

**ALOS**

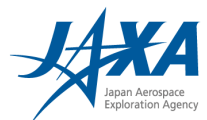
*K&C Initiative*  
*An international science collaboration led by JAXA*

# **ALOS Kyoto & Carbon Initiative Science Team meeting #13**

**Wetland Theme Days  
JAXA TKSC Jan 18-19, 2010**

**Main JAXA update and Forest Theme Days  
RESTEC HQ Jan 20-22, 2010**

Science Team meeting #13  
JAXA TKSC/RESTEC HQ, Tsukuba/Tokyo, January 18-22, 2010



**WEDNESDAY, January 20, 2010**

**RESTEC HQ/Roppongi, Tokyo – Meetingroom 1&2 (12<sup>th</sup> floor)**

- 10:00 Welcome** (Masanobu Shimada, JAXA)
- 10:10 K&C project issues** (Ake Rosenqvist)
- 10:30 PALSAR observation strategy update** (Fumi Ohgushi, RESTEC)
- 10:45 ALOS & PALSAR operation status** (M. Shimada, JAXA/D. Sango, RESTEC)
- 11:10 EORC data processing – status & capacity issues** (M. Shimada)
- 11:30 K&C data dissemination and user interface** (Akira Mukaida, RESTEC)

**11:45 K&C Mosaic status**

- JAXA (M. Shimada)
- JRC (Frank Degrandi – by Ake R.)
- JPL (Bruce Chapman)

**12:30 – 14:00 LUNCH**

**14:00 Mosaic Theme work session – Theme issues** (Lead: Bruce Chapman)

**15:00 Wetland Theme Days Summary** (Laura Hess)

**Forest Theme - Day 0.5**

**15:10 K&C intro to Forest Theme Days** (Ake Rosenqvist)

**15:15 Forest Theme Poster presentations, part 1 (10+5 minutes)**

- Richard Lucas (U. Aberystwyth)
- Niels Wielaard (SarVision)
- Christiane Schmuilius (FSU-Jena)
- Osamu Isoguchi (JAXA EORC)
- Nicolas Longépé (JAXA EORC)

**17:00 ALOS-2 mission status** (M. Shimada)

**~ 17:30 Adjourn**

**18:00 – 20:00 Joint dinner (3000 yen/person)**

“Shuraku Shunsai no Ie” restaurant (Kamiyacho, 10 mins walk from RESTEC)

**THURSDAY, January 21, 2010**

**RESTEC HQ/Roppongi, Tokyo – Meetingroom 1&2 (12<sup>th</sup> floor)**

**Forest Theme - Day 1**

**9:30 Poster presentations, part 2 (10+5 minutes)**

- Tony Milne (Horizon)
- Paul Siqueira (U. Massachusetts)
- Francesco Holecz (sarmap)
- Maurizio Santoro (Gamma RS)
- Thuy Le Toan (CESBIO)
- Shaun Quegan (U Sheffield)

**11:00 Coffee**

**11:15 Forest Theme work session 1 (Richard Lucas)**

- Theme issues, output coordination

**12:30 – 14:00 LUNCH**

**14:00 Forest Theme work session 2 (Richard Lucas)**

- Preparations for Day 2 reports and member contributions to 2010 booklet

**16:45 Coffee & ajourn**

**Evening Session on Forest Carbon Tracking (voluntary participation)**

**17:00 BIOMASS mission status** (Thuy Le Toan, CESBIO)

**17:20 Report from COP-15 and status of REDD** (Josef Kellndorfer, Woods Hole)

**17:40 GEO FCT present status** (Alex Held/Ake Rosenqvist)

**18:00 Open floor discussions/work session**

- K&C/FCT synergy
- 50m vs. 25m mosaics
- FCT Science and Data Summit research issues
- FCT Product Development team issues

**~20:00 Adjourn**

**FRIDAY, January 22, 2010**

**RESTEC HQ/Roppongi, Tokyo – Meetingroom 1&2 (12<sup>th</sup> floor)**

## **Forest Theme Day 2**

**9:30 Forest Theme work session 3: K&C booklet**

**10:45 Coffee**

**11:00 GEO FCT poster and GEO IWG discussion (Yoshiki Yamagata, NIES)**

**11:30 – 13:00 LUNCH**

**13:00 Member reports on deliverables and schedules (max 3 slides; 5+5 min)**

- Richard Lucas (U. Aberystwyth)
- Niels Welaard (SarVision)
- Christiane Schmullius (FSU-Jena)
- Paul Siqueira (U. Massachusetts)
- Maurizio Santoro (Gamma RS)
- Thuy Le Toan (CESBIO)

**14:00 Coffee**

**14:15 Submission of booklet contributions (All Science Team members)**

**14:45 ALOS-2 configuration options – open discussion (All)**

**15:15 K&C way forward – open floor discussions**

**16:00 Summary & Other issues (Ake Rosenqvist + All)**

## K&C booklet on significant scientific findings

- Fairly good response from Science Team last year
  - 24 contributions from 16 (out of 22) science team members
- All contributions available on the K&C Wiki  
<http://www.ies.aber.ac.uk/en/subsites/alos-kyoto-amp-carbon-initiative/kc-booklet-contributions>
- Publication delayed, but planned by JAXA within JFY-2009.
  - ➔ **KC#13 action:**
    - Finalise 2 contributions/member
      - UPDATE to one existing contribution
      - One NEW with Phase 2 results



## Focus of the meeting

Provide concrete evidence of progress both externally and internally to JAXA management (CRITICAL)

- Provide summary of Science Team output that are ready/in pipeline for delivery to JAXA
  - Products/deliverables and schedule for 2010
  - Finalise Phase-1 report compendium
  - Summary of Journal and conference publications (+PDFs)
  - Update on journal special issues (J-STARS + others)
  - K&C booklet contributions (One Update + One New)
  - Discussion: How to distribute/promote our results

## Forest Theme worksession

Provide concrete evidence of progress both externally and internally to JAXA management (CRITICAL)

- Provide summary of Science Team output that are ready/in pipeline for delivery to JAXA
  - Products/deliverables and schedule for 2010
    - Summary of Journal and conference publications (please provide PDF versions during KC#13)
  - K&C booklet contributions (One Update + One New)

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**IEEE Journal of Selected Topics  
in EO and RS (J-STARS)  
K&C Special Issue**



**Schedule**

Submission of Papers (extended): **Nov. 30, 2009**

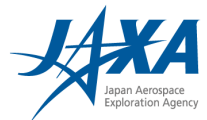
Review Results and Notification: **Jan 31, 2010**

Submission of Revised Papers: **April 30, 2010**

Final Acceptance of Papers: **June 30, 2010**

Publication of the Special Issue: **4<sup>th</sup> quarter of 2010**

Accepted papers will be published on the fly, and available on-line on [IEEE Xplore](#) also before publication of the printed issue.





The logo for the ALOS satellite mission, featuring the word "ALOS" in a large, white, serif font against a background of a satellite image showing a river delta and surrounding land.

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## 18 papers intended by science team - 9 papers submitted

Clear-cut detection in Swedish boreal forest using multi-temporal ALOS PALSAR backscatter data

**Maurizio Santoro Johan Fransson at al.**

PALSAR wide-area mapping methodology and map validation of Borneo

**Dirk Hoekman at al.**

Mapping Subsurface Geology in Sahara using L-band SAR: Potential for Detection of Water Resources

**Philippe Paillou at al.**

Generating Continent-scale High-quality SAR Mosaic Datasets: Application to PALSAR Data for Global Monitoring

**Masanobu Shimada at al.**

Eco-hydrological characterization of inland wetlands in Africa using long waveband SAR

**Lisa Rebelo at al.**

Using ALOS/PALSAR and RADARSAT-2 to Map Land Cover and Seasonal Inundation in the Pantanal

**Maycira Costa at al.**

An Evaluation of the ALOS PALSAR L-Band Backscatter – Above Ground Biomass Relationship over Queensland, Australia.

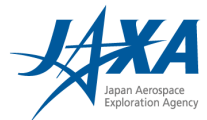
**Richard Lucas at al.**

ALOS PALSAR ScanSAR in support of the Brazilian Forest Monitoring Program

**Silvana Amaral at al.**

Application of ALOS/PALSAR Product FBD in support of the Brazilian Forest Monitoring Program

**Gildardo Arango (INPE) at al.**



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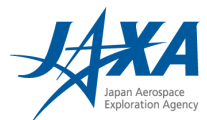


**IEEE Journal of Selected Topics  
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K&C Special Issue**



In all publications/reports/presentations where PALSAR data obtained through K&C have been used, please do not forget the standard K&C acknowledgement:

*“This work has been undertaken [in part] within the framework of the ALOS Kyoto & Carbon Initiative. ALOS PALSAR data have been provided by JAXA EORC.”*



# ALOS

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Keep an eye of project news on the [K&C Wiki Bulletin Board](#)

PRIFYSGOL  
**ABERYSTWYTH**  
UNIVERSITY

**IGES**

Institute of Geography & Earth Sciences

Home :: The ALOS Kyoto & Carbon Initiative

View Edit Track Access control

The Sub-site page has been updated.

**Latest News**

**ALOS** K&C Initiative  
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**K&C Bulletin Board**

**Science Team meeting KC#12**  
Final agenda uploaded  
[Updated 2009/06/15]

**IEEE J-STARS Special Issue**  
[updated 2009/06/05]

**Phase 1 reporting**  
View Science Team members' contributions  
K&C booklet  
Scientific Reports  
[updated 2009/04/14]

**3rd ALOS PI Symposium**  
Hawaii, 9-13 September, 2009  
[Updated 2009/06/15]

**Standard acknowledgement for K&C publications**  
[updated 2009/01/16]

**PALSAR Systematic Observation Strategy and RSP maps**  
[updated 2009/02/10]

For non-registered users:  
User ID & Password  
**ALOS-KC**

