



NCAR



ICIMOD
30



Workshop on Atmospheric Composition and the Asian Summer Monsoon (ACAM)

POSTER SESSIONS

Topic 1 Posters – Emissions and Air Quality

First Name	Last Name	Country	Affiliation	Title of Poster
Pradip	Bhuyan	India	Dibrugarh University	Characteristics of ozone and precursor gases measured at a location in North East India
Satish Kumar	Dixit	India	ICFAI University Raipur	Assessment of particulate matter present in the atmosphere aerosol and its adverse health effects
Sachin	Ghude	India	Indian Institute of tropical Meteorology	OMI based top-down NO _x emission estimates over India
Fahim Akhtar	Khokhar	Pakistan	Institute of Env. Science and Engineering	First car MAX-DOAS measurements of NO ₂ and HCHO column densities along the N5-highway of PK
Tatsuya	Nagashima	Japan	National Institute for Environmental Studies	Source-Receptor analysis of surface ozone in Southeast Asia with global CTM

Manish	Naja	India	ARIES	Ozone soundings from the central Himalayas: Influences of regional pollution and other processes
Pakpong	Pochanart	Thailand	School of Social and Env. Development, Nat'l Inst. of Devel. Admin.	Air pollution in Bangkok during 2011 Thailand floods
Prasannavenka tesh	Ramachandran	India	Doctoral Research Scholar	Short-term variation in air quality of Chennai associated with the firework event 2012 - A case study
Anjum	Rasheed	Pakistan	Fatima Jinnah Women University, The Mall, Rawalpindi 46000, PK	Ambient air quality of Islamabad: A monitoring based analysis
Muhammad Zeeshaan	Shahid	China/ Pakistan	Institute of Atmospheric Physics, Chinese Academy of sciences, Beijing	Numerical simulation of diurnal variation of major pollutants with WRF-Chem model over Pakistan
Rajeev Kumar	Singh	India	Department of Geophysics, Banaras Hindu University, Varanasi	Atmospheric forcing due to fireworks aerosols
Manoj K	Srivastava	India	Dept. of Geophysics, Banaras Hindu University, Varanasi	Black carbon aerosol at Varanasi, India (25° 20' N, 83° 00' E)
Vanisa	Surapipith	Thailand	ICIMOD	Integrated assessment of air quality monitoring, emission inventory and modelling in Thailand
Narisara	Thongboonchoo	Thailand	King Mongkut's Institute of Technology Ladkrabang	The 2010 based year, detailed emission inventory for Thailand
Suresh	Tiwari	India	Indian Institute of Tropical Meteorology New Delhi	Variability in soot particle (Black Carbon) and its association with weather conditions over Delhi, India
Robert	Yokelson	USA	University of Montana	Trace gas and particle emissions from kilns, cooking fires, and garbage burning measured in Mexico and laboratory simulations: Planned work in Nepal and Bhutan

TOPIC 2 Posters – Aerosols and Clouds

Bilkis Ara	Begum	Bangladesh	Bangladesh Atomic Energy Commission	Monitoring of PM ₁₀ , PM _{2.5} and black carbon concentrations at urban environments in Bangladesh
Arup	Borgohain	India	North Eastern Space Applications Centre, Dept. of Space, Govt of India, Umiam-793103, Meghalaya	Regional characterization of air pollution over North Eastern Region of India: Its impact on seasonal precipitations
Farrukh	Chishtie	Pakistan	Institute of Space Technology, Dept. of Space Science, Islamabad	Utilizing CALIPSO observations towards studying aerosol effects on precipitation events in Pakistan
Paolo	Cristofanelli	Italy	ISAC-CNR	Mineral dust transport at the Nepal Climate Observatory – Pyramid (27°57' N, 86°48' E, 5079 m a.s.l.)
Dimitris	Kaskaoutis	India	School of Natural Sciences, Shiv Nadar University, Greater Noida, NCR – 201301	The role of meteorology in the accumulation of aerosols over Ganges Basin: Climate implications during severe aerosol episodes
Zoe Lucia	Lüthi	China/ Switzerland	ITP CAS	Carbonaceous aerosols from three sites in central Nepal during monsoon and non-monsoon seasons
Jan Bai	Nee	Taiwan	National Central University, Taiwan	Monthly distribution of cirrus clouds for understanding formation mechanism
Ajay Kumar	Patel	India	Indian Institute of Technology (IIT) Bombay, Mumbai, Maharashtra	Dual polarization Lidar for remote sensing of aerosols and clouds in the atmosphere
Binita	Pathak	India	Centre for Atmos. Studies, Dibrugarh University, Assam	Spatial variability in ARF during pre-monsoon and monsoon seasons of 2009 and 2010
Sachchidanand	Singh	India	CSIR-National Physical Laboratory, New Delhi	Spatial heterogeneity and long-term trends in UV irradiance over Indian Region/Seasonal variation of direct radiative effects of aerosols in the UV, visible and IR region at an urban IGP location
P.R.	Sinha	India	TIFR, Balloon Facility [National Ctr of the Govt. of India for Nuclear Sci & Math, Dept. of Atomic Energy] Hyderabad	Aerosol vertical distribution and their modification in the atmosphere over a tropical urban station Hyderabad, India

TOPIC 3 Posters – Convection and Chemistry

Gregory	Tripoli	USA	University of Wisconsin – Madison	The energetics of tropical convection and potential energy storage in the overworld
Xiaolu	Yan	China	Chinese Academy of Meteorological Sciences	Aura Microwave Limb Sounder upper tropospheric and lower stratospheric H ₂ O and O ₃ validation over Tibetan Plateau and its adjacent region during the boreal Summer

TOPIC 4 Posters – UT/LS

Suvarna	Fadnavis	India	Indian Institute of Tropical Meteorology, Pune, India	Transport of aerosol pollution in the UTLS during Asian summer monsoon as simulated by ECHAM5-HAMMOZ model
Paul	Konopka	Germany	Forschungszentrum Juelich	Stratosphere-Troposphere Exchange (STE) driven by the Asian summer monsoon: Implications for the stratospheric budget of water
Markus	Kunze	Germany	Freie Universität Berlin	Impact of the Indian Ocean Dipole Mode on water vapour and ozone in the UTLS as simulated by chemistry climate models
Jiali	Luo	China	Lanzhou University	Anomalous signals around the tropopause and characteristics of stratosphere-troposphere exchange during the Meiyu Season
Rolf	Müller	Germany	Forschungszentrum Jülich, (IEK-7)	Water vapor trends in the upper troposphere and lower stratosphere, trend uncertainties and the resulting radiative forcing
Eriko	Nishimoto	Japan	Kyoto University	Response of temperature around the tropical tropopause to the convective activities
Jonathon	Wright	China	Tsinghua University	Effects of differences in reanalysis diabatic heating on transport and composition in the Asian monsoon anticyclone
Kai	Zhang	USA	University of Texas at Austin	Influences of Asian Monsoon on the decadal variation of the Upper Troposphere and Lower Stratosphere water vapor