

ADB



**APRSAF**

ASIA-PACIFIC REGIONAL  
SPACE AGENCY FORUM

Panel Discussion :  
"The Role of Space Technology  
in Addressing Climate Change"

# **Asian Development Bank and Climate Change**

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# *Addressing Climate Change in Asia and the Pacific: Priorities for Action*

An ADB publication (April 2010) which identifies 5 core areas for action:

- Expanding the use of clean energy.
- Encouraging sustainable transport and urban development
- Managing land use and forests for carbon sequestration.
- Promoting climate-resilient development.
- Strengthening policies, governance, and capacity.

## *Three Modalities to Support ADB's Work*

- Mobilizing and innovating to meet financing needs – focus on private capital flows into low-carbon and climate-resilient investments.
- Generating and disseminating knowledge – prepare effective responses to mitigate the challenges of climate change
- Partnerships – work with all stakeholders to build capacity and maximize outreach on climate change objectives

## *ADB and JAXA Collaboration*

The collaboration (signed in July 2010) covers the use of space-based technologies for:

- **disaster management**
- **climate change mitigation and adaptation**
- **forest monitoring**
- **water resources management**

# Specific Areas of Collaboration between ADB and JAXA:

- Use of JAXA's Advance Land Observation Satellite (ALOS) system for generating poverty maps and infrastructure mapping
- Provision of technical assistance to ADB supported projects using Satellite-Based Technology (SBT), namely remote sensing
- Capacity development on the use of satellite data through trainings of persons from national institutions in Asia and the Pacific region
- Secondment of JAXA personnel at ADB Headquarters to support the collaboration and enhance knowledge of satellite imagery

# Thank You

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