

Program of the Aakash Workshop FY2022

28-29 March, 2023

Casuarina Hall, India Habitat Centre, New Delhi

DAY1

	Time (IST)	min.	Name	Title
Opening	9:00	Hall Open		
		Registration		
	9:30 - 10:00	30	Sachiko Hayashida	Overview of Aakash project for the three years
Session-1 WG1-a (10:00 - 11:00)				
Chair by Kamal Vatta	10:00-10:15	15	Kamal Vatta	PAU report : in-situ straw management
	10:15-10:30	15	Haruhisa Asada	Socio-ecological conditions of the stubble burning in selected villages in Punjab
	10:30-10:45	15	Rumiko Murao	The Innovation of crop residue management at the farm level in Punjab
	10:45-11:00	15	Arindam Samaddar	Interim report of the data collection and the interview of the qualitative study on the crop-livestock system in Punjab of India
	11:00 - 11:30	30	Tea break	
Session-2 WG1-b (11:30 - 12:30)				
Chair by Kazuyuki Inubushi	11:30 - 11:50	20	Chandra Mohan Diptanu Banik	Progress report of LPU experiments
	11:50 - 12:10	20	Kazuyuki Inubushi Shigeto Sudo	Comments
	12:10 - 12:30	20	Shigeto Sudo	Biochar project
	12:30 - 14:00	90	Lunch	
Session-3 WG2 (14:00 - 16:15)				
Chair by Prabir Patra	14:00-14:10	10	Yutaka Matsumi	Developments of compact in-situ atmospheric instruments for PM _{2.5} , CO and O ₃
	14:10-14:30	20	Tanbir Singh	Intensive campaign to investigate severity of crop residue burning attributed PM _{2.5} over Northwest Indo-Gangetic Plain using in-situ sensors network
	14:30-14:40	10	Tomoki Nakayama	Quality and potential applications of gas sensor data obtained by sensor network over Northwest Indo-Gangetic Plain
	14:40-14:45	5	Discussion	
	14:45-15:00	15	Surendra K. Dhaka	Variability of particulate matter over the Delhi region in the last decade: Analysis on different time scales
	15:00 - 15:30	30	Tea break	
Chair by Prabir Patra	15:30 - 15:45	15	Narendra Singh	PM _{2.5} Monitoring from Himalayan CUPI-Network in Uttarakhand, India
	15:45 - 16:00	15	MS Bhatti	PM _{2.5} and CO relationship during crop residue burning season (Oct-Nov. 2022)
	16:00 - 16:15	15	Mizuo Kajino	Present modelling challenges for Indian air pollution studies
Short break				

Ceremony & Banquet		
Ceremony	16:30 - 17:45	Greetings from Guest of Honor
	18:00	Close the hall
Banquet	19:30	Venue: Marigold Hall
End of DAY1		

DAY2				
Invited Talks				
	Time (IST)	min.	Name	Title
WG1 Chair by Haruhisa Asada	9:00 - 9:30	30	Kamal Vatta	Sustainable Solutions for Paddy Stubble Management in Punjab
	9:30 - 10:00	30	Kazuyuki Inubushi	Sustainable agriculture in India from a soil-scientific viewpoint
	10:00 - 10:30	30	Tea break	

WG2 Chair by Sachiko Hayashida	10:30 - 10:50	20	Prabir Patra	Review of air pollution studies: background of the project and current targets
	10:55- 11:15	20	SN Tripathi	Nationwide Air Quality Monitoring Combining Sensors Plus Satellite Images with AI & ML
	11:15 - 11:35	20	Sagnik Dey	Lancet studies on various aspects of air pollution and human health
	11:35 - 11:55	20	Kirpa Ram	Activities at BHU related to Aakash project
	12:00 - 13:30	90	Lunch	
WG2 Chair by Sachiko Hayashida	13:30 - 13:50	20	Tuhin Mandal	Air pollution modeling using WRF-Chem and health issues during COVID
	13:50 - 14:10	20	Lokesh Sahu	Volatile Organic Compounds - Study of primary emissions and photochemical processes
	14:10 - 14:30	20	Yutaka Matsumi	Various applications of compact atmospheric sensors for pollutants

Summarize of Workshop				
Chair by Sachiko Hayashida	14:30 - 15:30	60	General Discussion	
	15:30		Tea break	
	16:00		Greetings	
			Group meeting / Research discussion over tea	
	17:00		Close	

All presentations include time for Q&A

10 minutes	9min + 1min
15 minutes	12min + 3min
20 minutes	15min + 5min
30 minutes	25min + 5min