Thursday November 9, 2023

27th K&C Science Team meeting (PKC#2)
In conjunction with Joint PI Meeting for JAXA EO Missions
TKP Shimbashi Conference Center, Room: Hall 14D
Uchisaiwaicho 1-3-1, Chiyoda-ku, Tokyo

K&C Session 1: JAXA updates & Forest 1

#	Item	Presenter(s)
1-00	Welcome	Takeo Tadono, JAXA EORC
1-01	K&C Update, ALOS-4 polarimetric observation plans for K&C	Ake Rosenqvist, soloEO
1-02	EORC global mosaic processing/re-processing and data distribution	Kazufumi Kobayashi, RESTEC
1-03	ALOS-2 long-term pantropical forest monitoring mission	Christian Koyama, JAXA EORC
1-04	Decadal forest biomass change with ALOS-2 and ALOS-4 L-band SAR observations	Maurizio Santoro, Gamma RS
1-05	Detection of illegal mining in Brazilian Amazon using SAR and Machine Learning approaches.	Rodrigo Souza, IBAMA
1-06	Combined use of ALOS-3 and ALOS-4 data sets for monitoring expansion in the Brazilian Cerrado and in the Amazon/Cerrado ecotone	Edson Sano, EMBRAPA
1-07	Development of AI besed forest change area detection in Brazil	Masanobu Shimada, TDU
	Q&A/Open floor discussions	All

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K&C Session 2: Wetlands & Glaciers

#	Item	Presenter(s)
2-01	Joint polarimetric/time series analysis of inundation dynamics	Bruce Chapman, PL
2-02	SAR data applications for tropical peatlands monitoring activities in Indonesia	Dandy Novresiandi, BRIN
2-03	Tropical forest biomass and peat carbon dynamics	Dirk Hoekman, SarVision
2-04	The Global Mangrove Watch: Mapping Extent and Uncertainty	Lammert Hilarides, Wetlands Int'l
2-05	ALOS-2 ScanSAR Regional Flooding Extent and Duration	Ake Rosenqvist, JAXA/soloEO
2-06	InSAR based Ice Velocity and Grounding Line Measurements in Antarctica	Bernd Scheuchl, UC Irvine
	Q&A/Open floor discussions	All

K&C Session 3: Forest 2

#	Item	Presenter(s)
3-01	JAXA EORC plans for biomass mapping	Masato Hayashi, JAXA EORC
3-02	Assessing multi-sensor Earth observation time-series data for enhancing the credibility and integrity of nature-based climate solutions in Southeast Asia	Akash Verma, National Univ Singapore
3-03	Wildfire Predictive Services -- Fuel Type Layers	Ashlin Richardson, BC Wildfire Service
3-04	Retrieval of forest biomass and biomass change using ALOS, ALOS-2 and ALOS-4 L-band SAR data	Johan Fransson, LNU
3-05	Biomass estimation and change monitoring from multi-frequency SAR time-series	Markus Zehner, FSU-Jena
3-06	Q&A, Plans & Actions & Recommendations	All