



ALOS Kyoto & Carbon Initiative
Phase 3 Kick-off - Science Team meeting (KC#16)
JAXA TKSC (Tsukuba) / RESTEC HQ (Tokyo)

MONDAY October 17, 2011
JAXA TKSC - HQ building, meeting room b1/b2 (2nd floor)

9:35 Bus from Tsukuba station

9:40 Bus from Hotel Okura Frontier Ephocal to JAXA TKSC

10:00 Welcome (Masanobu Shimada, JAXA)

10:15 Background for new Science Team members

- The ALOS Kyoto & Carbon Initiative - Ake Rosenqvist, K&C coordinator
- The ALOS PALSAR mission (obituary) Masanobu Shimada, JAXA
- The PALSAR Systematic Observation Strategy - Ake Rosenqvist
- The ALOS-2 mission - system characteristics and development status - M. Shimada

11:30 Launching K&C Phase 3 - Ake Rosenqvist

12:00 – 13:00 LUNCH

13:00 - 15:00 Tour of JAXA Tsukuba Space Center - Visit to the satellite test facilities and view of the Global Change Observation Mission (GCOM) satellite

15:15 Science Team plans for Phase-3 (20+5 minutes)

- Australian R&D Support to Global Forest and AGB Mapping - **Richard Lucas (Aberystwyth Univ./Wales)**
- Mapping the Public Forests in Brazil - **Humberto de Mesquita Jr. (FSB/Brazil)**
- Mapping inundation with ALOS ScanSAR data - **Bruce Chapman (JPL/USA)**

~ 17:00 Bus from JAXA to Tsukuba station and Hotel Okura Epochal



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TUESDAY October 18, 2011
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9:35 Bus from Tsukuba station

9:40 Bus from Hotel Okura Frontier Ephocal to JAXA TKSC

10:00 Science Team plans for Phase-3 (20+5 minutes)

- Climate-relevant Modernization of the National Forest Policy and Piloting of REDD Measures in the Philippines - **Francisco Tavora (GIZ/Germany)**
- Measuring Effective Conservation in The Northern Andes and South Central America Conservation Program - **Jorge León Sarimento (TNC/Colombia)**
- Developing the best independent PALSAR based MRV system for REDD+ in Sumatra, Indonesia - **Yumiko Uryu (WWF-Indonesia)**
- Forest Resources Mapping and Monitoring in Kenya - **Kei Suzuki (JAFTA/Japan) for Kenya Forest Service**

12:15 – 13:30 LUNCH

13:30 PALSAR data distribution procedures

- Full resolution data through AUIG (A. Rosenqvist *for* Order Desk)
- EORC product transfer / FTP accounts (Takashi Ogawa, RESTEC)

14:30 Science Team plans for Phase-3 - R&D session (20+5 minutes)

- Forest Degradation and Change Monitoring in the Tropical Zone - **Yrjö Rauste (VTT/Finland)**
- Advances in forestry applications in Sweden using ALOS PALSAR imagery - **Johan Fransson (SLU/Sweden)**
- Combined Use of SAR, InSAR and Lidar for Measuring Forest Biomass and Structure in the Northeastern United States - **Bruce Chapman (JPL) for Paul Siqueira (Univ. Mass/USA)**
- ALOS-PALSAR & TanDEM-X for Forest Disturbance & Degradation Mapping - **Florian Kugler for Kostas Papathanassiou (DLR/Germany)**

16:15 Forest Theme issues - Open floor discussion (All)

~ 17:00 Bus from JAXA to Tsukuba station.
Joint transfer by train to Tokyo.



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WEDNESDAY October 19, 2011
RESTEC HQ/Kamiya-cho, Tokyo - Meeting room 1A/1B (2nd floor)

- 10:00 JAXA EORC global mosaic and forest mapping activities (Masanobu Shimada)**
- ALOS PALSAR and JERS-1 SAR 25m resolution global mosaics (technical specs, data formats etc.)
 - Global forest cover and biomass mapping effort - 2010 results

11:15 Forest Theme Project issues

12:00 – 13:30 LUNCH

- 14:00 Science Team plans for Phase-3 (20+5 minutes)**
- JAXA forest mapping activities in Indonesia - **Masanobu Shimada and EORC Team (JAXA)**

14:30 Individual agreement discussions JAXA-science team members

- 16:00 Science Team plans for Phase-3 (20+5 minutes)**
- Collaborative research for forest carbon tracking in Sumatra - **Orbita Roswintiarti (LAPAN/Indonesia)**
 - Wide area forest monitoring in Insular SE Asia and Guiana Shield - **Dirk Hoekman (Univ. Wageningen/The Netherlands)**
 - Aboveground Biomass and Carbon Stock Mapping and Changes Monitoring in the Forest of Peninsular Malaysia Using L-Band ALOS PALSAR and JERS-1 - **Khali Hamzah (FRIM/Malaysia)**

~ 17:30 Adjourn

18:00 – 20:00 Reception dinner (fee: 2000 yen per person)

Venue: Shuraku Shunsai no Ie

<http://r.gnavi.co.jp/p389600/lang/en/>



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THURSDAY, October 20, 2011
RESTEC HQ/Kamiya-cho, Tokyo - Meeting room 1A/1B (2nd floor)

10:00 Science Team plans for Phase-3 - Wetlands

- Wetlands in the Nile and Zambezi Basins - **Lisa Rebelo (IWMI/Ethiopia)**
- Application of PALSAR for regional assessments of forest disturbance, agriculture and wetland habitats - **William Salas (AGS/USA)**
- Mapping Global Wetlands and Boreal Freeze/Thaw with ALOS PALSAR - **Kyle McDonald (CCNY/USA)**
- The use of ALOS imagery to investigate the carbon dynamics of the Amazon river system - **Bruce Forsberg (INPA/Brazil)**

12:00 – 13:30 LUNCH

13:30 Science Team plans for Phase-3 - (20+5 minutes)

- Mangrove monitoring by ALOS PALSAR - **Richard Lucas (Aberystwyth Univ./Wales)**
- Mangrove extent, change and structure in Africa and the Americas - **Marc Simard (JPL/USA) for Lola Fatoyinbo (NASA-GSFC/USA)**
- Assessment of the USGS Global Mangrove dataset (**Richard Lucas**)

15:00 Wetland Theme Project issues

- Ground truth data sharing
- Methodology issues
- Ramsar Convention events
- Meeting Wrap-up & Action Items

~ 17:30 Adjourn



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FRIDAY, October 21, 2011
RESTEC HQ/Kamiya-cho, Tokyo - Seminar room (2F)

The K&C Global Mangrove Watch - the way forward
Special Work Session (open participation)

Time: 10:00-13:00

Objectives:

- Establishment of "K&C Global Mangrove Watch team"
 - Discussions on technical/practical issues
 - Development of a draft work plan

Participants: Interested K&C members and observers
wishing to contribute to the K&C Global Mangrove Watch effort

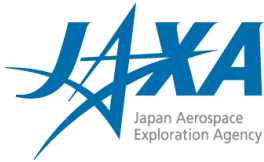


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List of Participants

International

Chapman	Bruce	Jet Propulsion Laboratory	U.S.A.
Fransson	Johan	Swedish Univ of Agricultural Sciences	Sweden
de Alban	José Don	Fauna and Flora International	The Philippines
de Mesquita	Humberto	Brazilian Forest Service	Brazil
Forsberg	Bruce	National Inst. for Amazonian Research	Brazil
Hamzah	Khali	Forest Research Institute Malaysia	Malaysia
Hoekman	Dirk	Wageningen University	The Netherlands
Kugler	Florian	DLR	Germany
Lucas	Richard	Aberystwyth University	Wales/U.K.
McDonald	Kyle	Jet propulsion Laboratory	U.S.A.
Paringit	Enrico	University of The Philippines, Diliman	The Philippines
Rauste	Yrjö	VTT	Finland
Rebello	Lisa	Int'l Water Management Inst.	Ethiopia
Roswintiarti	Orbita	National Inst. for Aeronatics and Space	Indonesia
Rosenqvist	Ake	soloEO	Japan
Scarth	Peter	University of Queensland	Australia
Salas	Bill	Applied Geosolutions	U.S.A.
Sarimento	Jorge León	The Nature Conservancy	Colombia
Simard	Marc	Jet Propulsion Laboratory	U.S.A.
Steuwe	Michael	WWF	U.S.A.
Suzuki	Kei	JAFTA	Japan
Tavora	Francisco	GIZ-Germany	Germany
Uraguchi	Aya	Conservation International	Japan
Uryu	Yumiko	WWF-Indonesia	Indonesia



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List of Participants

Internal

Shimada	Masanobu	JAXA EORC	Japan
Watanabe	Manabu	JAXA EORC	Japan
Shiraishi	Tomohiro	JAXA EORC	Japan
Motooka	Takeshi	JAXA EORC	Japan
Ohki	Masato	JAXA EORC	Japan
Miyagi	Yosuke	JAXA EORC	Japan
Kawano	Noriyuki	JAXA EORC	Japan
Takahashi	Masuo	JAXA EORC	Japan
Nojo	Yuka	JAXA EORC	Japan
Naito	Ichiro	JAXA EORC	Japan
Mukaida	Akira	RESTEC	Japan
Yamanokuchi	Tsutomu	RESTEC	Japan
Itoh	Takuya	RESTEC	Japan
Isoguchi	Osamu	RESTEC	Japan
Ogawa	Takashi	RESTEC	Japan
Ohtaki	Takahiro	RESTEC	Japan
Tsuzuku	Kaoru	RESTEC	Japan
Sekioka	Shinichi	RESTEC	Japan