

Day One Monday, July 10, 2006 2:00pm - 3:30pm

Room 306 (cont'd)

- 3:00 PM AS13/O1-P1-05**
59-AS-A1189 Study of Surface Ozone and Its Precursor Gases at Port Blair, India, a Remote Marine Station in Bay of Bengal
Tuhin Kumar MANDAL¹, S K PESHIN², S C GARG¹, A P MITRA¹
¹ *National Physical Laboratory, New Delhi, India*
² *India Meteorological Department, India*
- 3:15 PM AS13/O1-P1-06 (Withdrawn)**
59-AS-A1247 Wintertime Mass-Size Distribution of Aerosols by QCM at New Delhi
Prabhat K GUPTA¹, Khem SINGH¹, C K DIXIT¹, D P SINGH¹,
Arvind K JHA¹, S SAHAI¹, Nahar SINGH¹, S C GARG¹
¹ *National Physical Laboratory, New Delhi, India*
- 3:30 PM AS13/O1-P1-07**
59-AS-A1348 Evolution of Internal Gravity Waves Under the Association of Katabatic Wind and Sea-Land Breeze Circulation Over Coastal Complex Terrain
Hyo CHOI
Dept. of Atmospheric Environmental Sciences, Kangnung National University, Kangwondo, Korea

Day Two Tuesday, July 11, 2006 8:30am - 10:30am

Room 306

AS04 Applied Mesoscale Numerical Weather Prediction in Southeast Asia

Convenor/Co-Convenors : Tieh-Yong Koh, Shigeo Yoden

Session Chair : Tieh-Yong Koh

- 8:30 AM AS04/O2-A1-01**
59-AS-A0639 A Trial of Mesoscale Ensemble Forecasts with a Lagged Average Method
Shigeo YODEN¹, Shigenori OTSUKA¹, Palikone THALONGSENGCHANH²,
Tri Wahyu HADI³
¹ *Kyoto University, Japan*
² *Dept. of Meteorology and Hydrology of Lao, PDR*
³ *Institut Teknologi Bandung, Indonesia*
- 8:45 AM AS04/O2-A1-02**
59-AS-A0640 Asian THORPEX, Our Strategy to Mitigate Disasters
Tetsuo NAKAZAWA
Meteorological Research Institute, Japan
- 9:15 AM AS04/O2-A1-03**
59-AS-A1302 Downscale Ensemble Experiments of a Heavy Rain Event with the JMA Nonhydrostatic Mesoscale Model
Kazuo SAITO¹, Masayuki KYOUDA², Munehiko YAMAGUCHI²
¹ *Meteorological Research Institute, Japan*
² *Numerical Prediction Division, JMA, Japan*

Day Two Tuesday, July 11, 2006 8:30am - 10:30am

Room 306 (cont'd)

- 9:30 AM AS04/O2-A1-04**
59-AS-A0660 MM5 in Simulating Tropical Precipitation Systems in and Around Bangladesh
Islam NAZRUL¹, Toru TERAQ², Taiichi HAYASHI³, Hiroshi UYEDA⁴
¹ Dept. of Physics, Bangladesh University of Engineering & Technology, Bangladesh
² Faculty of Informatics, Osaka Gakuin University, Japan
³ DPRI, Kyoto University, Japan
⁴ HyARC, Nagoya University, Japan
- 9:45 AM AS04/O2-A1-05**
59-AS-A0811 Simulating Weather Around Singapore Using COAMPS
Lan YI¹, Tieh-Yong KOH¹
¹ Nanyang Technological University, Singapore
- 10:00 AM AS04/O2-A1-06**
59-AS-A1187 Modeled Aspects of Winter Monsoon Mesoscale Convection Over Equatorial Southeast Asia
Binson JOSEPH¹, Tieh-Yong KOH¹
¹ Nanyang Technological University, Singapore

Day Two Tuesday, July 11, 2006 11:00am - 12:30pm

Room 306

AS General

Session Chair : Hyo Choi

AS06 Atmospheric Input to the Coastal Zone

Convenor : Tapan K Jana

Session Chair : Tapan K Jana

- 11:00 AM AS General/O2-A2-01**
59-AS-A0104 Recent Climate Warming Over the Tibetan Plateau and the Increasing Greenhouse Gases Emissions
Anmin DUAN¹, Guoxiong WU¹, Qiong ZHANG¹, Yimin LIU¹
¹ Atmospheric Physics, Chinese Academy of Sciences, China
- 11:15 AM AS General/O2-A2-02**
59-AS-A0177 A Narrowband Transmittance Model Based on Fitting to the Line-by-Line Algorithm
Heli WEI¹, Xiuhong CHEN¹, Ruizhong RAO¹, Ping YANG², Jun LI³
¹ Anhui Institute of Optics & Fine Mechanics, Chinese Academy of Sciences, China
² Dept. of Atmospheric Sciences, Texas A & M University, USA
³ Cooperative Institute of Meteorological Satellite Studies, University of Wisconsin, Madison, USA

Day Two Tuesday, July 11, 2006 11:00am - 12:30pm

Room 306 (cont'd)

- 11:30 AM AS General/O2-A2-03**
59-AS-A0683 Climate Change Scenarios and Extreme Indices of Temperature and Precipitation Over East Asian Summer Monsoon
P.V.S. RAJU¹, H.H. HSU¹, Y.C. YU¹
¹ *Dept. of Atmospheric Sciences, National Taiwan University, Taiwan*
- 11:45 AM AS General/O2-A2-04**
59-AS-A1221 Boundary Layer Conditions During Intense Foggy Conditions at Delhi
H K MAINI¹, S C GARG¹, Thomas JOHN¹, Prabhat GUPTA¹, B C ARYA¹, S L JAIN¹, B S GERA¹, Vishram SINGH¹, Dhan SINGH¹, M K TIWARI¹
¹ *National Physical Laboratory, New Delhi, India*
- 12:00 PM AS06/O2-A2-05**
59-AS-A0059 Atmospheric Inputs of Nutrients (N & P) to the Sea Surface, NE Coast of Bay of Bengal, India
Tapan Kumar JANA¹, Abhijit CHATTERJEE¹, Chirasri DUTTA¹, Subha SEN¹, Haimanti BISWAS¹
¹ *Dept. of Marine Science, Calcutta University, India*
- 12:20 PM AS06/O2-A2-06**
59-AS-A1185 Coastal Eutrophication in Southeast Asia: Importance of Atmospheric Deposition of Nutrients
Sundarambal PALANI¹, Rajasekhar BALASUBRAMANIA², Sathrugnan KARTHIKEYAN², Pavel TKALICH¹
¹ *Tropical Marine Science Institute, National University of Singapore, Singapore*
² *Division of Environmental Science & Engineering, National University of Singapore, Singapore*

Day Two Tuesday, July 11, 2006 4:00pm - 6:15pm

Room 306

AS04 Applied Mesoscale Numerical Weather Prediction in Southeast Asia

Convenor/Co-Convenors : Tieh-Yong Koh, Shigeo Yoden

Session Chair : Shigeo Yoden

- 4:00 PM AS04/O2-P2-01**
59-AS-A1411 Observations and Modeling of the Sea-Breeze Convergence and Diurnal Convection Over Java Island
Tri Wahyu HADI
Atmospheric Science Research Group, Faculty of Earth Science and Mineral Technology, Institut Teknologi Bandung, Indonesia
- 4:20 PM AS04/O2-P2-02**
59-AS-A1322 Tracer Transport in Southeast Asia
Tieh Yong KOH¹, Peifeng MA²
¹ *Nanyang Technological University, Singapore*
² *National University of Singapore, Singapore*

Day Two Tuesday, July 11, 2006 4:00pm - 6:15pm

Room 306 (cont'd)

- 4:35 PM AS04/O2-P2-03**
59-AS-A0324 Simulations of Mesoscale Disturbance Over Metro Manila with a Mixed Layer Model
Armelle Reca C. REMEDIO¹, Mariano ESTOQUE¹
¹ Manila Observatory, Philippines
- 4:50 PM AS04/O2-P2-04**
59-AS-A0210 Analysis of the Looping Track of Typhoon MUIFA with the MM5 Model
Mariano ESTOQUE¹, Armelle Reca C. REMEDIO¹
¹ Manila Observatory, Philippines
- 5:05 PM AS04/O2-P2-05**
59-AS-A0282 MM5 Simulation of the Near-Equatorial Typhoon Vamei
Fredolin T. TANGANG¹, Juneng LIEW¹, Chris REASON²
*¹ Faculty of Science and Technology, National University of Malaysia, Malaysia
² Dept. of Oceanography, University of Cape Town, South Africa*
- 5:20 PM AS04/O2-P2-06**
59-AS-A0854 Statistical Verification of COAMPS® Predictions Over Southeast Asia During SCSMEX
Ying HUANG¹, Tieh-Yong KOH¹
¹ Nanyang Technological University, Singapore
- 5:35 PM AS04/O2-P2-07**
59-AS-A1113 Heavy Rain Forecast with the High Resolution Regional Model in Vietnam
Kieu Thi XIN¹, Duc LE¹, Thanh Hang VU¹
¹ Vietnam National University, Vietnam
- 5:50 PM AS04/O2-P2-08**
59-AS-A0186 Chaotic Order of the Indonesian Seasonal Rainfall Predictability
Edvin ALDRIAN
Agency for the Assessment and Application of Technology, Indonesia

Day Three Wednesday, July 12, 2006 8:30am - 10:30am

Room 306

AS10 Mesoscale and Local-Scale Processes on Heavy Rainfall

Convenor/Co-Convenors : Yi-Leng Chen, Hsi-Chyi Yeh, Pay-Liam Lin

Session Chair : Yi-Leng Chen

- 8:30 AM AS10/O3-A1-01**
59-AS-A0979 Tropical Influences on Extratropical Precipitation Systems
John GYAKUM¹, Eyad ATALLAH¹, Shawn MILRAD¹
¹ McGill University, Canada