

# **Web Workshop on Dust and Sand Storms: Sub-seasonal to Seasonal forecast and Long-term Variations 30 Sept. 2021**

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## **- An Outreach Session of Tripartite Environmental Ministers Meeting Joint Research on Dust and Sand Storms, Working Group I Extended Workshop --**

### ■ **Aims of the Dust and Sand Storms Working Group I Extended Workshop**

China, Korea and Japan have been exchanging research outcomes on dust and sand storms (DSS) under Tripartite Environmental Ministers Meeting (TEMM) since 2007. This Joint Research has two Working Groups. The Working Group I (DSS WGI) which focuses on DSS monitoring and modelling to improve early warning systems of DSS has been exchanging scientific data and cutting-edge knowledge, and experts belonging to the WGI have been producing research articles to international journals. The Working Group II (DSS WGII), which researches on countermeasures in the DSS source areas, conducted joint field surveys in Inner Mongolia and experiment with possible countermeasures.

Having more than a decade of the joint research, both the WGs have added new elements into their research. For example, the DSS WGI has started discussing DSS considering sub-seasonal to seasonal (S2S) forecast and long-term variation, and the WGII has been strengthening its role to provide a scientific platform for information exchange among the experts.

In this context, Japan, the host country of the DSS WGI Meeting in 2021, is going to hold a WGI Extended Workshop on 28-30 September 2021, to exchange the latest research related to DSS and its S2S forecast and long-term variation, and to foster the DSS WGI as the platform of experts to outreach to a wider research community.

The TEMM DSS WGI invites DSS researchers and experts from other organisations and institutions over the world to this Web Workshop to be held on 30 Sept. as an outreach session of the Extended Workshop, in order to share the latest DSS research and discuss on the current trend of DSS research and future prospect of the DSS research related to sub-seasonal to seasonal (S2S) forecast and long-term variation.

### ■ **Arrangement:**

- Date and Time: 30 September 2021, 1:30-4:30 (UTC)
- 10:30-13:30 (JST/KST:UTC+9) / 9:30-12:30 (CST)
- Style: Web workshop (using Webex (TBC))
- Language: English

### ■ **Expected participants:**

- DSS WGI members (Experts, Focal Points and Officials from TEMM and Mongolia)
- DSS WGII members (Experts, Focal Points and Officials from TEMM and Mongolia)
- Researchers and experts from other organisations and institutions over the world who are interested in the subject of the Workshop

### ■ **Registration for non DSS WGI nor WGII members**

Any researchers and experts who are interested in the subject are welcome to join the Web Workshop (Outreach Session of the Expanded Workshop).

**Please register here:** <https://forms.office.com/r/kzGRHZeWaH> by 24 September 2021

■ **Program of the Web Workshop (Outreach Session of the Extended Workshop)**

<b>Time (UTC+9)</b>	<b>Agenda</b>
10:30-10:35	<b>Opening</b>
10:35-11:00	<b>Keynote speech</b> Mr. Takashi MAKI, Meteorological Research Institute, Japan - To raise issues and have a common understanding on the relationship between DSS and climate change.
11:00-11:45	<b>Presentations</b> - To share the latest research on DSS and sub-seasonal to seasonal forecast and long-term variation, and the related research to this theme. - Six presentations will be introduced. <ul style="list-style-type: none"> <li>• Presentation 1: Researcher from China/Korea/Japan (TBD)</li> <li>• Presentation 2: Researcher from China/Korea/Japan (TBD)</li> <li>• Presentation 3: Researcher from China/Korea/Japan (TBD)</li> </ul> Note: The presentation order is subject to change.
11:45-11:55	<b>Coffee break</b>
11:55-12:40	<b>Presentations (cont.)</b> <ul style="list-style-type: none"> <li>• Presentation 4: Researcher from Mongolia (TBD)</li> <li>• “<i>Prediction and Detection of Variability in Asian Dust Emission and Transport Affected by Climate Change</i>” Dr. Atsushi SHIMIZU, National Institute for Environmental Studies, Japan</li> <li>• Presentation 6: Dr. Huizheng CHE, World Meteorological Organization Sand and Dust Storm Warning Advisory and Assessment System Regional Centre for Asia</li> </ul>
12:40-13:25	<b>Relay comments from presenters and Q&amp;A from audience</b> <i>Facilitator: TBD</i> Presenters make comments on the current trend of DSS research and future prospect of the DSS research related to sub-seasonal to seasonal (S2S) forecast and long-term variation. After the relay comments, there will be Q&A time from audience.
13:25-13:30	<b>Closing</b>

■ **Note for Presenters**

The presentation material and abstract shall be submitted to the secretariat by 24 September 2021.

■ **Secretariat**

Overseas Environmental Cooperation Center, Japan (<https://www.oecc.or.jp/en/>)

Contact: [temm.dss.outreach@oecc.or.jp](mailto:temm.dss.outreach@oecc.or.jp)

■ **Sponsors**

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