



Tokyo Polytechnic University

Wind Engineering - Joint Usage Research Center (WE-JURC) Open Seminar

Current research on atmospheric phenomena and climate associated with disasters in South Asia

<Scope of this seminar>

Various atmospheric and climatic phenomena such as heavy rainfall, cyclones and tornadoes have caused natural serious disasters in the South Asia. The comprehensive recognition is important for the reduction and the management of the damages. This seminar is proposed for the purpose of the following items,

- (1) The understanding of the fundamental mechanism of atmospheric and climatic phenomena according to the disasters
- (2) The discussion of the counter measures such as social activities and education and sharing of ideas and wisdom for the disaster prevention.

This seminar is held on under the collaborative works with Tokyo Polytechnic University.

Taiichi Hayashi (Center for Southeast Asian Studies, Kyoto University)

Yusuke Yamane (Faculty of education, Tokoha University)

Date: 20 February 2017

Place: Shinjuku NS building conference room (Shinjuku NS building, 2-4-1, Nishishinjuku, Shinjuku-ku, Tokyo 163-0813 JAPAN)

Time: 13:30 - 16:30

Program:

13:30 - 13:35 Opening speech (Yusuke Yamane, Tokoha Univ.)

13:35 – 13:55 Dr. A. Q. M. Mahub, Univ. of Dhaka, Bangladesh

13:55 – 14:15 Prof. Shakhawat Hossain, Jahangirnagar Univ. Bangladesh

Climate Variability, Extreme Rainfall Events and Landslide Hazards in the South Eastertern Folded Part of Bangladesh

14:15 – 14:35 Mr. Abdul Mannan, Bangladesh Meteorological Department., Bangladesh

14:35 – 14:55 Dr. Nasreen Akter, Bangladesh Univ. of Engineering and Technology, Bangladesh

Variability of Sea Salt Aerosol over the North Indian Ocean and Its Impact on atmosphere

14:55 – 15:05 Break

15:05 – 15:25 Rahul Mahanta, Cotton Univ. India

Intense Rainfall over Northeast India

15:25 – 15:45 Yusuke Yamane, Tokoha Univ. Japan

Estimation of Severe Local Storm Environment in Bangladesh using Reanalysis Data

15:45 – 16:05 Fumie Murata, Kochi Univ. Japan

Characteristics of Precipitation Systems Observed by Bangladesh Radars

16:05 – 16:25 Taiichi Hayashi, Kyoto Univ. Japan

Disaster of Cyclone in the Bay of Bangal and Its Counter Measure in Bangladesh and Myanmar

16:25 – 16:30 Concluding speech (Taiichi Hayashi, Kyoto Univ. Japan)