

4th ACAM WORKSHOP POSTER PRESENTATIONS

- There are two poster sessions on 26 and 27 June 2019, respectively, preceded by a brief oral introduction session (1 min, 1 slide for each poster; see workshop agenda). However, all posters will be displayed during the entire ACAM workshop
- The poster size is A1 (594 mm width x 841 mm height, or 23.4 x 33.1 in), portrait orientation

POSTER SESSION 1 (introduction on Wednesday, 26 June 2019)

#	First Name	Last Name	Title
1.01	Nor Diana	Abdul Halim	Spatial Air Quality Assessment using Statistical Tools in Mega Urban Region, Malaysia
1.02	Anis Asma	Ahmad Mohtar	Validation of Near Surface Ozone and Particulate Matter over Malaysia: CAMS Reanalysis and Ground Based Measurement
1.03	Morshad	Ahmed	Aerosol Composition and its Health Impact in a Highly Polluted Mega City in Southeast Asia (Dhaka, Bangladesh)
1.04	Furqon	Alfahmi	Atmospheric Composition Variability (CO ₂ , O ₃ , NO ₂) over Bogor City Indonesia and Its Relations with Monsoonal Rainfall and Social Activity
1.05	Muhammad	Arif Rahman	Smoke Plumes Observation using Doppler Radar C-Band in Forest Fires Event in Central Kalimantan
1.06	Amara	Aziz	Exploring seasonal variation and temporal trend of Tropospheric Column Ozone and its precursors by exploiting satellite observations
1.07	Nor Hafizah	Baharudin	Air Quality Modelling for Kuala Lumpur Using A New Generation Urban Scale Dispersion Model
1.08	Grace	Betito	Characterization of fine particulate matter in an urban mixed background and traffic sites in A Southeast Asian Megacity: A Case Study of Metro Manila, Philippines
1.09	Quynh	Bui Thi Nhu	The application of sensors in air pollution monitoring in Ho Chi Minh city, Vietnam
1.10	Arti	Choudhary	Characterization of Trace gases and Green House Gases in Megacity New Delhi
1.11	LAKHIMA	CHUTIA	Regional Scale Modeling of Secondary Organic Aerosols over Indian Subcontinent Using WRF-CHEM during Winter
1.12	Le	Dang	Applying METI-LIS Model to Calculate Dispersal of Air Pollutants from industry in le Minh Xuan Industrial Zone, Ho Chi Minh City
*1.13	Sachin	Ghude	Advanced Air Quality Early Warning System for Delhi (AQWS) using chemical data assimilation
1.14	Sachiko	Hayashida	New project "Aakash" aiming at reduction of crop-residue burning in North India: interdisciplinary approach toward clean air, public health and sustainable agriculture
1.15	Ngo	Hung	Mobile Emission & Air Quality in Hanoi
1.16	Truong Thi	Huyen	Development of Air Pollution Emission Inventory for Shipping Activities in Ha Long Bay, Vietnam
1.17	Farah	Jeba	Monitoring of Polycyclic Aromatic Hydrocarbons (PAHs) in Atmospheric Suspended Particulate Matters collected from Rural Bhola island in Bangladesh
1.18	Jae	Kim	Validation of OMI HCHO data and its analysis over Asia
1.19	Nguyen Huy	Lai	Development of Emission Inventory for Air Pollutants from Residential Combustion in Vietnam

1.20	Yutaka	Matsumi	Application of accurate compact PM2.5 sensors in Asian countries
1.21	Alaa	Mhawish	Insights on major aerosol types and vertical distribution at two pollution hotspots over South and Southeast Asia during Asian monsoon
1.22	MANISHA	MISHRA	Seasonal Variability of Carbonaceous Aerosols at a Highly Populated Urban Site of Central IGP Region
1.23	Norfazrin	Mohd Hanif	Enhanced chlorinated very short-lived substances in East Asia: Potential source regions and source types
1.24	Samiha	Nahian	Characterization of atmospheric fine particulate matter at indoor environment of several residential homes in Dhaka, Bangladesh
1.25	Abdullah Al	Nayeem	Spatiotemporal Variation of Brick Kilns and Its relation to Ground-Level PM2.5 through MODIS Image at Dhaka District, Bangladesh
1.26	Maggie Chel Gee	Ooi	Numerical Prediction of role of ENSO on the Transport of Biomass Burning Plume from Northern Southeast Asia to Mountain Site in Taiwan
1.27	Didin Agustian	Permadi	Co-benefits of black carbon emission reduction measures on air quality and climate forcing in Southeast Asia
1.28	Supaporn	Prasomboon	Weather Research and Forecasting/Chemistry Model for Ground Level Ozone Study in Bangkok Metropolitan Region, Thailand
1.29	Srikanthan	Ramachandran	Aerosol Optical Properties and Radiative Effects over South Asia
1.30	Dipesh	Rupakheti	Investigation of heavy haze events over the Buddha's birthplace
1.31	Abdus	Salam	Overview of the Atmospheric Pollution (Particulate matters, Rain and Fog) in Urban and Rural locations in Bangladesh: Characterization and Human Health Impact
1.32	Rasheda Aktar	Samiha	Analysis of tropospheric ozone-enhanced layers and water vapour above Bhola Island, Bangladesh
1.33	Wiwiek	Setyawati	Carbon flux related to Peatland Use Change in Indonesia
1.34	Muhammad Zeeshaan	Shahid	Analysis of adense haze event over North-eastern Pakistan using WRF-Chem model and remote sensing
1.35	Muhammad Ahmed	Subhani	Monitoring of glyoxal column densities in different forest types of Pakistan by using MAX-DOAS
1.36	Salman	Tariq	Remote sensing of aerosol properties during post monsoon intense haze and pre-monsoon dust storm over a mega-city of Lahore (Pakistan)
1.37	Narisara	Thongboonchoo	The Study on Dispersion of Pollutants from Wildfire in The Northern Thailand Using WRF-Chem Model
1.38	Pravash	Tiwari	Overview of winter air quality in Pokhara Valley, Nepal during the airborne measurements
1.39	Ngoc	Vu	Development of Emission Inventory for Air Pollutants in Hanoi Metropolitan Region 2015 for Air Quality Modelling and Health Effect Assessment
1.40	Shuo	Wang	Characterizing the measures vertical profile of aerosols and trace gases using remote sensing, and combining these results with a bottom-up source model using WRF- CHEM with a plume rise model
1.41	Saraswati	Yadav	Characteristics of gaseous and particulate ammonia and their role in the formation of secondary inorganic particulate matter at Delhi, India
1.42	Chi-Fu	Yeh	Three years of atmospheric gaseous and particulate mercury measurement in Taiwan
1.43	Zibing	Yuan	Reconciliation of Discrepancy in Ozone Formation Regimes Retrieved from Observation-Based Model and Numerical Model in Shanghai, China
1.44	Mohd Famey Bin	Yusoff	Long term trend and variability of nocturnal surface ozone in Malaysia

1.45	Muhammad	Zahid	Assessment of trace elements and source apportionment in urban atmosphere of Faisalabad, Pakistan
1.46	Naila	Zeb	Performance Evaluation of VAR Model to Forecast Atmospheric Carbon monoxide and Ozone over regions lacking air quality monitoring networks

*Presented by Sreyashi Debnath

POSTER SESSION 2 (introduction on Wednesday, 27 June 2019)

#	First Name	Last Name	Title
2.01	B.	Abish	Aerosol induced upper tropospheric cooling and its impact on the Indian summer monsoon circulation
2.02	Bhupesh	Adhikary	Transport of black carbon from planetary boundary layer to free troposphere on a seasonal scale over South Asia
2.03	Ghouse	Basha	Asian monsoon influence on dynamics and composition variability anticyclone in UTLS region
2.04	Hemraj	Bhattarai	Nitrogenous aerosols in Tibetan Plateau, where do they come from?
2.05	Adriana	Bossolasco	Studies of the impact of Asian Summer Monsoon convection on the aerosol and chemical composition on the Asian Tropopause Aerosol Layer (ATAL)
2.06	Xi	Chen	Rapid transport of polluted compositions in UTLS during the Beijing 7.21 torrential rainfall event
2.07	Jiao	Chen	Water vapor variability in the Asian summer monsoon lower stratosphere from satellite observations and transport model simulations
2.08	Sishir	Dahal	Seasonal variability of atmospheric aerosol characteristics over Birtamode using Microtops II sun photometer observations and validation of MODIS aerosol products
2.09	Papori	Dahutia	Investigation of aerosol and cloud subtypes present at higher altitudes over the Himalayan foothills
2.10	Sreyashi	Debnath	Impact of future air quality on public health and Indian Summer Monsoon rainfall
2.11	Jie	Gao	Aerosol influences on radiative heating rates within the Asian tropopause aerosol layer
2.12	Masatomo	Fujiwara	Investigation of transport processes associated with the Asian summer monsoon circulation using balloons, lidars, and aircrafts - Collaboration with the ACCLIP
2.13	Juanxiao	Gong	Diurnal and seasonal variability of AOD in Tibet Plateau: Comparison of MODIS Collection 6.1 data and ground measurements
2.14	Sreeharsha	Hanumanthu	CLaMS backward trajectory analysis of the air mass composition of the Asian Tropopause Aerosol Layer (ATAL) using COBALD Instrument Aerosol Back-Scatter Ratio measurements in August 2016, Nainital
2.15	Hanashriah	Hassan	Seasonal Carbonaceous Abundances and Ionic Species of PM2.5 in Petaling Jaya Urban City
2.16	Mattie	Hibbs	Analysis of Rainfall Trends over Thailand Summer Monsoon and Related Dynamics Based on WRF-Chem Model Simulations
2.17	Liew	Juneng	Projected Changes of Surface Climate and Associated Circulations over the Southeast Asia Regions in the CORDEX-SEA multi-model Simulations
2.18	Ralph	Lehmann	Model calculations of the contribution of tropospheric SO ₂ to the stratospheric sulfur budget
2.19	Dan	Li	Dehydration and low ozone in the tropopause layer over the Asian monsoon caused by tropical cyclones: Lagrangian transport calculations using ERA-Interim and ERA5 reanalyses data

2.20	Qian	Li	Distribution and variation of CO in UTLS over Tibetan Plateau
2.21	Qing	Liang	Surface to the upper troposphere and lower stratosphere transport of trace gases in the Asian summer monsoon and the Western Pacific warm pool: A conceptual analysis model
#2.22	Marianne	Lund	Climate response to patterns of SO ₂ and BC emissions in South and East Asia
2.23	Rolf	Muller	Aerosol measurements in Nainital, India in 2016
2.24	Tang	NanJun	Interannual anomalies of the upper tropospheric water vapor mass and its formation analysis over the Tibetan Plateau area in summer
#2.25	Jessica	Neu	Influence of Convective and Microphysics Parameterizations on the Climatology and Variability of the Asian Summer Monsoon Anticyclone in the Community Earth System Model
2.26	Amit	Pandit	Balloon-borne Measurements of Microphysical and Optical Properties of Cirrus Clouds over Hyderabad during the Summer Asian Monsoon
2.27	Shantanu Kumar	Pani	Chemical, optical, and radiative properties of biomass-burning aerosol during intense fire events at a near-source region in Southeast Asia
2.28	Kirpa	Ram	Rainwater chemistry over an urban site, Varanasi in the Indo-Gangetic plain (IGP): Impact of anthropogenic aerosol emissions
2.29	Saginela	RavindraBabu	Indian summer monsoon onset signatures on the tropical tropopause layer
2.30	Hosun	Ryu	Impact of the Asian monsoon on ozone variability in the tropical tropopause layer
2.31	Akhil Raj	S T	Upper Troposphere-Lower Stratosphere Trace Gas Response to the Asian Summer Monsoon Circulation
2.32	Fasiha	Safdar	Effect of Radiative Flux and Clouds Radiative Effect on Variability of Monsoon Precipitation over Pakistan
2.33	Michael	Schwartz	UTLS composition variability associated with modes of the Asian monsoon anticyclone
2.34	Lailatus	Siarni	Aerosol of Forest Fire in Kalimantan (Indonesia) on 2018
2.35	Prashant	Singh	Carbonaceous aerosols from open burning and its impact on regional weather in South Asia.
2.36	Vanisa	Surapipith	Observation and Modeling the Direct/Indirect Effects and Feed-backs of Aerosols on Monsoon over Thailand and South China
2.37	Fredolin	Tangang	Possible Combined effects of unmitigated future climate change and El Nino over Maritime Continent
2.38	Abin	Thomas	Increasing trend of aerosol loading over peninsular India and adjoining Seas
2.39	Taku	Umezawa	Asian summer monsoon signatures observed by the CONTRAIL commercial airliner measurements
2.40	Cheng	Yuan	Interannual Variability of Asian Tropopause Aerosol Layer (ATAL) and Asian Summer Monsoon Evolution

#Canceled