JAXA joint workshop JFY 2022, GCOM-C session timetable

On-line session (the hour is shown by JST (UTC+9))

Nov. 2, 2022

Teams meeting link

Start	End	min	Session	PI No	Name	Affiliation	Research title
9:15	9:25	0:10			Hiroshi MURAKAMI	JAXA	Introduction
9:25	9:40	0:15	On-line session-1	ER3GCN312	Menghua Wang	NOAA/NESDIS/STAR	NOAA-JAXA Collaborations: Evaluation and Applications of SGLI/GCOM-C Ocean Color Products
9:40	9:55	0:15		ER3GCF102	Kenlo Nishida Nasahara	Tsukuba Univ.	Development of LAI/FAPAR product and global land cover maps
9:55	10:10	0:15		ER3GCF103	Hideki KOBAYASHI	JAMSTEC	Development of the voxel-based plant canopy radiative transfer and estimation and validation of large-scale ecosystem parameters fro
10:10	10:25	0:15		ER3GCF307	David Antoine	Curtin Univ.	Validation of GCOM-C/SGLI geophysical products over varied oceanographic regimes
10:25	10:40	0:15		RA3MAF007	Tomonori Isada	Hokkaido Univ.	Validation for ocean color products and development of marine spatial information using multiple satellite applications in the coastal w
10:40	15:00	4:20		Break			
15:00	15:15	0:15	On-line session-2	ER3GCF106	Masao MORIYAMA	Nagasaki Univ.	Development and improvement of GCOM-C/SGLI LST estimation algorithm, Development and improvement of GCOM-C/SGLI Shadow
15:15	15:30	0:15		ER3GCF109	Takayuki KANEKO *	Tokyo Univ. ERI	Advanced volcano observation using GCOM-C SGLI images: elucidation of the eruptive process and examinations towards operational u
15:30	15:45	0:15		ER3GCF309	Eko Siswanto (on-line)	JAMSTEC	GCOM-C SGLI-based near-real-time observing system for monitoring ocean color in Asian waters

On-site session (hybrid, but the presenter will be on-site) (the hour is shown by JST (UTC+9))

Nov. 7, 2022

Start	End	min	Session	PI No	Name	Affiliation	Research title
9:30	9:32	0:02			Yoshiaki HONDA	PI team leader	Opening
9:32	9:45	0:13			Hiroshi MURAKAMI	JAXA	GCOM-C science project status (incl. discussion items)
9:45	10:00	0:15	Atmosphere-1 (Chair Mirakami)	ER3GCF201	Takashi Nakajima	Tokai Univ.	Global observations of cloud from the GCOM-C SGLI for improving cloud sciences and contributing climate change studies, -Algorithm
10:00	10:15	0:15		ER3GCF202	Kentaroh Suzuki	Tokyo Univ. AORI	A study of cloud microphysical structures and processes with a combined use of GCOM-C/SGLI multi-wavelength measurements
10:15	10:30	0:15		ER3GCF203	Hironobu Iwabuchi	Tohoku Univ.	Development of an algorithm for three-dimensional cloud from multispectral and multidirectional measurement by SGLI and validation
10:30	10:45	0:15		ER3GCN204	Hiroshi Ishimoto	JMA MRI	Advanced volcanic ash algorithm using multiple satellites observation
10:45	11:00	0:15		Break			
11:00	11:15	0:15		ER3GCF205	Sonoyo Mukai	The Kyoto College of Graduate Studies fo	Elucidation of the characteristics of atmospheric particulates through the integrated use of "polarization and simultaneous multi-wavele
11:15	11:30	0:15		ER3GCF206	Miho Sekiguchi	Tokyo Univ. of Marine Science and Techn	Improvement of an advanced remote sensing algorithm for atmospheric aerosols using SGLI
11:30	11:45	0:15		ER3GCF207	Makoto KUJI	Nara Women's Univ.	Retrieval and validation of cloud geometrical properties
11:45	12:00	0:15		ER3GCF208	Hitoshi Irie	Chiba Univ.	Promotion of applied researches with GCOM-C atmosphere products by precise validation utilizing SKYNET and A-SKY international gro
12:00	12:15	0:15		ER3GCN209	Akihiro Yamazaki	JMA MRI	Acquisition of validation data by ground-based radiation observation and evaluation of GCOM-C atmospheric products
12:15	13:30	1:15		Break			
13:30	15:00	1:30	Atmosphere and Ocean	Poster day-1	1-01 Takashi Nakajima, 1-02 Kentaroh Suzuki, 1-03 Hironobu Iwabuchi, 1-04 Hiroshi Ishimoto, 1-05 Sonoyo Mukai, 1-06 Miho Sekiguchi, 1-07 Makoto KUJI, 1-08 Akihiro Yamazaki, 1-09 Kazuma Aoki, 1-10 Pradeep Khatri, 1-11 Jérôme RIEDI, 1-12 Hiroto Higa, 1-13 Joji Ishizaka, 1-14 Shintaro Takao, 1-15 Toru Hirawake, 1-16 Robert J. Frouin, 1-17 Lachlan McKinna, 1-18 Victor S. Kuwahara,		On-site posters of same slides of the oral presentation or additional researches for oral presenters on 7 Nov.
15:00	15:15	0:15	Atmosphere-2	ER3GCF210	Kazuma Aoki	Toyama Univ.	Aerosol optical properties of atmosphere and their effects of earth climate change
15:15	15:30	0:15		ER3GCF211	Pradeep Khatri	Tohoku Univ.	Quality assessment of cloud properties observed by SGLI/GCOM-C
15:30	15:45	0:15		ER3GCN213	Jérôme RIEDI	Université de Lille	Investigation of the cloud top thermodynamic phase from the synergistic use of polarimetric, multi-directional, and high temporal resol
15:45	16:00	0:15	Ocean-1	ER3GCF301	Hiroto Higa	Yokohama National Univ.	Development of high accuracy GCOM-C ocean color products and water quality data assimilation system for coastal areas and lakes
16:00	16:15	0:15		Break			
16:15	16:30	0:15		ER3GCF302	Takafumi Hirata	Hokkaido Univ.	Validating and updating SGLI ocean colour products for marine ecosystem applications
16:30	16:45	0:15		ER3GCF303	Joji Ishizaka	Nagoya Univ.	Validation of GCOM-C coastal products and the application
16:45	17:00	0:15		ER3GCF304	Shintaro Takao	NIES	Effects of phytoplankton community composition and new production on nitrogen and carbon dynamics: A GCOM-C/SGLI perspective
17:00	17:15	0:15		ER3GCF305	Toru Hirawake	NIPR	Practical use of the GCOM-C/SGLI 250 m resolution data in the Antarctic sea ice zone and its implication for estimations of phytoplankt
17:15	17:30	0:15		ER3GCF306	Robert J. Frouin	Scripps Institution of Oceanography	Estimating the fraction of PAR absorbed by live phytoplankton from SGLI data (A global time series of the fraction of photosynthetically
17:30	17:45	0:15		ER3GCN313	Lachlan McKinna	Go2Q Pty Ltd	Advanced NASA inherent optical properties algorithm support for SGLI

Nov. 8, 2022

Start	End	min		PI No	Name	Affiliation	Research title
9:30	9:45	0:15	Ocean-2	ER3GCF310	Joaquim I. Goes (on-line)	Columbia Univ.	(A) Sea Surface Nitrate and Nitrate Based New Production - two innovative research products from SGLI on board GCOM-C, and (B) Exp
9:45	10:00	0:15		RA3MAF009	Atsushi Matsuoka	Univ. New Hampshire	Decadal trends in organic carbon stocks in a changing Arctic Ocean: multi-sensor approach
10:00	10:15	0:15		ER3GCF308	Victor S. Kuwahara	Soka Univ.	Characterization and Application of GCOM-C Bio-optical Products in Oceanic, Coastal and Inland Waters
10:15	10:30	0:15		ER3GCF212	Hiroshi Kobayashi	Yamanashi Univ.	Validation of GCOM-C products related to marine aerosols by shipboard observation and development of mineral dust index
10:30	10:45	0:15		ER3GCF311	Fumihiro Takahashi	Green & Life Innovation, Inc	Application examination research on the use of GCOM-C data for predicting and preventing biofouling on fixed nets in coastal areas
10:45	11:00	0:15		RA3MAF006	Sei-Ichi Saitoh	Digital Hokkaido	Sustainable use of salmon resource under changing climate using multiple satellite datasets
11:00	12:15	1:15	Ocean, Land, and Cryos.	Poster day-2	2-01 Hiroshi Kobayashi, 2-02 Fumihiro Takahashi, 2-03 Teruo Aoki, 2-04 Knut Stamnes, 2-05 Masahiro Hori, 2-06 Victor S. Kuwahara, 2-07 Souichiro Hioki, 2-08 Tomoko Akitsu, 2-09 EORC, 2-10 EORC, 2-11 EORC, 2-12 EORC		On-site posters of same slides of the oral presentation or additional researches for oral presenters on 8-9 Nov.
12:15	13:15	1:00		Break			
13:15	13:30	0:15	Land	ER3GCF101	Yoshiaki HONDA	Chiba Univ.	Upgrading AGB estimation using BRDF based on SGLI observation data.
13:30	13:45	0:15		ER3GCF104	Tatsuro Nakaji	Hokkaido Univ.	Development of multiscale forest AGB validation sites equipping tree census and 3D forest volume data set
13:45	14:00	0:15		ER3GCF105	Wei Yang	Chiba Univ.	Generation of global land surface phenology and carbon flux products using GCOM-C/SGLI data
14:00	14:15	0:15		ER3GCF107	Noriko SOYAMA	Tenri Univ.	Development of global land cover classification algorithms and validation methods
14:15	14:30	0:15		ER3GCF108	Masahiro Tasumi	Miyazaki Univ.	Development of GCOM-C Global ETindex Estimation Algorithm
14:30	14:45	0:15		ER3GCN110	Masataka TAKAGI	Kochi Univ. of Technology	Improvement of Mapping Tender Green and Autumn Color using GCOM-C
14:45	15:00	0:15		Break			
15:00	18:00	3:00	All	Plenary Session I			Session about science progress

Nov. 9, 2022

Start	End	min		PI No	Name	Affiliation	Research title
9:30	9:45	0:15	Cryosphere	ER3GCF402	Knut Stamnes	Stevens Institute of Technology	GCOM-C/SGLI snow/ice products: Improvements and continued validation with post-launch data
9:45	10:00	0:15		ER3GCF403	Masahiro Hori	Toyama Univ.	Development of an advanced method for monitoring the Arctic environments using GCOM-C/SGLI and the in-situ data collection and t
10:00	11:45	1:45	All	Group discussion			TBD
11:45	12:45	1:00		Break			
12:45	13:00	0:15	Multidisciplinary Application Session	RA3MAF003	Keiya Yumimoto	Kyusyu Univ.	Development of aerosol assimilation and forecasting system with data from multiple space-borne observation platforms
13:00	13:15	0:15		RA3MAF005	Daisuke Goto	NIES	Research on air pollution prediction by assimilating aerosol products retrieved from satellites
13:15	13:30	0:15		RA3MAF001	Takemasa Miyoshi	RIKEN	Advances and applications of satellite data assimilation of clouds, precipitation, and the ocean
13:30	13:45	0:15			Yasutaka Ikuta	JMA-MRI	Assimilation of cloud and precipitation for km-scale numerical weather prediction model
13:45	14:00	0:15			Kei Yoshimura (invited)	The Univ. of Tokyo	TBD
14:00	14:15	0:15			Yoshihiro Iijima	Mie Univ.	North-eastern Eurasia Precipitation variation and Terrestrial water cycle UNited satellites Experiment (NEPTUNE-III)
14:15	14:30	0:15		RA3MAF010	Naohiko Hirasawa	NIPR	The current state of snowfall and surface melting on the Antarctic ice sheet and understanding the relationship with global warming usi
14:30	14:45	0:15		RA3MAN205	Kaoru Tachiiri	JAMSTEC	Contribution to satellite products development by sharing needs and results of a climate change research project
14:45	15:00	0:15		Break			
15:00	18:00	3:00	All	Plenary Session II			JAXA director talk and project status