



ALOS Kyoto & Carbon Initiative
17th Science Team meeting (KC#17)
RESTEC HQ (Kamiya-cho, Tokyo)

TUESDAY March 27, 2012
RESTEC HQ – Meeting room 1A/1B (2nd floor)

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

11:30 PALSAR data request and distribution procedures

- **Full resolution data through AUIG** – A. Rosenqvist *for* Order Desk`
- **PALSAR mosaics and path image request procedures and EORC product transfer procedures** – Takashi Ogawa, RESTEC

12:15 – 13:30 LUNCH

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

- Validation of JAXA's forest/non-forest and forest cover change maps from Amazonia and Cerrado – **Edson Sano (IBAMA/Brazil)**
- Forest Cover Change and Biomass Mapping in Vietnam and Cameroon – **Thuy Le Toan (CESBIO/France)**
- Quantifying forest degradation and associated drivers in the Congo Basin – **Aurelie Shapiro (WWF-Germany)**
- Forest Resource Inventory and Monitoring for REDD+ Project in Mozambique – **Pachis Mugas (NDLF/Mozambique)**

15:10 – 15:30 Coffee

- PALSAR Intensities and Coherence for Forest Cover and Change Mapping and Biomass Retrieval – **Huettich/Stelmaszczyk (FSU-Jena/Germany)**
- Combined Use of SAR, InSAR and Lidar for Measuring Forest Biomass and Structure in the Northeastern United States – **Paul Siqueira (Univ. Mass/USA)**

~ 17:00 Adjourn

17:30 Welcome Reception Restaurant Platinum Fish (<http://r.gnavi.co.jp/g733929/lang/en>)



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WEDNESDAY March 28, 2012
RESTEC HQ – Meeting room 1A/1B (2nd floor)

- 10:00 JAXA EORC global mosaic and forest mapping activities** (Masanobu Shimada)
- Global forest cover and biomass mapping effort and **JAXA forest mapping activities in Indonesia – M. Shimada and EORC Team**

10:30 Science Team plans for Phase-3 (20+5 minutes)

- Collaborative research for forest carbon tracking in Sumatra – **Musyarofah/Indriasari/Sambodo (LAPAN/Indonesia)**
- Land Cover Mapping of Sulawesi using ALOS PALSAR – **Darmawan Mulyanto (Bakosurtanal/Indonesia)**
- Application of ALOS PALSAR for Above Ground Biomass: Estimation in several types of wetland vegetation, dryland forest and plantation forest in Indonesia – **I Nengah Surati Jaya (Bogor Univ./Indonesia)**
- Data acquisition plan and status in Sumatra – **Manabu Watanabe (JAXA EORC)**

12:15 – 13:30 LUNCH

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

- Aboveground Biomass and Carbon Stock Mapping and Changes Monitoring in the Forest of Peninsular Malaysia Using L-Band ALOS PALSAR and JERS-1 – **Hamdan bin Omar (FRIM/Malaysia)**
- Climate-relevant Modernization of the National Forest Policy and Piloting of REDD Measures in the Philippines – **José Don Alban (FFI/Philippines)**
- Methodology Development for MRV and Reference Emission Levels for REDD+ in Vanuatu – **Francisco Tavora (GIZ/Philippines)**
- The ALOS PALSAR North America mosaic – **Bruce Chapman (JPL/USA)**

15:00 Forest Theme project issues – Ake Rosenqvist

15:30 ALOS-2 Session

- ALOS-2 - system characteristics and development status – M. Shimada
- ALOS-2 Systematic Observation Strategy: status and plans – Ake Rosenqvist
- Open floor discussions: Science Team feed-back

~ 17:00 Adjourn



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**THURSDAY, March 29, 2012
RESTEC HQ – Meeting room 1A/1B (2nd floor)**

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

- The K&C Wetland Theme and the Global Mangrove Watch initiative: background and objectives – **A. Rosenqvist**
- Mangrove extent, change and structure in Africa and the Americas – **Naiara Pinto (UMD/USA)**
- Brief introduction to CIFOR protocols for the measurement, monitoring and reporting of structure, biomass and carbon stocks in mangrove forests – **Lisa Rebelo (IWMI/Laos)**
- Mangrove Watch activities in the Philippines – **José Don Alban (FFI/Philippines)**
- K&C Global Mangrove Watch – **Richard Lucas, Ake Rosenqvist, Lisa Rebelo**

12:15 – 13:30 LUNCH

13:30 The K&C Global Mangrove Watch – Work session

- Summary of KC#16 discussions and outcomes
- Discussions on technical/practical issues
- Draft work plan
- Joint publications
- Planning for Ramsar Convention COP-11 events

15:00 Summary and conclusions

~ 15:00 Closing of the KC#17 Science Team meeting



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List of Participants

International

Hamdan	bin Omar	Forest Research Institute Malaysia	Malaysia
Bruce	Chapman	Jet Propulsion Laboratory/Caltech	USA
Mulyanto	Darmawan	Bakosurtanal	Indonesia
Jose Don	De Alban	Fauna & Flora International	Philippines
Christian	Huettich	Friedrich-Schiller-University Jena	Germany
Novie	Indriasari	LAPAN	Indonesia
I Nengah Surati	Jaya	Bogor Agricultural University	Indonesia
Thuy	Le Toan	CESBIO	France
Pachis	Mugas	National Directorate of Lands and Forests	Mozambique
	Musyarofah	LAPAN	Indonesia
Enrico	Paringit	University of the Philippines, Diliman	Philippines
Naiara	Pinto	Univ. Maryland	USA
Lisa	Rebelo	International Water Management Institute	Laos
Katmoko Ari	Sambodo	LAPAN	Indonesia
Edson	Sano	IBAMA	Brazil
Aurelie	Shapiro	WWF-Germany	Germany
Paul	Siqueira	University of Massachusetts	USA
Martyna	Stelmaszczuk	Friedrich-Schiller-University Jena	Germany
Kei	Suzuki	JAFTA	Japan
Francisco	Tavora	GIZ	Germany
Justin	Tilman	NASA Tokyo Office	USA



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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
Rajesh	Thapa	JAXA EORC	Japan
Tsuji	Masanobu	JAXA EORC	Japan
Takahashi	Masuo	JAXA EORC	Japan
Nojo	Yuka	JAXA EORC	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