

DSS & CLIMATE CHANGE

Joint Research on Dust and Sand Storms
CHINA • JAPAN • KOREA + MONGOLIA

HOSTED BY

Ministry of the Environment, Japan
(MOEJ)
Ministry of Environment and Climate
Change of Mongolia (MECC)

20
AUG

THU • 12:00–13:30 (UTC+8)

UNCCD COP17 GREEN ZONE
ULAANBAATAR, MONGOLIA

Language: English/Mongolian with interpretation

PUBLIC
SEMINAR

DUST AND SAND STORMS IN A CHANGING CLIMATE

A public seminar on regional research and cooperation
across China, Japan, Korea and Mongolia.

PROGRAM

- Opening Remarks**
Ministry of Environment, Japan (MOEJ)
Ministry of Environment and Climate Change of Mongolia (MECC)
- Presentation on DSS research in China**
Dr. Zhirong Zheng (Chinese Research Academy of
Environmental Sciences, China)
- Presentation on DSS research in Japan**
Dr. Keiya Yumimoto (Kyushu University, Japan)
- Presentation on DSS research in Korea**
Ms. Young-Ah Kim (National Institute of Meteorological
Sciences, Korea)
- Presentation on DSS research in Mongolia**
Dr. Gomboluudev Purevjav (National Agency Meteorology and
Environmental Monitoring, Mongolia)
- Panel Discussions on the challenges on impact of
climate change on DSS**
Dr. Liang Li (China National Environmental Monitoring Centre)
Dr. Keiya Yumimoto
Ms. Young-Ah Kim
Academician Dagvadorj Damdin (Former special envoy on climate
change of Mongolia, Mongolian Academy of Sciences)
- Closing Remarks**
Ministry of Environment, Japan (MOEJ)

EVENT ACCESS



Seminar Concept Note



TEMM DSS PORTAL

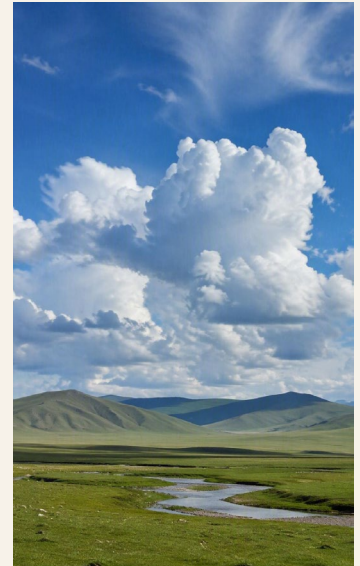
ABOUT THE SEMINAR

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01 BACKGROUND

Dust and Sand Storms (DSS) continue to pose significant environmental, health, and economic challenges across Northeast Asia, with impacts often extending beyond source regions through long-range transport. Since 2008, China, Japan, Korea together with Mongolia have collaborated under the Tripartite Environment Ministers Meeting (TEMM) framework to improve DSS monitoring, forecasting, scientific understanding, and information sharing.

As climate change increasingly influences DSS occurrence, intensity, transport patterns, and impacts through changes in temperature, precipitation, vegetation, and extreme weather events, a deeper understanding of these interactions has become essential. This public seminar, held in conjunction with UNCCD COP17, will bring together researchers, policymakers, and practitioners to share recent findings, discuss emerging challenges, and explore opportunities for strengthening regional cooperation and future joint research on climate change and DSS.



02 OBJECTIVES

1

SHARE

Recent scientific knowledge on the linkages between Dust and Sand Storms (DSS) and climate change.

2

EXCHANGE

Experiences and research progress among China, Japan, Korea, and Mongolia on DSS monitoring, assessment, and prediction.

3

ENHANCE

Mutual understanding of climate change-related DSS issues in Northeast Asia.

03 VENUE

TSAGAADAI HALL

ROOM 170

UNCCD COP17
ULAANBAATAR, MONGOLIA



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