

**Tuesday February 5, 2019**

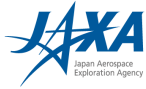
*ALOS Kyoto & Carbon Initiative  
25th Science Team meeting  
RESTEC HQ, Kamiyacho, Tokyo*

**Session 1: JAXA updates**

#	Item	Presenter(s)	Duration	Start	End
1	Welcome	Takeo Tadono, Masato Hayashi, JAXA EORC	15	10:00	10:15
2	K&C Update	Ake Rosenqvist, soloEO	20	10:15	10:35
3	PALSAR-2 operational status	Shin-ichi Sobue, JAXA	20	10:35	10:55
	Coffee		20	10:55	11:15
4	PALSAR-2 processing and data provision	Takashi Ogawa, RESTEC	10	11:15	11:25
5	EORC Forest/Non-Forest maps generation	Masato Hayashi, JAXA EORC	10	11:25	11:35
6	ALOS-2 BOS update	Ake Rosenqvist	20	11:35	11:55
	Q&A	All	25	11:55	12:20
	Lunch		70	12:20	13:30

**Session 2: Phase 4 Final Results - Glaciers & Wetlands**

7	Ice Sheet monitoring by ALOS-2	Berndt Scheuchl, UC Irvine	20	13:30	13:50
8	Wetlands mapping of the Nile and Zambezi basins	Lisa Rebelo, IWMI	20	13:55	14:15
9	The Global Mangrove Watch	Pete Bunting, Aberystwyth Univ	20	14:20	14:40
10	Mapping Wetlands, Surface Structural Attributes, and Boreal Freeze/Thaw at Regional Scales with JAXA SAR data	Kyle McDonald, CUNY	20	14:45	15:05
	Coffee		20	15:10	15:30
11	Asia-RiCE	Toshio Okumura, RESTEC	20	15:30	15:50
12	Validation of inundation extent and C and L-band sensitivity to inundation	Bruce Chapman, JPL	20	15:50	16:10
13	Estimation of Methane Emissions from Rice Paddies in the Mekong Delta Based on Land Surface Dynamics Characterization with Remote Sensing	Hironori Arai, University of Tokyo	20	16:15	16:35
	Open floor discussions	All	20	16:40	17:00
	Adjourn			17:00	

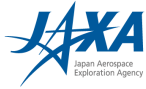


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**Session 3: Phase 4 Final Results - Forest**

#	Item	Presenter(s)	Duration	Start	End
1	PALSAR-1/2 Data for Vegetation Cover and Biomass Mapping in Various Climates	Michail Urbazaev, FSU Jena	20	10:00	10:20
2	Coupling radar-based estimates of forest information with biosphere models for improved carbon flux estimation	Maurizio Santoro, Gamma RS	20	10:25	10:45
3	Forest Mapping in North Sumatra	Rahmat Arief, LAPAN	20	10:50	11:10
<b>Coffee</b>			20	11:15	11:35
4	PALSAR-1/2 Data for Vegetation Cover and Biomass Mapping in Various Climates	João Carreira, U. Sheffield	20	11:40	12:00
5	EORC research results	Masato Hayashi, JAXA EORC	20	12:05	12:25
6	CCI Biomass	Maurizio Santoro, Gamma RS	20	12:30	12:50
<b>Lunch</b>			70	12:50	14:00
<b>Session 4: Related Missions</b>					
7	ALOS-4	Takeshi Motohka, JAXA	20	14:00	14:20
8	ALOS-3	Takeo Tadono, JAXA EORC	20	14:25	14:45
9	BIOMASS	João Carreira, U. Sheffield	20	14:50	15:10
10	NISAR Overview	J. Kellendorfer (NISAR Science Team)	20	15:15	15:35
11	NISAR CalVal	B. Chapman (NISAR Science Team)	20	15:40	16:00
<b>Coffee</b>			15	16:05	16:20
12	MOLI	Rei Mitsuhashi, JAXA	20	16:20	16:40
13	GEDI	John Armston, UMD (by Ake)	10	16:40	16:50
14	NovaSAR	Ake Rosenqvist (soloEO)	15	16:50	17:05
15	SAOCOM	Ake Rosenqvist (soloEO)	15	17:05	17:20
	Open floor discussions	All	20	17:20	17:40
	Adjourn & Joint walk to restaurant			17:40	
<b>Dinner reception</b>			120	18:00	20:00
				Restaurant Kanazawa no Ie ( <a href="https://r.gnavi.co.jp/p389600/">https://r.gnavi.co.jp/p389600/</a> )	



**Thursday February 7, 2019**

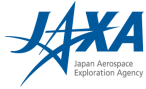
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**Session 5: Phase 4 Final Results - Forest (cont'd)**

#	Item	Presenter(s)	Duration	Start	End
1	Improvement of deforestation detection algorithm using in JJ-FAST	Manabu Watanabe, TDU	25	10:00	10:25
2	Mapping the spatial-temporal heterogeneity of tropical forests by ALOS-2 Big Data analysis	Christian Koyama, TDU	25	10:30	10:55
3	Time series analysis of SAR an optical data for forest monitoring	Josef Kellndorfer, Earth Big Data	40	11:00	11:40
<b>Coffee</b>			20	11:40	12:00
4	Wide area forest monitoring and biomass stratification in Insular SE Asia and Guiana Shield	Dirk Hoekman, Wageningen U.	35	12:00	12:35
5	Retrieval of forest biomass and biomass change with spaceborne SAR	Johan Fransson, SLU	20	12:35	12:55
<b>Lunch</b>			75	13:00	14:15

**Session 6: Phase 4 Final Results - Forest (cont'd)**

6	Utilising L-Band SAR Data for Natural Resource Management in the Philippines	Trix Estomata, GIZ	20	14:15	14:35
7	Forest Structure to Map of Forest Types with ALOS-PALSAR	Humberto Mesquita, BFS	20	14:40	15:00
8	Detection of Biomass and Structural Change using Japanese L-band SAR, Australia	John Armston, UMD (by Pete Bunting)	20	15:05	15:25
<b>Coffee</b>			15	15:30	15:45
9	Use of short-period ALOS-2 observations for vegetation characterization and classification	Paul Siqueira, UMass (by Bruce Chapman)	20	15:45	16:05
10	Forest Biomass map in Colombia	Pedro Rodriguez, U. Leicester	20	16:10	16:30
11	Relationship between SAR backscatter and optical intensity	Masanobu Shimada, TDU	20	16:35	16:55
12	National Forest Monitoring System For REDD+ in Mozambique	Joaquim Macuacua, Nat. Dir. Forestry	20	17:00	17:20
	Open floor discussions	All	20	17:25	17:45
	Adjourn			17:50	



**Friday February 8, 2019**

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**Session 7: Post K&C activities**

#	Item	Presenter(s)	Duration	Start	End
JAXA	EORC Research Announcement and plans for Post-K&C	Takeo Tadono, JAXA	20	10:00	10:20
	Post-KC: Project introductions (5 minutes/1 slide)	1. Shaun Quegan (by Joao Carreira) 2. Maurizio Santoro 3. Johan Fransson 4. Josef Kelldorfer 5. Humberto de Mesquita 6. Bruce Chapman 7. Paul Siqueira (by Bruce Chapman) 8. Berndt Scheuchl	40	10:25	11:05
	<b>Coffee</b>		20	11:10	11:30
	Post-KC: Project introductions (5 minutes/1 slide)	9. Dirk Hoekman 10. Rahmat Arief 11. Pete Bunting 12. Lisa-Maria Rebel 13. Christiane Schmuilius (by Misha Urbazaev) 14. Kyle McDonald	30	11:30	12:00
	Open floor discussions	All	45	12:05	12:50
	Summary	Ake	20	12:55	13:15
	End of meeting			13:15	

**External participant list**

First Name	Family Name	Affiliation	Country
Rahmat	Arief	LAPAN	Indonesia
Peter	Bunting	Aberystwyth University	U.K.
João	Carreira	University of Sheffield	U.K.
Bruce	Chapman	California Inst. of Technology/JPL	USA
Humberto	de Mesquita	Brazilian Forest Service	Brazil
Haris Suka	Dyatmika	LAPAN	Indonesia
Trix	Estomata	GIZ	Philippines
Johan	Fransson	Univ. of Agricultural Sciences	Sweden
Dirk	Hoekman	Wageningen University	Netherlands
Josef	Kellendorfer	Woods Hole Research Center	USA
Joaquim	Macuacua	Nat. Dir. Forestry	Mozambique
Kyle	McDonald	City College of New York	USA
Lisa	Rebello	International Water Management Institute	Laos
Pedro	Rodriguez	University of Leicester	U.K.
Maurizio	Santoro	Gamma Remote Sensing	Switzerland
Bernd	Scheuchl	University of California, Irvine	USA
Michail	Urbazaev	Friedrich-Schiller-University Jena	Germany

**Internal participant list**

First Name	Family Name	Affiliation	Country
Ake	Rosenqvist	solo Earth Observation (soloEO)	Japan
Masanobu	Shimada	Tokyo Denki Univ. / JAXA EORC	Japan
Takeshi	Motohka	JAXA ALOS-4	Japan
Shin-ichi	Sobue	JAXA ALOS-2	Japan
Takeo	Tadono	JAXA EORC	Japan
Masato	Hayashi	JAXA EORC	Japan
Tomohiro	Watanabe	JAXA EORC	Japan
Izumi	Nagatani	JAXA EORC	Japan
Kei	Oyoshi	JAXA EORC	Japan
Masato	Ohki	JAXA EORC	Japan
Takahiro	Abe	JAXA EORC	Japan
Yukiko	Yaguchi	JAXA EORC	Japan
Rei	Mitsuhashi	JAXA EORC	Japan
Manabu	Watanabe	Tokyo Denki Univ.	Japan
Christian	Koyama	Tokyo Denki Univ.	Japan
Hironori	Arai	The University of Tokyo	Japan
Tsutomu	Yamanokuchi	RESTEC	Japan
Toshio	Okumura	RESTEC	Japan
Takashi	Ogawa	RESTEC	Japan
Risako	Dan	RESTEC	Japan
Atsushi	Sugano	RESTEC	Japan
Toshimi	Nakata	RESTEC	Japan