

# China Meteorological Administration

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**To:**

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Dear Dr. Alexandre A. Vasiliev

Referring to the letter from Dr. Alexander A. Karpov concerning about the updating and reviewing of the manual on Global Observing System, my suggestions on the follow-up revising of the Volume II (Region II) of Manual on the Global Observing System are as follows,

- To add the selecting principal of RBSN stations to the text of Volume II (Region II) of Manual on the Global Observing System

In XII-RA II (Seoul, September 2000), a new RBSN list was approved, which was prepared by the rapporteur on the Regional Aspects on the GOS. When revising the RBSN list, several principals were applied. These selecting principals have also been sent to the RA II members for comments and approved by the XII-RA II. So, it is necessary to include these selecting principals in the text of Volume II (Region II) of Manual on the Global Observing System. The principals are listed below,

- The revised RBSN should have a maximum spatial resolution of 150 km for the surface and 250 km for upper-air stations;
  - If an RBSN station had been "silent" according to monitoring results and another RBSN station located nearby (less than 100 km) had regularly reported its observation, the "silent" station should be replaced by the neighbouring station. If there were no regularly reporting RBSN station nearby, the "silent" station should remain on the list;
  - In data sparse areas, existing stations should fill gaps (according to Vol. A, publication No. 9) although these may have been previously included in the RBSN;
  - Those stations that Members propose to be in the RBSN list should remain in or be added to the new RBSN list.
- To include concept of RBCN and GCOS surface and upper-air observing stations in the Volume II (Region II) of Manual on the Global Observing System

Also in XII-RA II (Seoul, September 2000), one new concept - Regional Basic Climatological Network (RBCN) was introduced into the GOS. In addition, GCOS surface stations and upper-air stations have been determined before that. Therefore, these two issues should be reflected in the text Volume II (Region II) of Manual on the Global Observing System. And the existing paragraph 2.3 should be replaced by a new paragraph.

- To reflect regional arrangement on AMDAR project

Since the role of AMDAR data are becoming more and more important in the meteorological operation, the regional arrangement for AMDAR project should be reflected in the text of Volume II. Thus, a paragraph about such arrangement can be added.

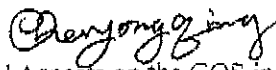
- To update the concerned text of the volume II

Due to the updating of context of the volume I of the manual on the Global Observing System, some relative text of the volume II should be modified according to the changes to the volume I.

My best wishes,

Sincerely yours,

Chen yongqing



Rapporteur on Regional Aspects on the GOS in RA II

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