Orientation on the Hands-on session
What to do in hands-on session?

We will address the impact of Boreal Summer Intraseasonal Oscillation (BSISO) on the climate in your country.
ISO: the most dominant variability in subseasonal time scale over the tropics

- MJO (Madden-Julian Oscillation): during Boreal Winter
- BSISO (Boreal Summer Intraseasonal Oscillation): during Boreal Summer
Lecturers

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A-young Lim

BSISO impact study and Improvement of BSISO forecast

Operational BSISO forecast
What to do in hands-on session?

We will address the impact of Boreal Summer Intraseasonal Oscillation (BSISO) on the climate in your country.

* Required data
1. BSISO index
2. station data
to look at the impact on your country’s Temp/Precip.
3. Global data
to consider the large scale circulation related to BSISO
How to do?

#1. Composite analysis

#2. Using station data and gridded data for target area
#1. Local effect related to BSISO

#2. Large scale cir. related to BSISO
#1. To understand the characteristics of BSISO

#2. To find the impact of BSISO on the climate in your country

#3. To get some source codes

#4. To learn how to use the Fortran and GrADs
<table>
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<th>Task</th>
<th>Software</th>
<th>Source Code Path</th>
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<td>23 (Mon.) PM</td>
<td>• Hands-on Orientation</td>
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<td>• Pre-processing of station data</td>
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<td>24 (Tue.)</td>
<td>• Introduction to the BSISO</td>
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<td>25 (Wed.) PM</td>
<td>• BSISO impact using station data</td>
<td>Fortran</td>
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<td>26 (Thu.) AM</td>
<td>• BSISO impact on atmospheric circulation</td>
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<td>27 (Fri.) AM</td>
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How to do?

#1. Composite analysis

#2. Using station data and gridded data

#3. Practice individually and make a group presentation
Pakistan

India

Myanmar

Vietnam

Bangladesh

Thailand

Malaysia

Indonesia

Papua New Guinea

Taiwan

Myanmar

Vietnam

Thailand

Malaysia

Indonesia

Papua New Guinea

Taiwan

Pakistan

India
What to do in hands-on session?

* Required data

1. BSISO index
2. station data to look at the impact on your country’s Temp/Precip.
3. Global data to consider the large scale circulation related to BSISO

We will address the impact of Boreal Summer Intraseasonal Oscillation (BSISO) on the climate in your country.
APCC Supercomputer
IP address : 210.98.49.132
Username : tuser01 to tuser20
Password : tuser??APCC@!

Ex) tuser01APCC@!
Upload your data to /scratch/S2S/tuser/