

Open floor discussions

Topics

- Extension and mid-term reporting
- Reporting for projects ending this JFY
- Provision of ground truth data to JAXA
- DLR provision of TerraSAR data to K&C team – interest?
- POL Super Sites – further interest from team?
- Remote Sensing special issue
 - Extension of submission deadline? (end of June?)
 - Head count
- Special issue of Wetlands journal
 - Journal TBD
 - Submission deadline? (end of Dec?)
 - Head count
- Request to JAXA to continue generate ScanSAR mosaics until end of 2018 (Dec?)

TanDEM-X data to K&C Science Team

DLR (Kostas): is there still interest in TDX data acquired over K&C sites (time-series since 2012) ?

Yes – from several members.

There is also interest in requesting new TDX data over new sites in 2018, if possible. Check with DRL.

#	Name	Country	lat	long	Type	PI
1	Siepe	Costa Rica	8.8786	-83.5861	Mangrove	Lucas/Simard
2	Cienega Grande de Santa Marta	Colombia	10.7141	-74.4173	Mangrove	Lucas/Simard
3	Kakadu National Park, NT	Australia	-12.2165	132.2524	Mangrove	Lucas
4	Matang, Perak	Malaysia	4.7175	100.6250	Mangrove	Rosenqvist
5	Southwest Kalimantan	Indonesia	-1.8200	111.6100	Forest	Hoekman
6	Sungai Wain, East Kalimantan	Indonesia	-1.0833	116.8333	Forest	Hoekman
7	Harapan, Sumatra	Indonesia	-2.2000	103.3800	Forest	Hoekman
8	Brown River, Kokoda	Papua New Guinea	-9.5000	147.5000	Forest	Milne
9	Howland Forest, Maine	USA	45.2039	-68.7397	Forest	Kellndorfer
10	Xingu Basin	Brazil	-13.0224	-52.3790	Forest	Kellndorfer
11	Mathinna, Tasmania	Australia	-41.3866	147.7654	Forest	Milne
12	Takone, Tasmania	Australia	-41.1915	145.6048	Forest	Milne
13	Warra, Tasmania	Australia	-43.1093	146.9017	Forest	Milne
14	Rimba Raya - North (REDD+ project)	Indonesia	-2.8500	112.2250	Peat	Rosenqvist
15	Riau/Sumatra - north site	Indonesia	1.1600	101.9200	Peat swamp	Orbita/LAPAN
16	Riau/Sumatra - south site	Indonesia	-0.0500	102.6500	Peat swamp	Orbita/LAPAN
17	South Leyte Island	The Philippines	10.4520	124.9230	Forest	Tavora/De Alban
18	Gen. Nakar, Quezon	The Philippines	14.9500	121.3500	Forest	Tavora/De Alban
19	Central Siberia	Russia	57.2000	93.8000	Forest	U. Jena

K&C Special Issue of *Remote Sensing*

- *Submission deadline: request to shift to June 30 2018*
- *Request waiver of submission fee for 3-4 papers*

#	Name	Title	Ready	Notes
1	Joao	Contribution of full-pol ALOS-2 PALSAR-2 data to retrieve above-ground biomass of tropical secondary forests	June 30	
2	Ake, Lisa, Richard, Masanobu	The K&C Initiative - A Review	June 30	
3	Thuy	Forest Cover Change and Biomass Mapping using PALSAR 1& 2 data	June 30	
4	Hamdan	Time Series Analysis Of Aboveground Biomass In The Dipterocarps Forest Of Malaysia Using PALSAR and PALSAR-2 Polarimetric Data OR Stand Age And Biophysical Characterization Of Mangrove Forest Using Multi-Temporal PALSAR and PALSAR-2 Polarimetric Data	June 30	
5	Trixie	Forest Cover and Change Classification using ALOS PALSAR Mosaic Data and Decision Tree Classifiers	June 30	Free paper requirement
6	FSU	Assessment of the mapping of forest structural parameters in temperate and tropical forests of Mexico using time-series of ALOS-2 PALSAR-2 backscatter	June 30	
7	Santoro & Fransson	Biomass estimates in boreal and tropical forest using multi-temporal L-band backscatter observations	June 30	
8	M.Hayashi, T.Motohka, and Y.Sawada	Forest biomass mapping using ALOS-2/PALSAR-2 time-series data in Borneo		
9	Hironori Arai (IIS the University of Tokyo)	Land surface dynamics characterization with ALOS-2/PALSAR-2 for the regional estimation of methane emission from rice paddy fields in the Mekong Delta		
10	Pete, Ake, Richard	Some GMW paper	June 30	
11	Kyle et al			
12	Paul S			
13	John Armston			
14	Itoh-san			
15	Thiago			Free paper requirement

K&C Special Issue of *Wetlands journal*

Journal still TBD. Needs to be journal without fee for authors

#	Name	Title	Ready	Notes
1	Ake, Pete, Richard	Global Mangrove Watch related		
2	Lisa			
3	Bruce			
4	Kyle			
5	Thiago			
6	Joaquim Macuacua			
7	Carlos Pedraza	Wetland extent dynamics on the Magdalena Floodplains	Nov/Dec 2018	
8				
9				

PALSAR-2 Super Sites

4 KC members have submitted requests for POL Super Sites

- Bruce/Paul (NISAR), Christian (FSU), Kyle (CUNY), Bill/Nathan (AGS)

Polarimetric Super Sites		Asc/Desc	2018																											
Area No	Full-Pol Super Sites		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec					
			91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116		
KC-1	Thai Binh, Vietnam	Desc	X	FP	FP	X	FP	FP	X	FP	FP	X	FP	FP	X	FP	X	FP	FP	X	FP	FP	X	O	O	X	O	O		
KC-2	Arkansas, USA	Desc	O	O	O	O	O	O	O	O	O	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP	O	O	O	O	O	O	O		
KC-3	Stordalen, Sweden	Desc	O	O	O	O	O	O	O	O	FP	O	FP	O	FP	O	FP	O	FP	O	FP	O	O	O	O	O	O	O		
KC-4	Skukuza, South Africa	Desc	O	O	X	O	O	X	O	O	X	O	FP	X	FP	X	FP	FP	X	FP	FP	X	FP	FP	X	O	O	X		
KC-5	Kiuc, Mexico	Desc	X	FP	FP	X	FP	FP	X	FP	FP	X	FP	FP	X	O	X	O	O	X	O	O	X	O	O	X	O	O		
KC-6	Kedah-Perak, Malaysia	Desc	O	O	X	O	O	X	O	CP	X	CP	FP	X	CP	X	CP	FP	X	CP	FP	X	O	O	X	O	O	X		
KC-7	Negro-Solimoes, Brazil	Asc	O	O	FP	CP	X	X	X	CP	X	X	X	CP	X	X	X	CP	FP	CP	O	CP	X	X	X	O	O	O		
KC-8	Pacaya Samaria Reserve, Peru	Desc	O	O	X	FP	O	X	FP	O	X	FP	O	X	FP	X	FP	O	X	FP	O	X	FP	O	X	O	O	X		
KC-9	Ontario, Canada	Desc	O	O	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	O	O	O	O	O		
KC-10	Alberta, Canada	Desc	O	O	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	X	X	O	X	O		
KC-11	CB Arctic Watershed, Canada	Desc	O	O	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	O	FP	O	O	O	O	O	O		
60	Alaska	Desc	O	O	X	O	O	X	O	O	X	O	O	X	O	X	O	O	X	O	O	X	O	X	X	X	X	X		

FP Full Pol

CP Compact Pol

O Cycle open

X Conflict with BOS

PALSAR-2 Super Sites

SUGGESTIONS for Thematic Super Sites (transects)

•Biomass

- French Guiana (tropical wet, littoral environment (degradation and mangroves) (Thuy)
- Gabon (Savannah & wet tropical transition). AfriSAR data available and NISAR and BIOMASS permanent plots. Passing over the Ogooue river. (Thuy)
- South Africa (KNP) (Arid and semi-arid savannah) (Renaud)
- Lam Dong, Vietnam (remnant primary forest) FBD (Thuy)
- Delta Junction, Alaska (Boreal site with dynamic land cover changes) OR Yellow Knife, Canada. (Bruce)
- Howland, Maine (biomass plots, temperate forest) (Bruce)
- Injune, Australia (John)

•Degradation (Forest remaining Forest)

- Rondonia, BR (selective logging) (Joao)
- Pacific NW (Josef)

PALSAR-2 Super Sites

SUGGESTIONS for Thematic Super Sites (transects)

- Deforestation (Forest → other land cover)

- Peru Pacaya Samaria

- Inundation

- Mississippi delta, Everglades (Bruce, Kyle)
 - Yukon flats (boreal wetland) (Kyle)
 - Congo basin (peat biomass), Sudd (Lisa)
 - Pantanal, Central Amazon basin, Peru Pacaya Samaria

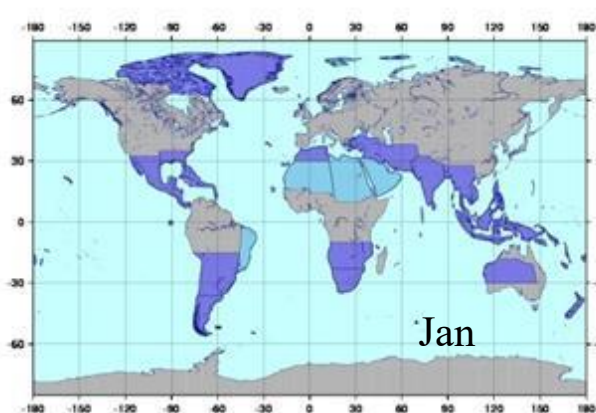
- Glaciers

- Antarctica & Greenland

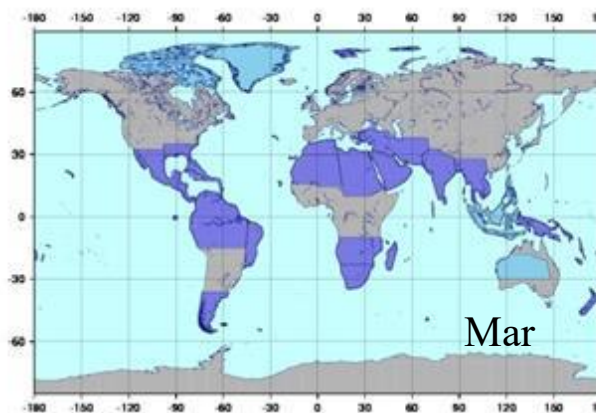
Global land areas – baseline mapping

【Cycle 99-131: 2018/4/23-2019/7/28】

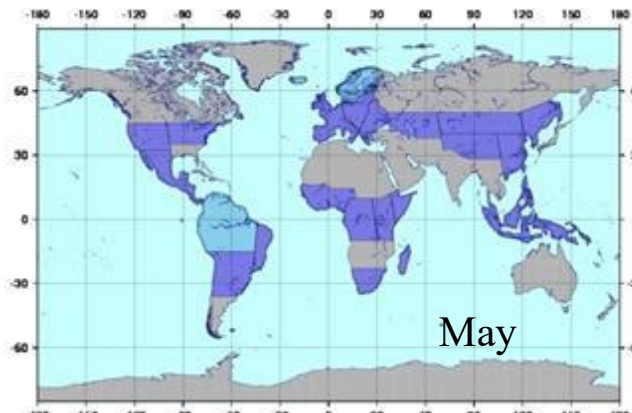
■ High Priority
■ Low Priority



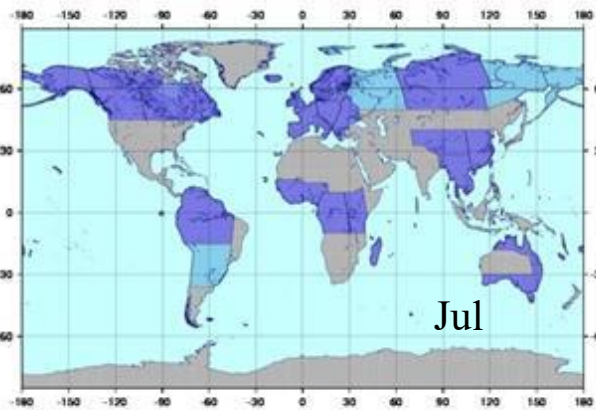
WorldA



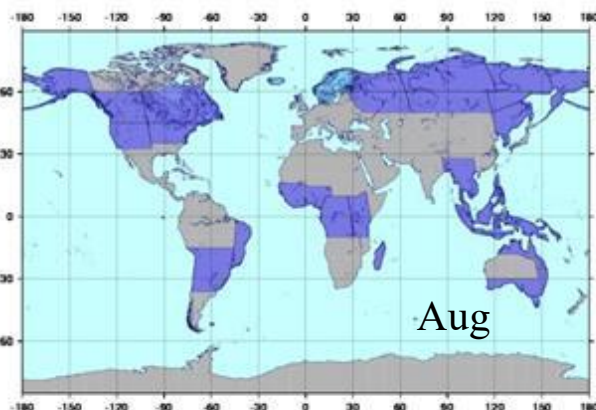
WorldB



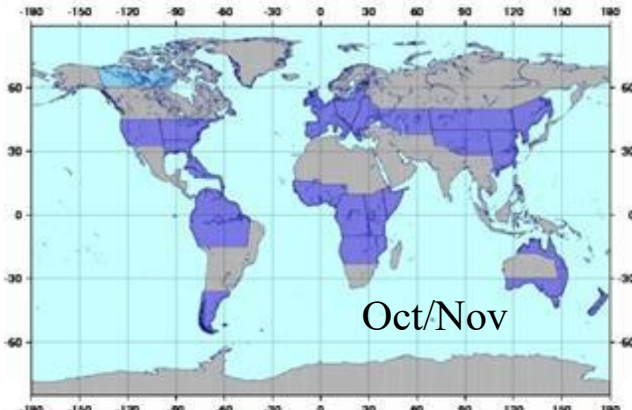
WorldC



WorldD



WorldE



WorldF