. Utilization of Outer Space

**Background:**

- Drastic change in Outer Space environment
  - Increasing space-utilizing actors and advancement of space technology
  - Increasing use of outer space for both civil and security applications

**Status:**

Increasing risks and vulnerability

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Japan’s Space Policy

The Basic Space Law (2008)

**KEY CONCEPT** Uses of outer space for security/civil/commercial purposes

**Three Pillars of National Space Strategy**

1. **Ensuring space security**
   - Ensuring stable use of outer space
   - Strengthening security capabilities utilizing space
   - Strengthening US-Japan alliance through space cooperation

2. **Promoting use of space in civil area**
   - Utilization of space for tackling global challenges and realization of safe and affluent society
   - Creation of new industries related to space

3. **Maintaining and strengthening industrial and Science & Tech basis**
   - Maintaining and strengthening space industrial basis
   - Maintaining and strengthening science and technology basis which contributes to realizing outcomes

Space Activities act. (2016)  
2. Japan’s efforts on Space Diplomacy

- International rule-making process
  - The “Rule of Law” in Outer Space
  - Contribution to discussions in UNCOPUOS

- Promote International Cooperation

Ensure safety, security and sustainability of Outer Space activities
**International rule-making process**

Guidelines for the Long-term Sustainability of Outer Space Activities

**Purpose:**
- Ensuring and enhancing the long-term sustainability of Outer Space activities

**Status:**
- Eight years work of discussion deepened our awareness and understandings
- Member states are encouraged to follow the 21 guidelines, which consensus was reached.
Promote International Cooperation

Dialogues and consultations

- Enhancing international cooperation and dialogues through bilateral and multilateral fora
  - The 2\textsuperscript{nd} International Space Exploration Forum (ISEF2)
    (March, 2018)
  - Continue to support and engage in APRSAF
Promote International Cooperation
Contributions to combat global challenges

- Contribution to combat global challenge utilizing Japan’s technologies
  - Application of QZSS in Thailand
  - “Outline of Basic Objectives for Capacity Building with regards to Developing Countries in the Space Field” announced in December 2016
Promote International Cooperation
/Capacity Building
through activities and projects in Outer Space

Earth Observation Satellites

ISS / “Kibo”

QZSS high accurate positioning

Capacity building and human resource development

Establishment of Space-related Systems
Thank you