

**International Seminar on Climate Variability, Change and Extreme  
Weather Events  
26 – 27 February 2008**

**Danau Golf Club  
UNIVERSITI KEBANGSAAN MALAYSIA**

**DAY 1: February 26, 2008**

**Opening Ceremony:**

- 8.00 – 8.30 - Participants registration  
8.30 – 9.00 - Arrival of guests of honour  
9.00 – 9.15 - Speech by Prof. Fredolin Tangang, Chairperson Local Organizing Committee  
- Speech by Dr Yap Kok Seng, Director General, MMD  
- Speech by Prof. Yasunari, HyARC Nagoya University  
- Speech by Ir. Dr. Mohd Nor Mohd Desa, Director, HTC Kuala Lumpur.  
9.15 – 9.25 - Speech and opening by YBgh. Professor Dato' Dr. Sharifah Hapsah Syed Hasan Shahabudin, Vice Chancellor, Universiti Kebangsaan Malaysia.

**9.25 – 9.45 - Tea break**

**Plenary session:**

**Chairperson: Prof. T. Yasunari**

- 9.45 – 10.15 **Plenary Paper 1** Prof. K. Tsuboki - *Numerical simulations of heavy rainfall events in Malaysia in 2006/2007 using the cloud resolving model*  
10.15 – 10.45 **Plenary Paper 2** Prof. Fredolin Tangang -- *Climate Variability and its predictability over the Maritime Continent*  
10.45 – 11.15 **Plenary Paper 3** Dr. R.H. Kripalani -- *Projected Climate Change over the Asian domain: WCRP CMIP3 Multi-Model Simulations*

**Session I: Climate variability in Maritime Continent and Indo-Pacific Region I**

**Chairperson: Dr. R.H. Kripalani**

- 11.15 – 11.35 **Paper 4** Dr Yap Kok Seng – *The influence of regional SST on the South China Sea near equatorial vortices during northern winter monsoon*  
11.35 – 11.55 **Paper 5** Dr. Swadhin Behera – *Role of Tropical Oceans in Climate Variability and Change*  
11.55 – 12.15 **Paper 6** Dr Edvin Aldrian -- *Chaotic predictability and long term variability of the maritime continent climate*

**12.15 – 2.00 Lunch /Poster**

## Session II: Climate variability in Maritime Continent and Indo-Pacific Region II

Chairperson: Dr Edvin Aldrian

- 2.00 – 2.20 **Paper 7** Dr. PN. Vinayachandran – *The 2006 Indian Ocean Dipole and its possible influences on anomalous circulation over Maritime Continent*
- 2.20 – 2.40 **Paper 8** Dr Nobuhiko Endo --*Interannual variation of extreme precipitation over the Southeast Asia: Observation and Climate model simulations*
- 2.40 – 3.00 **Paper 9** Dr JJ Luo -- A dynamical prediction of ENSO, IOD and monsoon using coupled GCM

**3.00 - 3.20** **Tea Break / Poster**

## Session III: Climate Change

Chairperson: Dr. Anond Snidvongs

- 3.20 – 3.40 **Paper 10** Prof. Van-Thanh-Van Nguyen – *Downscaling Methods for Climate-Related Impact Assessment Studies*
- 3.40 – 4.00 **Paper 11** Dr Wan Azli Wan Hassan -- *Regional climate change over Southeast Asia region*
- 4.00 – 4.20 **Paper 12** Dr Talib Latif – *The global flux of surfactant and humic substances: its possible impact to climate change over Southeast Asia region*
- 4.20 - 4.40 **Paper 13** Assoc. Prof. Dr Joy Pereira -- *Climate Change Policy: Issues and Challenges*
- 4.40 – 5.00 **Paper 14** Dr Stephen Dorling - *TBA*

**5.00 – 6.00** **POSTER SESSION**

**8.00 – 10.00PM** **- Seminar Banquet (Tentatively at Palm Garden Hotel, IOI Resort Putrajaya)**

## DAY 2: February 27, 2008

### Session III: Long-term trend (Concurrent with Session IV)

Chairperson: Dr. SK Behera

- 8.30 – 8.50 **Paper 15** Dr Anond Snidvongs – *Increasing Trend of Low Latitude Tropical Cyclones in Southeast Asia*
- 8.50 - 9.10 **Paper 16** Dr Liew Juneng -- *Long term variation in the synoptic flow over the South China Sea during winter monsoon.*
- 9.10 - 9.30 **Paper 17** Prof. Aziz Jemain -- *Tracing changes in wet and dry spell over Peninsular Malaysia*
- 9.30 – 9.50 **Paper 18** Ir. Dr. Mohd Nor Mohd Desa – *Trend analysis of daily maximum rainfall for Peninsular Malaysia*
- 9.50 – 10.10 **Paper 19** Dr. Mika Ichino - *Extending time series of solar radiation into the past*

**10.10 – 10.30** **Tea Break / Poster**

### Session IV: Micro-Climate Change (Concurrent with Session III)

Chairperson: Dr Yap Kok Seng / Dr Wan Azli Wan Hassan

- 8.30 – 8.50 **Paper 20** Prof. Dato' Shaharudin Ahmad – *Urban heat island and climate change in Malaysia*
- 8.50 – 9.10 **Paper 21** Assoc. Prof. Dr. Kamil Yusof -- *TBA*
- 9.10 – 9.30 **Paper 22** -- *TBA*
- 9.30 – 9.50 **Paper 23** -- *TBA*
- 9.50 – 10.10 **Paper 24** Ir. Dr. Mohd Nor Mohd – *Environmental parameters monitoring for Kuala Lumpur*

**10.10 – 10.30 Tea Break / Poster**

**Session V: Extreme Weather Event I**

**Chairperson: Prof. Van-Thanh-Van Nguyen**

- 10.30 – 10.50 **Paper 25** Prof. K. Kodera - *Stratospheric impact on the equatorial convective activity*
- 10.50 – 11.10 **Paper 26** Prof Tetsuzo Yasunari -- *Impact the MJO and cold surges on the floods events in Malaysia/Indonesia*
- 11.10 – 11.30 **Paper 27** Dr. Wu Peiming - *Torrential rains over Jakarta caused by trans-equatorial cold surge and southern mid-level dry-air intrusion*
- 11.30 – 11.50 **Paper 28** Dr. Hiroshi Takahashi -*Long-lasting winter monsoon pressure surges during 2006-07 winter associated with the heavy rainfall events in Malaysia*
- 11.50 – 12.10 **Paper 29** Ms. Ester Salimun – *Simulation of Extreme precipitation episodes during the 2006/2007 flood in Malaysia using MM5 model.*
- 12.10 – 12.30 **Paper 30** Prof. Aziz Jemain – *Spatial and Temporal analysis of Extreme rainfall in Malaysia*

**12.30 – 2.00 Lunch / Poster**

**Session VI: Extreme Weather Event II (Concurrent with Session VII)**

**Chairperson: Dr. K. Matsuda**

- 2.00 – 2.20 **Paper 31** Dr. Liew Juneng – *Numerical Investigation of an Extreme Rainfall Event During a Period of 9-11 December 2004 over the East Coast Peninsular Malaysia*
- 2.20 – 2.40 **Paper 32** Mr. Atsushi Goto(JMA) - *Statistical analysis of the atmospheric circulation associated with heavy precipitation in Malaysia using JRA-25*
- 2.40 – 3.00 **Paper 33** Prof. Fredolin Tangang -- *MM5 simulated evolution and structure of tropical cyclone Vamei (2001)*
- 3.00 – 3.20 **Paper 34** Assoc. Prof. Dr Mastura Mahmud – *Precipitation forecasting of an extreme event: Tropical cyclone Vamei*

**3.20 – 3.40 -Tea Break / Poster**

**Session VII: Hydro-Meteorology I (Concurrent with Session VI)**

**Chairperson: Prof. Dato' Dr Shahrudin Ahmad**

- 2.00 – 2.20 **Paper 35** Prof. Khairuilmaini Osman Salleh – *Hydro-Meteorological changes and the Impact on Water Security Issues - A Study of Selected River Basins in Peninsular Malaysia*
- 2.20 – 2.40 **Paper 36** Dr. Anond Snidvongs - *Apparent Correlation between Seasonal Rainfall in Some Thailand Watersheds with Long Lead Oceanographic Indicators in Pacific and Indian Ocean*

- 2.40 – 3.00 **Paper 37** Paridah Anom Tahir – *Lessons learned from recent floods: what is our mitigation options.*
- 3.00 – 3.20 **Paper 38** Mr. Hideyuki Kamimera - *Radar-raingauge data integration: Case of West Sumatra*

**3.20 – 3.40** **Tea Break / Poster**

**Session VIII: Hydro-Meteorology II**

**Chairperson: Prof. K. Kodera**

- 3.40 – 4.00 **Paper 39** Assoc. Prof. Dr. Zulkifli Yusop-- *Hydrological considerations for adapting to climate change in Malaysia*
- 4.00 – 4.20 **Paper 40** Ir. Dr. Mohd Nor Mohd Desa – *Toward UNESCO IHP mid-term plan: 2008-2013.*
- 4.20- 4.40 **Paper 41** Dr. Kooiti Masuda - *Data management for MAHASRI and data integration studies*

**4.40 – 5.40** **Panel and General Discussion**

**5.40 – 6.00** **Closing Ceremony to be officiated by Dean of Faculty of Science and Technology**

**Day 3: 28 February 2008 (9.00 – 11.00)**

**Rountable Discussion (By invitation ONLY)**

**Venue:** Meeting Room, Faculty of Science and Technology, Universiti kebangsaan Malaysia