

Current status of operations of East Asia winter Climate Outlook Forum (EASCOF)

Yasushi MOCHIZUKI
Tokyo Climate Center
Japan Meteorological Agency



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

**WMO International Workshop on Global
Review of Regional Climate Outlook
Forums, Ecuador, 5 – 7 September 2017**

EASCOF background

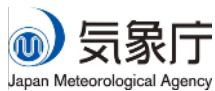
The East Asia winter Climate Outlook Forum (EASCOF) aims to share recent understanding of phenomena related to seasonal prediction on **the East Asian winter monsoon** as well as discuss seasonal outlook of the coming winter.

- Participating countries and WMO global and regional centers



China (the China Meteorological Administration (CMA))

- GPC Beijing, RCC Beijing (Beijing Climate Center)



Japan (the Japan Meteorological Agency (JMA))

- GPC Tokyo, RCC Tokyo (Tokyo Climate Center)



Republic of Korea (the Korea Meteorological Administration (KMA))

- GPC Seoul, LC-LRFMME



Mongolia (National Agency for Meteorology and Environment Monitoring (NAMEM) of Mongolia)

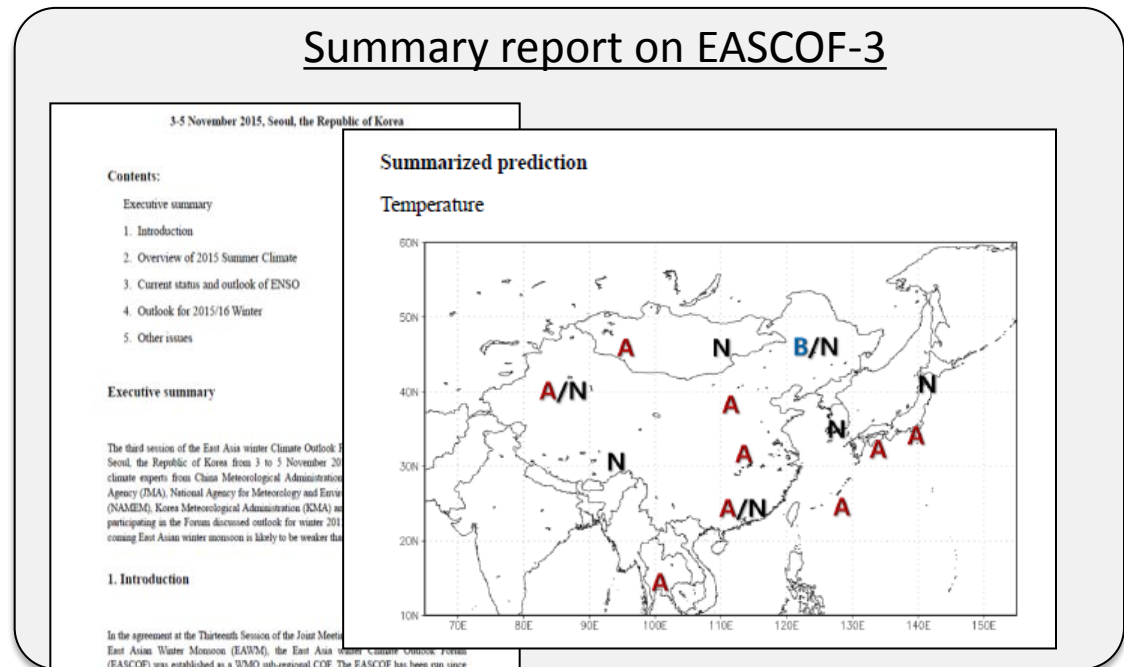


EASCOF Output

EASCOF summarizes the following outcomes.

- Information on the latest climate conditions
 - surface climate conditions (Temp., Prec., SST, etc)
 - atmospheric circulation
 - sea ice extent
- Consensus outlook

Summary report on EASCOF-3



The EASCOF process (1/2)

During the forum -sessions in the forum-

- Current Status and Future Plan of Seasonal Forecasting Service
- Understanding of the Mechanism on East Asian Winter Monsoon
- Overview of recent East Asian Monsoon and ENSO current status
- Seasonal outlook for each country from NMHSs
- Discussion



a photo taken at EASCOF-4

The EASCOF process (2/2)

After the forum

- Further value addition and dissemination of outlooks to stakeholders at national scale



CMA domestically disseminates the output products from EASCOF to support the national and provincial seasonal forecast in China.



KMA hosts domestic expert meeting for seasonal climate outlook every three months. In the meeting prior to winter season, KMA shares the consensus outlooks of EASCOF with experts and determines final forecast through further discussion.

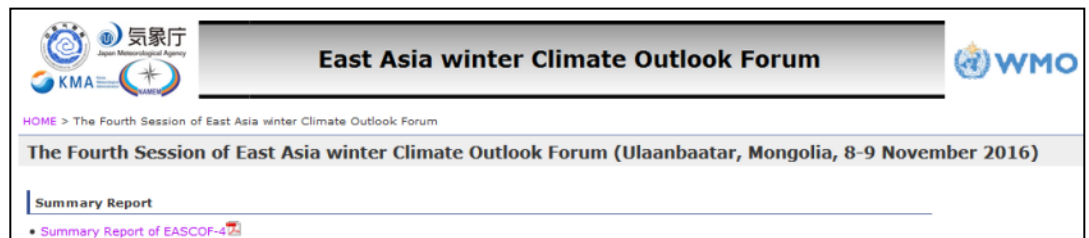


NAMEM updates seasonal climate outlook every month. After EASCOF, NAMEM takes the consensus outlooks of EASCOF and domestic experts discussion into consideration for issuing next update.

Materials



[EASCOF website](#) ->



User Involvement

There has been no participations of “users” like stakeholders and relevant communities so far.

- Main aims of EASCOF are to discuss seasonal outlook of the coming winter and to exchange information and expertises on analysis method and forecast technique especially applied to monsoon activities in East Asia among the experts.

In EASCOF-5 to be held this November, a session which aims to share good practices for user engagement in each country is newly allocated.

- JMA, coordinator of EASCOF-5, plans to invite speakers from user sector in Japan and ask them to present their lessons learnt through utilizations of climate information.
- Participating countries will also deliver a presentation on relevant topics.

Roles of RCC for sustainability of EASCOF

To contribute to the development of consensus outlook and exchange of expertise for climate outlook through following activities;

- Provide certainly numerical prediction products for the basis of consensus outlook
- Coordinate and promote the interpretation and application of the (multi-) model ensemble prediction from GPCs and RCCs within RA
- Send forecasters to the session of EASCOF who can interpret and assess GPC and RCC product

To actively communicate with the research community and to promote sharing of information on the state-of-the-art expertise and techniques for climate services in the forum

Way Forward

Efforts in science

- To promote meteorological understandings of the East Asian monsoon system
- To promote continuous involvement of research community

User engagement

- To share current status of utilizations of the long range forecast in each participating country and their activities for promotion of use of the forecasts, with aims the promotion for more utilizations of long range forecast through improvement of user interface

Thank you
謝謝你的聆聽
고맙습니다
Баярлалаа
ご清聴ありがとうございました



WMO OMM

World Meteorological Organization

Organisation météorologique mondiale