

**THIRD CHINA- KOREA -JAPAN JOINT
CONFERENCE ON METEOROLOGY**

PROGRAMME

**Beijing, China,
November 14-16, 2007**

TIMETABLE

Date	Time	Meeting Room A	Meeting Room B	Meeting Room C
14 November 2007 (Wed)	9:00- 12:00	Plenary Meeting Opening Address & Invited Talks		
	12:00- 13:30	Lunch		
	13:30 - 18:30	Meeting Room A-I Monsoon	Meeting Room B-I Numerical Model Development	Meeting Room C-I Sand and Dust Storm
	19:00- 20:30	Reception		
15 November 2007 (Thu)	8:30 – 12:00	Meeting Room A- II Air-Sea Interaction	Meeting Room B- II Atmospheric Chemistry	Meeting Room C- II Sand and Dust Storm
	12:00- 13:30	Lunch		
	13:30 – 18:30	Meeting Room A-III Climate Change	Meeting Room B-III Weather, Climate and Water	Meeting Room C-III Typhoon
16 November 2007 (Fri)	8:30 – 12:00		Meeting Room B-IV Weather, Climate and Water	Meeting Room C-IV Typhoon
	12:00- 13:30	Lunch		
	13:30 – 18:00	Technical Tour		

Opening Ceremony.....	(3)
<i>Welcome speech and opening address</i>	
<i>Invited Talks</i>	
Monsoon.....	(3)
Air-Sea Interaction.....	(5)
Climate Change.....	(6)
Numerical Model Development.....	(8)
Atmospheric Chemistry.....	(9)
Weather, Climate and Water.....	(11)
Sand and Dust storm.....	(14)
Typhoon	(17)

PLENARY MEETING	
<i>Chair: ZHANG Renhe</i>	
14 November 2007(Wed) 9:00 – 12:00	
Opening Address & Invited Talks	
Meeting Room A-I MONSOON	
14 November 2007(Wed) 13:30-18:30	
<i>Chair: LI Jianping</i>	
13:30-13:45	Diurnal variations and characteristics of summer rainfall over the South China Sea: Active vs. Inactive ISO periods Myung-Sook Park, Chang-Hoi Ho, Yukari N. Takayabu
13:45-14:00	A heavy rainfall event in central Vietnam and collaboration effect of a cold surge and tropical intraseasonal variability Satoru Yokoi, Jun Matsumoto
14:00-14:15	Reinvestigations on East Asian Subtropical Monsoon and Tropical Monsoon He Jinhai, Qi Li, Wei Jin, Chi Yanzhen
14:15-14:30	Changes in the Dominant Patterns of Changma and Rainy Season Kyung-Ja Ha, Kyung-Sook Yun, Sun-Seon Lee, Sae-Rom Jang, Akio Kitch, Shoji Kusunoki
<i>Chair: Kyung-Ja Ha</i>	
14:30-14:45	Infiltration of the equatorial air mass into Mongolia and tropical plume over Asia in 2007 summer Hi-Ryong Byun
14:45-15:00	Seasonal Rotation Features of Wind Vectors and Application to Evaluate Monsoon Simulations in AMIP Models Jianping LI, Li ZHANG
15:00-15:15	Definition of Onset and Withdrawal of Changma in Korea using the Available Water Resource Index (AWRI) Tae-Hee Kim, Hi-Ryong Byun and Ji-Sun Lee
15:15-15:30	Characteristics of Atmospheric Heat Source over Asia in Summer using Multiple Reanalysis Datasets and its Impact on the General

	Circulation of Atmosphere CHEN Longxun, HE Jinhai, ZHANG Bo, and WANG Yuenan
15:30-15:45	The Influence of the Tibetan Plateau in different seasons Yimin Liu, Guoxiong Wu, Tongmei Wang, and Rijin Wan
15:45-16:00	Break
<i>Chair: Jun Matsumoto</i>	
16:00-16:15	Interdecadal Variations of the East Asian Summer Monsoon and Precipitation Patterns In Last 531 years over Eastern China Sun Zhaobo, Zeng Gang, Liu Xiangwen, and Deng Weitao
16:15-16:30	Variability of the low-level cross-equatorial jet of the western Indian Ocean since 1660 as derived from the coral proxies Dao-Yi Gong, Jürg Luterbacher
16:30-16:45	Inter-decadal Variability of East Asian Climate: Detection and Attribution Tianjun ZHOU, Rucong YU, Xiaoge XIN, Jian LI
16:45-17:00	Combined Effects of Teleconnection Patterns on the East Asian Summer Monsoon Variability Ryuichi Kawamura, Takuya Ogasawara
17:00-17:15	A Further Study on the East-Asian Winter Monsoon and Its Influences I. Features of Variation and Anomaly PEI Shun-Qiang, LI Chongyin
<i>Chair: Sun Zhaobo</i>	
17:15-17:30	The ENSO-Asian Monsoon Interaction in a Coupled Ocean-Atmosphere GCM Riyu Lu and Ying Li, Buwen Dong
17:30-17:45	Effects of Multi-Cumulus Convective Ensemble on East Asian Monsoon Rainfall Simulation Doo Young Lee, Chi-Yung Tam, Chung-Kyu Park
17:45-18:00	Evaluation of Dynamical and Statistical Forecasts of the Madden-Julian Oscillation Kyong-Hwan Seo, Wanqiu Wang, Jae-Kyung E. Schemm, Jon Gottschalck
18:00-18:15	Predictability of the Western North Pacific Summer Monsoon in APCC Multi-Model Ensemble Bong-Geun Song, Kyong-Hee An, Chi-Yung Tam, Saji N. Hameed
18:15-18:30	Influence of atmospheric heat sources over the Tibetan Plateau and the tropical western North Pacific on the inter-decadal variations of the Stratosphere-Troposphere exchange (STE) of water vapor Ruifen ZHAN, Jianping LI

Meeting Room A-II AIR-SEA INTERACTION	
15 November 2007(Thu) 8:30 – 11:30	
<i>Chair: Yign Noh</i>	
8:30-8:45	Sensitivity Experiments of the Response of Oceanic General Circulation Model to the Wind Stress Wu Haiyan, Zhang Ming, Li Chongyin
8:45-9:00	Intensities of Hadley, Walker, and Monsoon Circulations Compared in the Upper and Lower Troposphere Hiroshi L. Tanaka and Masako Takemoto
9:00-9:15	The Changes of ENSO Properties under Increased CO₂ Lin DENG and Xiuqun YANG
9:15-9:30	Numerical Simulation of the Impacts of Pacific decadal SSTAs on climate variabilities over East Asia SUN Xu-guang, YANG Xiu-qun and ZHU Yi-min
9:30-9:45	Unstable Coupled Waves in the Air-Sea System and Its Relationship with Inter-decadal Oscillation Lu Wei-song, Tao Li, Zhang Yan-bin, and Su Lei
9:45-10:00	A Further Investigation on Tropical Indian Ocean Dipole Index Tan Yanke, Du Zhencai, and Li Chongyin
10:00-10:15	Break
<i>Chair: Hiroshi Tanaka</i>	
10:15-10:30	Ocean Climate Changes to Atmospheric CO₂ Quadrupling in a Coupled GCM Yoon-Kyoung Lee, Jong-Ghap Jhun, and Byung-Kwon Moon
10:30-10:45	Eddy Heat Transport of the North Pacific Simulated by an Eddy-Resolving OGCM B. Y. Yim, Y. Noh, S. H. You, J. H. Yoon, and B. Qiu
10:45-11:00	Nonlinear ENSO Cycle Soon-Il An
11:00-11:15	Western North Pacific Subtropical High Development due to Indian and Pacific Oceans in a Coupled GCM MinHo Kwon, Jong-Ghap Jhun, and Jong-Seong Kug
11:15-11:30	Moisture Structure of ISO in Western North Pacific Revealed by AIRS Li Tao, Weisong Lu, Xiouhua Fu and Bin Wang

Meeting Room A-III	
CLIMATE CHANGE	
15 November 2007(Thu)	
13:30-18:30	
<i>Chair: JAI-HO OH</i>	
13:30-13:45	Increase in Precipitation during the Post-Rainy Season caused by Unstabilization over Northeast Asia Sung-Ho CHOO, Hi-Ryong BYUN
13:45-14:00	Cloud Water Path Over China: An Analysis Using ISCCP Data During 1984- 2004 Xingyu Li, Xueliang Guo and Jiang Zhu
14:00-14:15	Cloud Climatology Characteristics of China from ISCCP Data Liu Ruixia, Liu Yujie , and Du Bingyu
14:15-14:30	Trends and Causes of Diurnal Temperature Range Changes over South Korea Myoung-Seok Suh, Sung-Geun Hong, Chi-Oak Ahn, Ki-Oak Hong, Jeon-Ho Kang
14:30-14:45	Summer Urban Climate Trends and Environmental Effect in the Beijing Area LIU Xi-Ming, HU Fei
14:45-15:00	Influences of Tropical Cyclones on China During 1965-2004 Wang Xiaoling, Wu Liguang, Renfumin
15:00-15:15	The Climate Element Evolution of Jiangsu Province During last 20 years as a Response to Global Change Jianhong Wang, Chunsheng Miao
15:15-15:30	A Statistical Analysis of Vegetation-Climate Feedbacks in the Tibetan Plateau Yaqin Liu, Guangzhou Fan, Dingwen Zhou, Wei Hua, Xuemin Li, and Hongquan Li
15:30-15:45	Climatic Change and its Possible Impact on Water Resources in Shanxi Province Zhao Guixiang
15:45-16:00	Break
<i>Chair: Akio Kito</i>	
16:00-16:15	Climate Forcing by Anthropogenic Greenhouse Gases and Aerosols Teruyuki Nakajima, Makiko Mukai, Kentarou Suzuki, Toshihiko Takemura, Daisuke Gotoh, Takamichi Iguchi
16:15-16:30	The Role of Dynamic Feedbacks on Aerosol Induced Radiative Forcing of Major Aerosol Types

	Woo-Seop Lee, Maeng-Ki Kim, Chong-Heum Kwak
16:30-16:45	The Climate Response to the Change of Ozone Xie Fie
16:45-17:00	AMIP II GCMs Simulations of East China Precipitation Seasonal and Interannual Variation Chenghai Wang, and Xinzhong Liang
17:00-17:15	Detection and Attribution of Climate Change Signal in Seasonally Precipitation Data over a Region of Northeast Asia Keon-Tae Sohn, Jeong-Hyeong Lee, Seung-Bae Choi, Kyung-Ja Ha
17:15-17:30	Implementation of Icosahedral-hexagonal Gridpoint Model GME for Seasonal Prediction Sumin Woo, Jai-Ho Oh, H. S. Chaudhari
17:30-17:45	Asian Drought in a Future Climate: Results from 15 Global Climate Models Participating in the IPCC 4th Assessment Kim Do-Woo, Byun Hi-Ryong, and Hong Ji-Yoon
17:45-18:00	Projection of Extreme Climate Events in China in the 21st Century based on AR4/IPCC Models Jiang Zhihong, Chen Weilin, Wang Ji, Song Jie
18:00-18:15	Next Generation Model Development at MRI Akio Kitoh and collaborators
18:15-18:30	Simulation of Abrupt Climate Events in Holocene with an Earth-System Model of Intermediate Complexity Xu Yun, Chen Xing

Meeting Room B-I	
NUMERICAL MODEL DEVELOPMENT	
14 November 2007(Wed)	
13:30-18:00	
<i>Chair: WANG Bin</i>	
13:30-13:45	20th Century Surface Air Temperature over China and the Globe Simulated by Coupled Climate Models Tianjun ZHOU, Rucong YU
13:45-14:00	Modeling Warm Season Precipitation Diurnal Cycle– A great Challenge to Climate Models Yuqing Wang
14:00-14:15	Online tuning of background and observation error in operational variational assimilation Wei Han and Jishan Xue
14:15-14:30	AMIP Models Performances on Cloud cover and Cloud Radiative Forcing over East Asia Yunying Li, Rucong Yu and Tianjun Zhou
14:30-14:45	The formation of nocturnal rainfall offshore from convection over western Kalimantan (Borneo) Island Peiming Wu, Manabu D. Yamanaka and Jun Matsumoto
14:45-15:00	Effect of Aliased truncation in DFS Shallow Water Model on the Sphere Hyeong-Bin Cheong, In-Hyuk Kwon and Sung-Wook Park
<i>Chair: Jae Gyoo Lee</i>	
15:00-15:15	Seasonal Prediction Experiments Using a Coupled GCM Li Yan, Yongqiang Yu, and Bin Wang
15:15-15:30	Sensitivity of the mixed layer seasonality in the Indo-Pacific warm pool to heat flux and wind stress in an OGCM Chao Li, Yongqiang Yu and Dongxiao Wang
15:30-15:45	Development of GRAPES regional 4DVAR system Zhang Lin
15:45-16:00	Global Cloud-Resolving Model Development and its seamless applications to weather & climate researches Masaki Satoh
16:00-16:15	The Global GRAPES- 3DVar data assimilation cycle experiments Zhuang Zhaorong, Xue Jishan, Zhuang Shiyu and Li Xingliang
16:15-16:30	Break

<i>Chair: Masaki Sato</i>	
16:30-16:45	A Brief Introduction of the New Generation meso-scale NWP system in CMA -- GRAPES_Meso SUN Jian, HUANG Liping, CHEN Dehui, SHEN Xueshun and XUE Jishan
16:45-17:00	A numerical simulation study of fog and visibility in local airports over the Korean peninsula using the WRF model Cheol-Han Bang, Jiwoo Lee and Song-You Hong
17:00-17:15	A Numerical Study of Topographically Induced Mesoscale Snowbands in Association with a Coastal Front along the Eastern Coast of the Korean Peninsula Jae-Gyoo Lee and Ming Xue
17:15-17:30	A Simple Method on the Flow Dependent Background Errors in Hybrid WRF-Var Kwan-Young Chung , S.R.H. Rizvi and Dale M. Barker
17:30-17:45	Development of a microwave land data assimilation system for initializing soil moisture in NWP models Kun Yang and Toshio Koike
17:45-18:00	Impacts of Cumulus Parameterization in a High Resolution Model Xing Yu and Tae-Young Lee
Meeting Room B- II ATMOSPHERIC CHEMISTRY	
15 November 2007(Thu)	
8:30 -13:00	
<i>Chair: Rok jin Park</i>	
8:30-8:45	The Recent Activities of Atmospheric Chemistry Remote Sensing in NSMC Peng Zhang, Xingying Zhang, Jin Qi, Xiaojing Li, Yan Zhang, Xiuqing Hu, Hong Qiu, Ling Sun, Zhiguo Rong, and Yuan Li
8:45-9:00	Temporal Variations of Elemental Carbon in Beijing Y. Kondo, S. Han, N. Takegawa, Y. Miyazaki, M. Hu, P. Lin, Z.Q. Deng, and Y. Zhao
9:00-9:15	Transboundary transport of air pollutants and tropospheric ozone in North China Chunsheng Zhao
9:15-9:30	In-situ Measurements of Halogenated Greenhouse Gases at the Shangdianzi GAW Regional Station, China Lingxi Zhou, Martin K. Vollmer, Brian R. Grealley, Bo Yao, Frode Stordal, Stefan Reimann, Xiaochun Zhang, Fang Zhang, Peter G. Simmonds, Michela Maione, Xiaoling Zhang, Huaigang Zhou, Claire Witham, Alistair Manning

9:30-9:45	Long-term trend of surface ozone at a regional background station in eastern China 1991-2006: Enhanced variability Xiaobin Xu, Weili Lin, Tao Wang, Peng Yan, Jie Tang, Zhaoyang Meng, and Ying Wang
9:45- 10:00	A Weekend Effect in Diurnal Temperature Range and its Association with Aerosols and O₃ in Seoul Byung-Gon Kim, Yoo-Jun Kim, Seung-Hee Eun, Min-Hyuck Choi
10:00-10:15	Break
<i>Chair: Yutaka Kondo</i>	
10:15-10:30	Impact of Siberian forest fires on tropospheric ozone in East Asia during May 2003 Jae-In Jeong and Rokjin J. Park
10:30-10:45	Characteristic of Ultraviolet in Nanning Li xiong
10:45-11:00	Intercomparison between Aerosol Optical Properties (AOP) retrieved simultaneously with a Prede skyradiometer and Cimel Sunphotometer over Beijing, China Huizheng Che, Guangyu Shi, Akihiro Uchiyama, Akihiro Yamazaki, Hongbin Chen, Philippe Goloub, Xiaoye Zhang
11:00-11:15	The Impacts of aerosol on visibility and haze over the Pearl River Delta Region (PRD), China Xuejiao Deng, Dui Wu, Xuexi Tie, Xueyan Bi, Hanbo Tan, Fei Li, Chenglin Jiang, Xia Dong
11:15-11:30	The Application of the Air-based Microwave Radiometer for the Artificial Rainfall Increment in Spring in Jilin Province Zhang Jinghong, Zhao Jintao, and Guo Junmei
11:30-11:45	Multi-scale Characteristics of Aerosol Optical Depth over East Asia and Their Association with Wind Fields on 850hPa Chize Zhu, Zhenhao Bao, Junqiang Gu, Zhiping Wen
11:45-12:00	A new method to calculate monthly CO emissions using MOPITT satellite data LIN Yunping, ZHAO Chunsheng, PENG Li & FANG Yuanyuan
12:00-12:15	The characteristics of trace gaseous pollutants at rural area of North China Zhaoyang Meng, Xiaobin Xu, Weili Lin, JieTang, Peng Yan, and Guoan Ding
12:15-12:30	Typical Precipitation Analysis Of Cumulo-Stratus Mixed Cloud Microphysics Zhang Jinghong, Zhao Jintao, Guo Junmei, and QiYing
12:30-12:45	A Weekend Effect in Diurnal Temperature Range and its Association with Aerosols and O₃ in Seoul Byung-Gon Kim, Yoo-Jun Kim, Seung-Hee Eun, Min-Hyuck Choi
12:45-13:00	Diurnal Cycle of Trace Gases (CO, NO_x) and Particulate Matters (PM₁, PM_{2.5}, PM₁₀) in Kangnung Coastal City Hyo Choi

Meeting Room B-III	
WEATHER, CLIMATE AND WATER	
15 November 2007(Thu)	
13:30-17:30	
<i>Chair: JIANG Tong</i>	
13:30-13:45	Meteorological Analysis of heavy snowfall events Occurred over Southwestern region of Korea Kyung-Eak Kim, Yo-Han Cho, Yoonjung Lee and Young-Hee
13:45-14:00	Research on Climate Characteristics and Physical Factors of Rainstorms at the Rear of Typhoons in Fujian Province Zhu yanping, Ma changing, Liu aiming, and Wang shigong
14:00-14:15	Linkage of Arctic Sea Ice Thickness Distribution to Chinese Climate and Tropical Key Region SST WANG Xue-zhong, SUN Zhao-bo, HU Bang-hui, TAN Yan-ke and NI Dong-hong
14:15-14:30	Re-examination of Seasonal Cycle and Synoptic Weather Systems around Japan in Association with the "Seasonal Feeling" (with Focus Mainly on the Transition from March to April) Kuranoshin Kato, Yoshinori Mori, Yuuki Nakayama, and Haruko Kato
14:30-14:45	Diagnosis of Influence of Southern Airflow on Moving off the Tibetan Plateau of the Plateau Low Vortex Shuhua YU, Wenliang GAO, and Yuhua XIAO
14:45-15:00	Current Probabilistic Multi-Model Ensemble Approach to Seasonal Climate Prediction at the APEC Climate Center Young-Mi Min, Vladimir Kryjov, and Chung-Kyu Park
15:00-15:15	Normality analysis on annual, seasonal and monthly precipitation in Ningxia HU Wen-dong, CHEN Xiao-guang, LI Yan-chun, ZHENG Guang-fen, SHAO Jian, ZHANG ZHI, and NA Li
15:15-15:30	Recovery of Flow-Dependent Model Error Covariance From Timelagged Ensembles O. Y. Kim and J. H. Oh
15:30-15:45	A heavy precipitation case study around the East China Sea in summer season, 2006 Dong-In Lee, Ji-Young Gu, Min Jang, Kil-Jong Seo, Dong-Soon Kim, Mi-Young Kang, Sang-Min Jang, and Geun-Ok Lee
15:45-16:00	Break
<i>Chair: Dong-In Lee</i>	
16:00-16:15	Numerical Simulation on a Vortex Heavy Rain Occurred in North China Tian Xiu-xia and Shao Ai-mei
16:15-16:30	A Study on Quantitative Precipitation Estimation Based on Kriging

	with External Drift (KED) Huang Xiaoyu, Chen Yuan, Xiong Yi, Chen Bo, and Liao Yufang
16:30-16:45	Comparisons of Various Convection Parameterization Schemes for Precipitation Simulation over Eastern China ZHAO Ying-Long, TAN Yan-Ke and WANG Tie
16:45-17:00	Rainfall and Atmospheric Conditions around Kyushu, the Western Part of the Japan Islands, in the Warm Sector of the Baiu Front (Analyses for the Baiu in 1997 - 2005) Kuranoshin Kato, and Yasuhiro Goda
17:00-17:15	The Observation System Simulation Experiment of Singular-vector-based Adaptive Observation for Low on the Meiyu Front ZHONG Ke
17:15-17:30	Anomalous Characteristics of the Stratospheric Circulation in ENSO Winter Li Lin, Li Chongyin and Tan Yanke
Meeting Room B-IV WEATHER, CLIMATE AND WATER	
16 November 2007(Fri) 8:30-11:00	
<i>Chair: Jun Matsumoto</i>	
8:30-8:45	Seasonal prediction of China regional climate from preceding large-scale climate indices Yeon-Hee Kim, Maeng-Ki Kim, and Woo-Seop Lee
8:45-9:00	The preliminary study of the basic structure of precipitation stratus and precipitation potential in spring in Jilin province Liu Jian, Jiang Tong, Mi Changshu, and Chen Zhixin
9:00-9:15	Analysis Application of Satellite Nephogram and CINRADAR Products In the Precipitation Enhancement Processes NIU SHU-Zhen, XI SHI-Ping, and BAO XIANG-Dong
9:15-9:30	The Reason for Extreme High Temperature in Zhengzhou He Zhe, Li Ping, Qiao Chungui, Wang Rui, Liang Yu, and Gu Xiujie
9:30-9:45	The Impact of trans-equatorial Monsoon Flow on the Formation of Repeated Torrential Rains over Java Island Peiming Wu, Masayuki Hara, Hironori Fudeyasu, Manabu D. Yamanaka, Jun Matsumoto, Fadli Syamsudin, Reni Sulistyowati and Yusuf S. Djajadihardja
9:45-10:00	Diagnostic Analysis Forecasting System of the Severe Convective Weather of Henan Province Zhao Peijuan, Wu Zhen, Zheng Shilin, Fan Xuefeng, and Li Chaoxing
10:00-10:15	Break

<i>Chair: Peiming Wu</i>	
10:15-10:30	Statistic Characteristics and Weather Significance of Infrared TBB during May-August for Beijing and its Vicinity Zheng Yongguang, Chen Jiong, Chen Minxuan, Wang Yingchun, Ding Qinglan
10:30-10:45	Projected Surface Water Resource of the Yangtze River Basin Before 2050 LIU Bo, JIANG Tong, REN Guoyu, Klaus Fraedrich
10:45-11:00	Distributed Modeling of direct solar radiation over rugged terrains of Zhejiang Province LI Mengjie, Jiao Shengming, ZENG Yan

Meeting Room C- I SAND AND DUST STORM	
14 November 2007(Wed) 13:30-18:15	
<i>Chair: JIAO Meiyang</i>	
13:30-13:45	Duststorms and the Related Disasters Zeng Qingcun
13:45-14:00	A simulation of a Hwangsa event observed in Korea on 8-9 April 2006 using the ADAM model modified with the use of NDVI data Soon-Ung Park
14:00-14:15	Physical process of wind erosion and its relation to ground surface conditions in East Asia. Masao MIKAMI
14:15-14:30	Numerical Experiments with a Spectral Dust Emission Scheme and Preliminary Validations Shao Yaping
14:30-14:45	Wavelet-based analysis and modeling of wind-sand flux characteristics Zheng Xiaojing
<i>Chair: Masao MIKAMI</i>	
14:45-15:00	Research and Operational Monitoring of Dust Storm with Satellite Data Dong Chaohua
15:00-15:15	Network observations of Asian dust using polarization lidars Nobuo Sugimoto
15:15-15:30	A overview of operational dust storm in China and its development Jiao Meiyang
15:30-15:45	Developing a discriminating method of the Asian dust from high PM10 events using Aerodynamic Particle Sizer (APS) Young-GonLee
15:45-16:00	Behaviors of Dust Particles as Condensation Nuclei -Results of an ESEM Study- Zhang Daizhou
16:00-16:15	Influence of dust Storm Events on Variational Characteristics of Concentrations of Particulate Matter with different sizes in Lanzhou Wang Shigong
16:15-16:30	The dust storm and its removal process over the Taklimakan Desert as observed using a depolarization lidar Kenji Kai

16:30-16:45	Break
	<i>Chair: SHAO Yaping</i>
16:45-17:00	Dust emission under weak physical crust after small precipitation at a fallow-wheat field in Australia during JADE-IOP Masahide ISHIZUKA
17:00-17:15	Numerical Simulations of Two East Asian Dust Storms in Spring 2006 Sun Jianhua
17:15-17:30	Gustness and coherent structure of strong wind in the atmospheric boundary layer Cheng Xue-Ling
17:30-17:45	The analysis of impacts of land surface factors on dust emission process in an integrated dust aerosol modeling System Song Zhenxin
17:45-18:00	Numerical simulation of sand flux development Wang Ping
18:00-18:15	CUACE/Dust: an Operational SDS Forecasting System for East Asia Zhou Chunhong
Meeting Room C- II SAND AND DUST STORM	
15 November 2007(Thu) 8:30-12:45	
<i>Chair: Soon-Ung Park</i>	
8:30-8:45	A Statistical Analysis of Atmospheric PM10 Concentration and Determination of the Threshold Concentrations for Early Responding of Asian Dust Changbum Cho
8:45-9:00	Modeling the Transport and Mixing of Dust Aerosols and Pollutants during an Asian Dust Storm Wang Zifa
9:00-9:15	Quantitative Classification of numerical prediction on Northeast Asian Dust Weather and Its Applications Zhao Linna
9:15-9:30	A Diagnostic Study of Rapid Developing Cyclone in Mongolia Zhang Zhigang
9:30-9:45	Comparison between Two Dust Weather Process Effecting Beijing in 2006 Li Xiaolong

9:45-10:00	Break
<i>Chair: WANG Zifa</i>	
10:00-10:15	Dust Particles in Spring Snow at Mt. Tateyama, Japan: Shift of Shape Characteristics during Long-range Transportation Li Jingmin
10:15-10:30	Surface observation of sand and dust storm in East Asia and its application in CUACE/Dust Wang Yaqiang
10:30-10:45	A fast infrared radiative transfer algorithm for dust storm weather Zhang Lei
10:45-11:00	Comparative validation of dust products retrieved from TIR and UV satellite data during spring of 2006 and 2007 Qi Jin
11:00-11:15	Characteristics of atmosphere aerosol light-scattering and PM10 concentration in north China Yan Hao
<i>Chair: Zhao Linna</i>	
11:15-11:30	Climatic role of dust aerosol deposition on snow surface Taichu Y.Tanaka
11:30-11:45	A model and hindcasts for spring dust storm prediction in Inner Mongolia Gao Tao
11:45-12:00	Analyses on the cause of formation of sandstorm occurred in surrounding Beijing and Tianjin area You Fengchun
12:00-12:15	A Preliminary Study on Relationships between Dust Storm Activities in North China and Arctic Ice-Snow Cover Zhang Jiashen
12:15-12:30	Statistical Investigation of Sand and Dust Storm in East Asia during Recent Eight Springs Liu Hongli
12:30-12:45	Impact of land surface processes on the simulation of dust-storm activities over North China Lin Zhaohui

Meeting Room C-III TYPHOON	
15 November 2007(Thu) 13:30-18:00	
<i>Chair: Zhe-Min Tan</i>	
13:30-13:45	Predictability of tropical cyclogenesis in the JMA ensemble forecasts – a case study of the 2004 Typhoon Season Tetsuo Nakazawa and Munehiko Yamaguchi
13:45-14:00	Boundary-layer wind structure in a landfalling typhoon Tang Xiaodong and Tan Zhemin
14:00-14:15	Development of the idealized typhoon structure In-Hyuk Kwon, Hyeong-Bin Cheong and Sung-Wook Park
14:15-14:30	Mesoscale vortex generation and merging process: a case study associated with a landed tropical depression Yu Zifeng Liang Xudong Yu Hui Johnny C. L. Chan
14:30-14:45	Signal propagating characters of denial experiments for targeted observation Hua Chen and Sarah Jones
<i>Chair: Tetsuo Nakazawa</i>	
14:45-15:00	The capacity and preliminary improvement of cumulus parameterization on typhoon numerical prediction Ma Leiming and Tan Zhe-Min
15:00-15:15	Effect on terrain to heavy rain of landing tropical cyclone 0604“Bilis” Wang Xiao-Fang and Hu Bo-Wei
15:15-15:30	The characteristics of atmosphere-ocean interactions along North Atlantic extratropical storms tracks Yonghong Yao, William Perrie, Weiqing Zhang, and Jing Jiang
15:30-15:45	Frequency of intense hurricane landfall over Vieques island of Puerto Rico during the past 5000 Years Huang Yong, Li Chongyin and Wang Ying
15:45-16:00	Research on climate characteristics and physical factors of rainstorms at the rear of typhoons in Fujian province Zhu yanping, Ma changing, Liu aiming and Wang shigong
16:00-16:15	Break
<i>Chair: H. Joe Kwon</i>	
16:15-16:30	Research and application of data assimilation techniques in typhoon

	model of Shanghai Typhoon Institute Liang Xudong
16:30-16:45	Increasing intensity of typhoons made landfall over the Korean peninsula I.-J. Moon, Y. S. Choi and S. K. Kang
16:45-17:00	Estimating tropical cyclone precipitation from station observations Fumin Ren, Yongmei Wang, Xiaoling Wang, and Weijing Li
17:00-17:15	An observational analysis of a torrential rain caused by a landfalling typhoon Zhang Haixia, Cui Xiaopeng, Kang Fengqin, and Cai Shouxin
17:15-17:30	Wind field decomposition of typhoon Shanshan (200613) with data of GPS–dropsonde Huang Sixun and Cai Qifa
17:30-17:45	The composite analysis of eight typhoons in 2006 Using COSMIC data Ding Jincal, Kuo Yinghwa, Guo Yongrun and Guo Pen
17:45-18:00	Impact of VASS radiance of FY3 assimilation on numerical typhoon prediction Ma Gang, Wu Xuebao, Zhu Guofu, Lu Qifeng, Liu Ruixia, Li Xiaoqing, Zhang Fengying and Zhang Peng
Meeting Room C-IV TYPHOON	
16 November 2007(Fri) 8:30-10:15	
<i>Chair: Liang Xu-Dong</i>	
8:30-8:45	A statistical model for prediction of the tropical cyclone activity over the Western North Pacific H. Joe Kwon and Woo-Jeong Lee
8:45-9:00	Is beta-gyre real? Sun-Hee Kim and H. Joe Kwon
9:00-9:15	Analysis on tropical cyclone “Mindule ” using Amsu-B And Goes-9 satellite data Zhu Yaping and Cheng Zhoujie
9:15-9:30	A numerical simulation on a storm surge caused by typhoon Yang Xiaojun, Lv Jiangjin, He Qunying and Wang Ying
9:30-9:45	Diagnostic analysis of heavy rainfall of two typhoons trough affecting Henan province Fan Xuefeng and Wu Zhen
9:45-10:00	Segmentation of typhoon cloud image by combining fractal features

	with continuous wavelet transform Changjiang Zhang
10:00-10:15	The “7.15”flood analysis in the middle-south of Fujian province after 0604 severe tropical storm “Billis” landing Ma Changing, Zhu Yanping, and Liu Aiming