

Tropical Meteorology Meeting 2016



Hosted by: Tropical Meteorology Research Group, The Meteorological Society of Japan
 Local host: Disaster Prevention Research Institute, Kyoto University

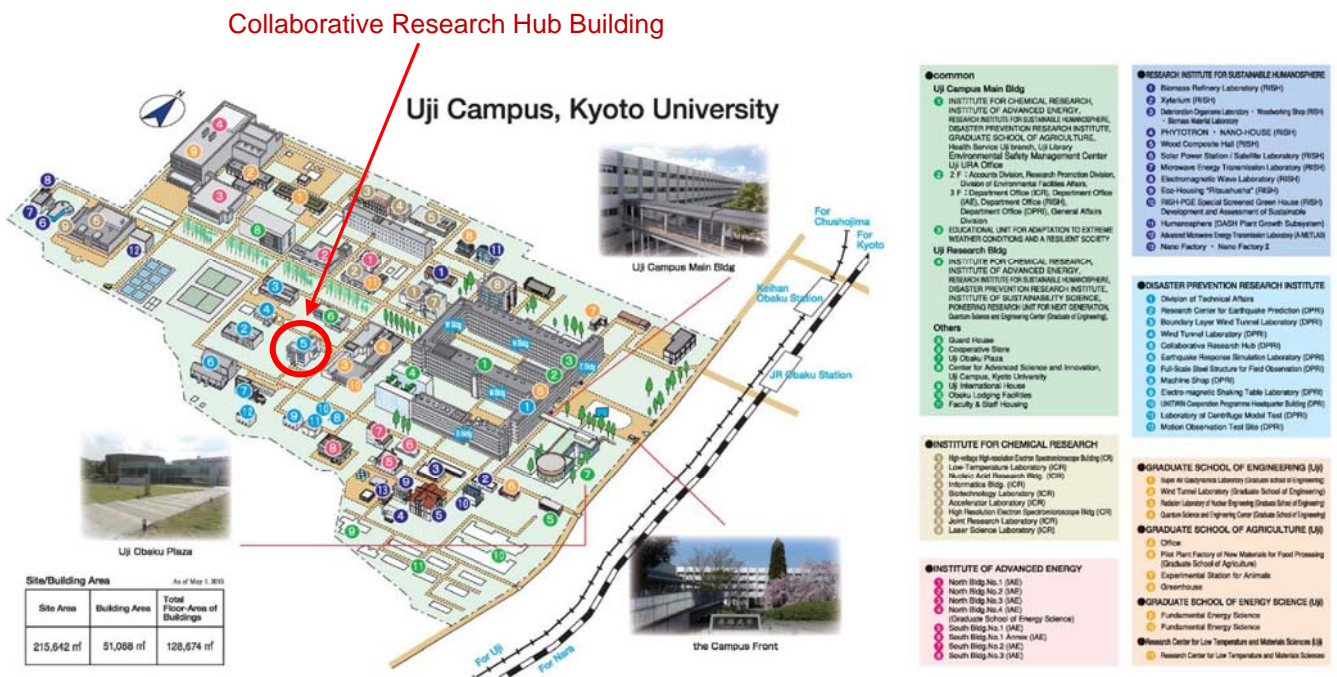
Venue: 3rd floor, Collaborative Research Hub Building, Disaster Prevention Research Institute

Uji Campus, Kyoto University, Gokasho, Uji, Kyoto

京都大学 宇治キャンパス 防災研究所 連携研究棟 3階大セミナー室

(See the map below; the building #5 indicated by skyblue)

Date: 29–30 September 2016



Agenda

Thursday, September 29

13:00-13:10 Opening address

Yukari Takayabu

Atmosphere and Ocean
 Research Institute,
 the University of Tokyo

Session 1 (Chair: Tetsuya Takemi)

13:10-13:40 S01 The effects of inefficient congestus precipitation on tropical convective dynamics

Hirohiko Masunaga* and
 Yukari Sumi

ISEE, Nagoya University

13:40-14:10	S02	Gravity-wave class forced/trapped along maritime continent coastline: A quick look of Pre-YMC observation	M. D. Yamanaka*, S.-Y. Ogino, K. Yoneyama (1), Bengkulu Observation Team (1, 2, 3, 4) and Mirai Observation Team (1)	1 JAMSTEC, 2 TMU, 3 BPPT, 4 BMKG
14:10-14:40	S03	Diurnal cycle and its modulation by MJO observed during Pre-YMC field campaign	Satoru Yokoi*(1), Shuichi Mori(1), Masaki Katsumata(1), Kazuaki Yasunaga(1,2), and Kunio Yoneyama(1)	1 JAMSTEC, 2 Toyama Univ.
14:40-15:10	S04	How much is the precipitation amount over the tropical coastal region?	Shin-Ya Ogino*, Manabu D. Yamanaka, Shuichi Mori, and Jun Matsumoto	JAMSTEC
15:10-16:10	Poster viewing and break			
Session 2	(Chair: Hirohiko Masunaga)			
16:10-16:40	S05	Role of orography, diurnal cycle and intraseasonal oscillation in the nature of summer monsoon rainfall over the western Ghats and the Myanmar coast	Shoichi Shige*, Yuki Nakano and Munehisa K. Yamamoto	Kyoto University
16:40-17:10	S06	The vertical modes and the effective stability of quasi-2-day waves	Yukari Sumi*(1), Hirohiko Masunaga(2)	(1) Graduate School of Environmental Studies, Nagoya University (2) ISEE, Nagoya University
17:10-17:40	S07	Reexamination of the concept of "Walker Circulation" --implication from the variety of large-scale tropical atmospheric response to equatorial SST anomaly in Aquaplanet Experiment --	Kensuke Nakajima*(1), Masahiro Kanda(1), Kotaro Takaya(2), Masaki Ishiwatari(3), Wataru Ohfuchi(5), Yoshiyuki O Takahashi(4) and Yoshi-Yuki Hayashi(4)	1: Kyushu University, 2: Kyoto Sangyo University, 3: Hokkaido University, 4: Kobe University, 5: JAMSTEC

18:30-20:30 Banquet

Friday, September 30

Session 3 (Chair: Kazuaki Yasunaga)

9:00-9:30	S08	Initiation processes and structures of intraseasonal variability simulated in an aqua-planet	Daisuke Takasuka*, Masaki Satoh	Atmosphere and Ocean Research Institute, the University of Tokyo
9:30-10:00	S09	Effects of the subtropical jet and lower-tropospheric convective instability on precipitation characteristics in the Baiu season	Chie Yokoyama* and Yukari N. Takayabu	Atmosphere and Ocean Research Institute, the University of Tokyo
10:00-10:30	S10	Evaluation of relationship between subtropical marine low stratiform cloudiness and estimated inversion strength in CMIP5 AMIP simulations using COSP	Tsuyoshi Koshiro*, Hideaki Kawai, and Seiji Yukimoto	Meteorological Research Institute
10:30-11:00	S11	A preliminary analysis of ENSO-Asian monsoon coupling on an interannual timescale in GCMs	Hiroshi G. Takahashi*(1,2), Nozomi Kamizawa(1)	(1)Tokyo Metropolitan University, (2)JAMSTEC

11:00-12:00 Poster viewing

12:00-13:00 Lunch

Session 4 (Chair: Shoichi Shige)

13:00-13:30	S12	The lack of westerly wind bursts in unmaterialized El Niño years and its relation to background wind states	Ayako Seiki*, Yukari N. Takayabu, Takuya Hasegawa, and Kunio Yoneyama	DCOP/JAMSTEC
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13:30-14:00	S13	Role of stratospheric cooling on the tropical troposphere and the ocean	K. Kodera*(1), N. Eguchi(2), and R. Ueyama(3)	1: Nagoya University, Institute for Space-Earth Environmental Research, Nagoya, Japan 2: Research Institute for Applied Mechanics, Kyushu University, Kasuga, Japan 3: NASA Ames Research Center, Moffett Field, CA 94035, USA
14:00-14:30	S14	Impacts of vertical structure of convection on circulation change under global warming	CHAO-AN CHEN*(1), JIA-YUH YU(2) and CHIA CHOU(1,3)	1: Research Center for Environmental Changes, Academia Sinica, Taipei, Taiwan; 2: Department of Atmospheric Sciences, National Central University, Taoyuan City, Taiwan; 3: Department of Atmospheric Sciences, National Taiwan University, Taipei, Taiwan JAMSTEC
14:30-15:00	S15	High cloud size dependency in the applicability of the fixed anvil temperature hypothesis using global nonhydrostatic simulations	A. T. Noda*, T. Seiki, M. Satoh, and Y. Yamada	JAMSTEC
15:00-15:30	S16	Recent increase of early-winter precipitation in the Hokuliku area and its linkage with rainfall in the eastern Indian Ocean and western Pacific Ocean	Kazuaki Yasunaga* and M. Tomochika	University of Toyama
15:30-15:40	Closing address		Masaki Satoh	Atmosphere and Ocean Research Institute, the University of Tokyo

Poster Presentations

P01	Characteristics of precipitation systems observed with the GPM DPR and their relationship with environmental moisture field	Marika Ono* and Yukari Takayabu	Atmosphere and Ocean Research Institute, the University of Tokyo
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P02	A Statistical analysis of precipitation feature over oceanic areas adjacent to continents in the tropics from TRMM data	Miho Fujishima* and Yukari Takayabu	Atmosphere and Ocean Research Institute, the University of Tokyo
P03	The Difference of Vertical Profiles of Stratiform Precipitation in Tropical and Mid-latitude	Kazuki Kobayashi*, Shoichi Shige and Munehisa K. Yamamoto	Kyoto University
P04	Potential impact of sea surface temperature on Rainfall over the western Philippines	Julie Mae B. Dado*(1) , Hiroshi G. Takahashi(1,2)	1 Department of Geography, Tokyo Metropolitan University, Tokyo, Japan 2 Japan Agency for Marine-Earth Science and Technology, Yokohama, Japan
P05	Convective cloud top vertical velocity estimated from geostationary satellite rapid-scan measurements	Atsushi Hamada* and Yukari N. Takayabu	Atmosphere and Ocean Research Institute, the University of Tokyo
P06	Use of operational meteorological data to reveal the characteristics and environmental properties of quasi-stationary mesoscale convective systems	Takashi Unuma and Tetsuya Takemi*	Disaster Prevention Research Institute, Kyoto University