

CONFERENCE SCHEDULE

Day 1 (11 August 2016)

Time (MYT)	Programme
08:00 - 09:00	Registration
09:00 - 09:25	Opening and Welcome Remark Officiated by Prof. Dato' Dr. Sharifah Mastura Syed Abdullah Director of Institute of Climate Change (IPI), UKM
09:25 - 10:00	Keynote Speaker (I) : Prof. Dr. Mohd Talib Latif Title: <i>The composition of air pollutants during haze and non-haze episode in Southeast Asia</i> Moderator: Dr. Md Firoz Khan
10:00 - 10:15	Tea Break and Photo Session
10:15 - 12:45	Session I and Session II Parallel Session
12:45 - 14:00	Lunch Break and Poster Session
14:00 - 14:40	Keynote Speaker (II) : Prof. Dr. Colin Woodroffe Title: <i>Sea-level rise and the response of tropical shorelines</i> Moderator: Dr. Afishah Alias
14:40 - 14:45	Tea Break
14:45 - 17:00	Session III and Session IV Parallel Session
17.00	The end of conference programme

Day 2 (12 August 2016)

Time (MYT)	Programme
08:30 – 11.00	Session V and Session VI Parallel Session
10:45 – 12.00	Keynote Speaker (III) : Assoc. Prof. Dr. Wayan Suparta Title: <i>GPS TroWav and ANFIS Model To Support Weather Forecasting</i> Moderator: Dr. Sabirin Abdullah Closing Remarks by Assoc. Prof. Dr. Wayan Suparta General Chair 2016 International Conference on Science and Technology Applications in Climate (STACLIM 2016)
12.00	Lunch Break and Free Activity

*MYT is Malaysian Time (UTC/GMT+8 hours)

TECHNICAL PROGRAMME

Tuesday, 11 August 2016

Session I: Mathematic and Natural Science

Room Function 2 – Pacific Sutera (Level 3)

Moderator: Dr. Mohammad Rashed Iqbal Faruque & Dr. Anwar Fitrianto

Time	Author	Paper ID: Title
10:15 - 10:30	Farahana Kamarudin, Mohammad Redzuan Tahar, Nor Rafidah Saibaka and Long Ahmad Long Padang	STACLIM-2016-ASL-014: Relative Sunspot Number Observed from 2013 to 2015 at Langkawi National Observatory
10:30 - 10:45	Saeed Abioye Bello, Mardina Abdullah and Nurul Shazana Abdul Hamid	STACLIM-2016-ASL-021: Investigation of Ionospheric Minimum Frequency (fmin) at the Dip Equator
10:45 - 11:00	Mah Siau Man and Anwar Fitrianto	STACLIM-2016-ASL-030: Statistical Approach in Analyzing Acetylcholinesterase Inhibitor
11:00 - 11:15	Siti Aminah Ruslan, Noer Hartini Dolhaji, Asmah Awal, Mohamad Osman, Maheran Aziz and Roslan Mohamad	STACLIM-2016-ASL-026: Protoplast Isolation from Hibiscus Sabdariffa
11:15 - 11:30	Wong Hui Shein and Anwar Fitrianto	STACLIM-2016-ASL-031: A Comparative Study of Outliers Identification Methods Univariate Data Set
11:30 - 11:45	Osman Abu Bakr, Mark Ovinis, Fakhrudin Hashim, Mohammed Hamid and Osei Harrison	STACLIM-2016-ASL-046: Time Delay Estimation Using Continuous Wavelet Transform Coefficients
11:45 - 12:00	Anwar Fitrianto and Nor Sapinah Berahim	STACLIM-2016-ASL-029: Effects of Outliers in the Analysis of Taguchi Experiments
12:00 - 12:15	Nouf Abd Elmunim, Mardina Abdullah, Alina M. Hasbi and Siti Aminah Bahari	STACLIM-2016-ASL-020: Investigation on the Implementation of the Holt-Winter Method for Ionospheric Delay Forecasting
12:15 - 12:30	Wayan Suparta and Wan Nur Arina Wan Mohd Nor	STACLIM-2016-ASL-049: GPS TEC Variation During the Occurrence of Atmospheric Lightning Over Antarctica
12:30 - 12:45	Han Way Lee, E. S. Lim, M. S. Liew and Nawa Zawawi	STACLIM-2016-ASL-028: A Holt-Winters Exponential Smoothing Model of High Speed Current Events in the Sulu Sea
12:45 - 14:00	Lunch Break & Poster Presentation Session	

**Session II: Earth and Environmental Science,
Room Function 3 – Pacific Sutera (Level 3)
Moderator: Dr. Roslan Umar & Dr. Sabirin Abdullah**

Time	Speaker	Paper ID: Title
10:15 - 10:30	Nor Hazmin Sabri, Roslan Umar, Marhamah Mohd Shafie , Sharifah Nurul Aisyah Syed Zafar,Roshidah Mat and Zainol Abidin Ibrahim	STACLIM-2016-ASL-005: Weather Effect On The Tropospheric Radio Wave Propagation Below 9 Ghz In Kusza Observatory
10:30 - 10:45	Muhammad Imran, M.S. Liew, Mohd Shakir Nasif, Usama Muhammad Niazi and Airil Yasreen	STACLIM-2016-ASL-004: Hazard Assessment Studies on Hydrocarbon Fire and Blast: An Overview
10:45 - 11:00	Raden Kokoh Haryo Putro, Arie Dipareza Syafei, Rachmat Boedisantoso, Abdu Fadli Assomadi, Agus Slamet and Joni Hermana	STACLIM-2016-ASL-018: Characterizing Concentration of NO2 in Indonesia Using Satellite Instrument of GOME 2 MetOp-B
11:00 - 11:15	Floyd Rey P. Plando, Red M. Castilla, Edgar A. Vallar and Maria Cecilia D. Galvez	STACLIM-2016-ASL-011: Spectral-Temporal Variations and Wavelength Dependence of Aerosol Ångström Exponent over Manila, Philippines
11:15 - 11:30	Prane Mariel Ong, Maria Cecilia Galvez, Edgar Vallar and Tatsuo Shiina	STACLIM-2016-ASL-013: Wavelet Denoising Applied to LED Lidar Signal
11:30 - 11:45	Kristine Mae R. Carnicer, Red M. Castilla, Edgar A. Vallar and Maria Cecilia D. Galvez	STACLIM-2016-ASL-017: On the Variability of PWV and its Probabilistic Modeling of Precipitation Occurrence in Davao City
11:45 - 12:00	Nurul Shazana Abdul Hamid, Wan Nur Izzaty Ismail and Akimasa Yoshikawa	STACLIM-2016-ASL-022: Latitudinal variation of Ionospheric Currents in Southeast Asian Sector
12:00 - 12:15	Arjund Prakasan, Mark Ovinis and Yasar Javaid	STACLIM-2016-ASL-036: A Numerical Investigation of the Drag Forces on a Fleet of Underwater Gliders
12:15 - 12:30	Wayan Suparta, Wahyu Sasongko Putro and Mandeep Jit Singh	STACLIM-2016-ASL-034: An Assessment of Malaysian eArly warNing of Convective System (MANCIS) to Predict Thunderstorm Activities
12:30 - 12:45	Nur Fadhleena Ali, Baba Musta and Mohamed Ali Yusof Mohd Husin	STACLIM-2016-ASL-061: Hydrogeochemical Study on Carbonate Aquifer around FELDA Sahabat, Lahad Datu, Sabah, Malaysia
12:45 - 14:00	Lunch Break & Poster Presentation Session	

Session III: Technology**Room Function 2 – Pacific Sutera (Level 3)****Moderator: Dr. Muhammad Ameen Yahya & Dr. Mohammad Rashed I. F.**

Time	Author	Paper ID: Title
14:45 - 15:00	Muhammad Yasar Javaid , Mark Ovinis, Fakhruddin B M Hashim, Adi Maimun, Yasser M. Ahmed, Barkat Ullah	STACLIM-2016-ASL-025: Pure Heaving and Pure Pitching Motion of an Underwater Glider
15:00 - 15:15	Wendy Tham and Anwar Fitrianto	STACLIM-2016-ASL-068: Improved p-chart with One and Two Corrections
15:15 - 15:30	Zahari Awang Ahmad, Cheaw Wen Guey, Lim Tien Sze and Koo Voon Chet	STACLIM-2016-ASL-032: Scalable and Cost Effective High Resolution DEM Extraction Method for Slope's Stability Assessment
15:30 - 15:45	Rahimah Kassim and Nur Aziati Abdul Hamid	STACLIM-2016-ASL-035: The Integrated Framework of Cloud Computing Implementation in Higher Education Institution: A Review of Literature
15:45 - 16:00	Tito Yuwono and Angga Ade Putra	STACLIM-2016-ASL-052: Drive Test and Analysis of 3G WCDMA System Using Binning Technique Case Study: Yogyakarta Indonesia
16:00 - 16:15	Budi Mulyanti, Faizar Abdurrahman, Roer Eka Pawinanto, Agus Heri Setyabudi and Gandi Sugandi	STACLIM-2016-ASL-053: Fabrication Of Polymer Optical Fiber As Intrinsic Optical Sensor Using Etching Technique
16:15 - 16:30	Dedimuni Charmaine Nadeesha Chandrasena, Khamaruzaman Wan Yusof, Veranja Chandima Liyanapathirana, Muhammad Raza Ul Mustafa and Mustaffa Zahiraniza	STACLIM-2016-ASL-060: Blocked Drains Syndrome; Physical Degradation of the Storm Drainage System in a Compact City
16:30 - 16:45	Muhammad Ameen Yahya and K. B. Gan	STACLIM-2016-ASL-063: Development of Adjustable Dynamic Fetal and Maternal Phantom Mimicking With an Optical Sensing System
16:45 - 17:00	Abdulkarim Shalool, Nasharuddin Zainal, Kok Beng Gan, Cila Umat and Siti Zamratol Mai-Sarah Mukari	STACLIM-2016-ASL-067: Passive Noise Reduction Improvement By Modifying the Standard Audiology TDH-49 Headphone
17:00 - 17:15	Sytty Mazian Mazlan, Muhammad Rizal Razman and Kadir Arifin	STACLIM-2016-ASL-015: Occupational Safety and Health in Aspect Indoor Air Quality
17:15	Tea break and the end of parallel session	

**Session IV: Earth and Environmental Science,
Room Function 3 – Pacific Sutera (Level 3)
Moderator: Dr. Amin E. Khalil & Dr. Md. Firoz Khan**

Time	Author	Paper ID: Title
14:45 - 15:00	Nur Zulaikha Mohd Afandi, Roslan Umar, Nor Hazmin Sabri, Zamri Zainal Abidin, Zainol Abidin Ibrahim, Asnor Nadirah Ishak, Zulia Kurnia Dewi Nurlisman and Christian Monstein	STACLIM-2016-ASL-003: New Technique for Identification of Solar Radio Burst Type II and Type III for Monitoring Space Weather
15:00 - 15:15	Mohamed Ali Yusof Mohd Husin, Baba Musta, Fatimah Sudirman and Kongkea Phan	STACLIM-2016-ASL-043: Effect of Selected Heavy Metal on Groundwater Quality in Mekong River Basin Aquifer, Cambodia
15:15 - 15:30	Rhonalyn Vergara, Ernest Macalalad, Gerry Bagtasa, Edgar A. Vallar, Maria Cecilia Galvez and Raquel Francisco	STACLIM-2016-ASL-044: Correlation of Aerosol Optical Properties with Surface Meteorological Parameters over Manila
15:30 - 15:45	Rafidah Abd Malik, Mardina Abdullah, Sabirin Abdullah, Mariyam Jamilah Homam, Tatsuhiro Yokoyama and Clara Y. Yatini	STACLIM-2016-ASL-045: Prediction and Measurement of HF Radio Frequencies in Peninsular Malaysia and Comparisons With the IRI model
15:45 - 16:00	Amin E. Khalil, Mohd Nawawi, Karl Wagner, Hassan Baioumy, John S. Kayode, Kehinde Ishola, Abdullahi Abdul Rahman and Mohd Hariri Aiffin	STACLIM-2016-ASL-047: Application of Time Domain Electromagnetic and Magnetic Gradiometer Techniques to Delineate Water Leakage Site Along Buried Iron Pipe at Sungai Klah, Perak, Malaysia
16:00 - 16:15	Newati Wid, Rafidah Selaman and Marcus Jopony	STACLIM-2016-ASL-050: Enhancing Phosphorus Recovery from different Wastes by using Anaerobic Digestion Technique
16:15 - 16:30	Kartini Sukarno, Ag Sufiyan Abdul Hamid, Jedol Dayou, Jackson Chang H.W. and Fuei Pien Chee	STACLIM-2016-ASL-058 : Comparison Power Output Between Fixed And Perpendicular Solar PV Panel in Tropical Climate Region
16:30 - 16:45	Wayan Suparta and Siti Khalijah Zainudin	STACLIM-2016-ASL-055: Interaction between GPS Tropospheric Delay and Lightning Strike Frequency
16:45 - 17:00	Wayan Suparta and Muhamad Nur Syamim Idris	STACLIM-2016-ASL-065: Quantification of Thunderstorm Occurrence for Supporting Space Activities
17:00 - 17:15	Jaineh Lingi, Baba Musta and Mohamed Ali Yusof Mohd Husin	STACLIM-2016-ASL-066: Hydrogeochemistry Study of Groundwater in Labuan Island, Malaysia
17.15	Tea break and the end of parallel session	

Friday, 12 August 2016

Session V: Earth and Environmental Science Room Function 2 - Pacific Sutera (Level 1)

Moderator: Dr. Rodeano Roslee & Dr. Sabirin Abdullah

Time	Author	Paper ID: Title
08:30 - 08:45	Wayan Suparta and Siti Katrina Zulkeple	STACLIM-2016-ASL-064: Estimation of Thunderstorm Activity in Tawau, Sabah using GPS Data
08:45 - 09:00	O. Wan-Norafikah, C.D. Chen, M.H. Mohd-Amir, A.H. Azahari, A.H. Zainal-Abidin, W.A. Nazni, M. Mariam, J. Mohd-Shahizan and M. Sofian-Azirun	STACLIM-2016-ASL-070: Mosquito Larval Surveillance in a Rice Field in Tanjung Karang, Selangor, Malaysia
09:00 - 09:15	Ahmad Ridzuan Bin Mohammed Shariff	STACLIM-2016-ASL-072: Early Results of Using the Wind Steadiness Index to Identify Malaysian Northeast Monsoon Onset and Withdrawal: 2011-2015
09:15 - 09:30	Rodeano Roslee, Kawi Bidin, Baba Musta and Sanudin Tahir	STACLIM-2016-ASL-074: Integration of GIS in Estimation of Soil Erosion Rate at Kota Kinabalu area, Sabah, Malaysia
09:30 – 09:45	Zahira Mohd Radzi, Farahana Kamaruddin, Mohd Helmy Hashim, Asnor Nadirah Ishak, Mohammad Redzuan Tahir, Zulia Kurnia Nurlisman and Nor Rafidah Saibaka	STACLIM-2016-ASL-069: Space Weather Monitoring Using Facilities in National Space Agency
09:45 - 10:00	Nurul Syafiqah Mohamad, Kalaivani Chellappan and Wayan Suparta	STACLIM-2016-ASL-033: Diurnal and Seasonal Variation of TEC at Langkawi and Unimas Stations
10:00 - 10:15	Rohaida Mat Akir, Mardina Abdullah, Kalaivani Chellappan, Alina M. Hasbi and Siti Aminah Bahari	STACLIM-2016-ASL-051: Comparative study of TEC for GISTM station at Peninsular Malaysia region for a period January 2011 to December 2012
10:15 - 10:30	Wayan Suparta, Kemal Maulana Alhasa and Mandeep Singh Jit Singh	STACLIM-2016-ASL-054: Preliminary Development of Greenhouse Gases System Data Logger Using Microcontroller Netduino
10:30 - 10:45	Haris Hafizal Abd Hamid and Narayanan Kannan	STACLIM-2016-ASL-010: Distribution of gas phase polycyclic aromatic hydrocarbons (PAHs) in selected indoor and outdoor air samples of Malaysia
10:45 - 11:00	Nurul Shazana Abdul Hamid, Wan Nur Izzaty Ismail and Akimasa Yoshikawa	STACLIM-2016-ASL-038: Longitudinal Profile of EEJ Current and Its Dependence on Solar Activity
11:00	The End of Parallel Session	

Session VI: Others and Technology, Room Function 3 – Pacific Sutera (Level 3)**Moderator: Dr. Harimi Djamila & Dr. Md Firoz Khan**

Time	Author	Paper ID: Title
08:30 - 08:45	Bagong Suyanto and I Gede Wahyu Wicaksana	STACLIM-2016-ASL-024: Climate Change Impact on Poverty Reduction in Indonesia; A Critical Intermestic Approach
08:45 - 09:00	Harimi Djamila and Tay Lee Young	STACLIM-2016-ASL-056: Impact of Climate on Thermal Comfort
09:00 - 09:15	Roslina Ahmad Faisal, Noriah Mohd Ishak, Jamaliah Hamdan, Mohd Hakimie Zainal Abidin, Mhd Subhan, Mazliza Mohtar and Yee Siew Kuan	STACLIM-2016-ASL-075: Satisfaction Towards Counseling Services And Its Relationship With Psychological And Social Well- Being Among Gifted Students
09:15 - 09:30	Fuei Pien Chee, Anand Kumar Tiwari, Afishah Alias, Saafie Salleh and Haider F. Abdul Amir	STACLIM-2016-ASL-023: A comparative Study between X-rays and Gamma-rays Irradiation on Electrical Characteristics of Bipolar Junction Transistors (BJTs)
09:30 – 09:45	M. Mohamad, M. S. Liew, K. U. Danyaro and E. S. Lim	STACLIM-2016-ASL-039: Implementation of Attenuation Equations for Seismic Hazard Assessment in Malaysian Water
09:45 - 10:00	Kellie Miandal, Hoh Hang Tak, Khairul Anuar Mohamad, Fuei Pien Chee and Afishah Alias	STACLIM-2016-ASL-027: Spin Rate Dependence Of Poly(triarylamine) (PTAA) Thin Film Deposited By Spin Coating Method
10:00 - 10:15	Arif Murti Rozamuri and Nur Riza Mohd Suradi	STACLIM-2016-ASL-059: External Factors Influence School Performance Model in Dumai-Riau-Indonesia
10:15 - 10:30	Wan Muhammad Luqman Wan Rosdi, Wan Muhamad Amir W Ahmad, Nurfadhlina Abdul Halim, Nor Azlida Aleng, Zahila Ali, Ruhaya Hasan, Syerrina Zakaria and Kasypi Mokhtar	STACLIM-2016-ASL-002: An Alternative Method for Logistic Regression Modelling: Algorithm for Weighted and Bootstrap Logistic Regression
10:30 - 10:45	Shamsul Rahman Mohamed Kutty, Ibrahim Umar Salihi, Mohamed Hasnain Isa and Khamaruzaman Wan Yusof	STACLIM-2016-ASL-016: Removal of Zinc from Aqueous Solution Using Sugarcane Bagasse Ash
10:45 - 11:00	Fauziah Sulaiman and Elya Alias	STACLIM-2016-ASL-042: Optimisation Frequency Design of Eddy Current Testing: A Preliminary Proposed Study
11:00	The End of Parallel Session	

Poster Presentation Sesion		
PIC: Dr. Afishah Alias & Dr. Mohammad Rashed Iqbal Faruque		
Time	Author	Poster ID: Title
12.45-14.00 (11 August 2016)	Wayan Suparta	STACLIM-2016-PO-001: GPS TroWav: A Tool to Support Weather Forecasting
	Wayan Suparta & Kemal Maulana Alhasa	STACLIM-2016-PO-002: UKM Meteorological Monitoring System for Weather Forecasting
and/or	Wayan Suparta	STACLIM-2016-PO-003: UKM GPS and Meteorological System at UMS Kota Kinabalu Sabah for ENSO Studies
10.15-11.00 (12 August 2016)	Ismail B.S., Haron S.H. & Samat H.A.	STACLIM-2016-PO-007: Distribution of Two Pyrethroid Insecticides in the Total Suspended Particulate Matter and Gaseous Phase of the Air at Bangi, Selangor

Poster should be placed in the provide board before 10.00am on 11 August 2016. For the representing author, please get ready in the front of your poster.