

Satellite Technology for Mitigating Deforestation

6th December 2018 at Japan Pavilion

Overview:

This event will introduce national activities for tackling deforestation by using satellite technology and its capacity building activities carrying out by Japan International Cooperation Agency (JICA) and Japan Aerospace Exploration Agency (JAXA). The discussion will be expected to focus on how to better implement and improve the activities and services.

Vice-Chair of IPCC will introduce the world trends and expectations of utilizing satellite data for forest monitoring. JAXA will introduce Earth Observation satellites including JJ-FAST (JICA-JAXA Forest Early Warning System in the Tropics) and their capabilities to monitor deforestation. JICA will introduce various capacity building projects of forest management using satellite data. Some country case studies will be also presented current state of development on forest monitoring system and utilizing satellite data.

Following questions and answers with audience will be expected to collect any feedbacks and advices for improving satellite technologies and services in future.

Agenda

Moderator: Masatoshi Kamei, Remote Sensing Technology Center of Japan (RESTEC)

10:30 Opening Remarks

Kaoru Magosaki, Director of Climate Change Division, International Cooperation Bureau, Ministry of Foreign Affairs of Japan

10:35 Keynote Speech

“Global Warming of 1.5 degrees Celsius” - “Where we are” and “What we should do” to achieve the sustainable future

Thelma Krug, Vice-chair, IPCC

Session 1: Satellite Observation for Effective Forest Monitoring

10:45 GFOI Data Component – Satellite Data for Forestry

Frank-Martin Seifert, European Space Agency (ESA)

10:50 JICA’s Contribution to Sustainable Forest Management and Climate Change Countermeasures - Application of Satellite Remote Sensing Technology

Hiroshi Nakata, Senior Advisor, JICA

11:00 Earth Observation Satellites for Forest Monitoring
Osamu Ochiai, Associate Senior Engineer, JAXA

11:10 Discussion

Session 2: Country Use Cases

11:20 Country Use Case in Cambodia
Chivin LENG, Deputy Director of Department of Inspectorate and Law enforcement,
Cambodia's FRL/MRV Coordinator, General Directorate of Administration for
Nature Conservation and Protection, Ministry of Environment, Cambodia.

11:30 Country Use Case in Mozambique
Joaquim Macuacua, Head of Division of Mapping and Database Management,
Ministry of Land, Environment and Rural Development, Mozambique

11:40 Country Use Case in Peru
Takuya Itoh, JICA consultant for ProBosque in Peru

11:50 Discussion

12:00 Closing Remarks
Hitoshi Tsuruma, Manager for Satellite Applications, JAXA