

# Aakash Project Workshop

July 27-28, 2023

RIHN Seminar room 3&4 (online hybrid)

July 27, 12:30-17:00(JST)/9:00-14:30(IST)

July 28, 9:00-12:30(JST)/5:30-9:00(IST)

DAY 1 July 27, Thu

12:30-12:35 Greeting from RIHN Makoto Taniguchi (Program Director, RIHN)

12:40-12:50 Research achievements & plan for FY2023 Prabir Patra (RIHN)

Topics from WG2 (12:50-14:20)

12:50-13:05 Trial of inverse modeling for cloudy events in 2019 and 2022  
Mizuo Kajino (MRI)

13:05-13:20 Simulation of PM2.5 using WRF-CMAQ  
Kazuyo Yamaji (Kobe Maritime Univ)

13:20-13:35 Satellite Observations of Straw Burning: Advantages and Uncertainties  
Sachiko Hayashida (RIHN)

13:35-13:50 Burned area detection and spatial resolution  
Kanao Muramatsu (Nara Women's University)

13:50-14:20 Discussion

14:20-14:30 Break

Topics from WG1 (14:30-16:00)

14:30-14:45 Report and plan of field survey  
Haruhisa Asada (Nara Women's University)

14:45-15:00 Rumiko Murao (RIHN)

15:00-15:15 Report and plan of cropping experiment at Lovely Professional University  
Chandra Mohan (LPU)/ Eiji Nishihara (Tottori University)

15:15-15:30 Research strategy of the field survey  
Kamal Vatta (Punjab Agricultural University)

15:30-15:40 Comments Kazuyuki Inubushi (Tokyo Agricultural University)  
Shigeto Sudo (NARO)

15:40-16:00 Discussion

16:00-17:00 General Discussion

DAY 2 July 28, Fri

Topics from CUPI task team (9:00-10:30)

9:00-9:20 Yutaka Matsumi (outline of observation campaign)

9:20-9:40 Natsuko Yasutomi (analysis of CUPI measurement data)

9:40-10:30 Discussion

Topics from WG1

10:30-10:50 Report of Household survey in Punjab  
Takahiro Sato (Hirosaki University)

10:50-11:00 Break

Topics from WG3 (11:00-12:30)

11:00-11:20 Research plan for FY2023  
Kayo Ueda (Hokkaido University)

11:20-11:40 Ravindra Khaiwal (PGIMER)

11:40-12:15 Discussion

12:15-12:30 Preparation of the Final Report  
Sachiko Hayashida (RIHN)