

**WMO OMM**

World Meteorological Organization  
Organisation météorologique mondiale  
Organización Meteorológica Mundial  
Всемирная метеорологическая организация  
المنظمة العالمية للأرصاد الجوية  
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Annex: 1

Subject: Your cooperation in the monitoring of the WMO Information System (WIS)

Actions required: (1) Remind your WIS focal point that GISCs are required to provide WIS monitoring files  
(2) Inform your WIS focal point of the issues in the Annex

Dear Sir/Madam,

As you are aware, the Implementation Coordination Team for Information Systems and Services (ICT-ISS) of the Commission for Basic Systems met from 16 to 18 January 2018. That meeting was pleased to learn that the WMO Information System (WIS) monitoring was operational, and thanked the Global Information System Centres (GISCs) Beijing (<http://mon.wis.cma.cn/WCD>) and Tokyo (<http://www.wis-jma.go.jp/wcd/v1/top.html>) for providing the common monitoring dashboard. It also thanked GISC Brasilia for the components that it had provided for use within the dashboard.

Now that the WIS monitoring is operational, it is very important for all GISCs to share their monitoring information with all GISCs, but especially with GISCs Beijing and Tokyo. Please remind your GISC team that they should be providing, through your web server, the monitoring files for your GISC and centres in its area of responsibility (the format is specified in the document at <https://wis.wmo.int/file=2569>).

ICT-ISS also identified topics that WIS focal points of Members operating GISCs may need to discuss with their Permanent Representatives. These are identified in the Annex, and are: the GISC watch (GISCs taking turns to monitor the overall health of the WIS), arrangements for the next interim audit of GISCs, and the cache-in-the-cloud project (that seeks to simplify and reduce the costs of near real time information exchange between GISCs). Please kindly bring the Annex to the attention of your WIS focal point.

I thank you in advance for your cooperation.

Yours faithfully,

(W. Zhang)  
for the Secretary-General

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO operating Global Information System Centres (GISCs) (limited distribution)

cc: President of the Commission for Basic Systems of WMO

**For the attention of WIS focal points for Members operating GISCs**

The Implementation Coordination Team for Information Systems and Services (ICT-ISS) of the Commission for Basic Systems (CBS) met from 16 to 18 January 2018 and made four requests to GISCs. If necessary, there will be side meetings during CBS Technical Conference on Meteorological and Environmental Instruments and Methods of Observation (CBS-TECO) of representatives of centres operating GISCs to try to reach consensus on any of the topics for which there is not a unanimous positive response to these questions. If no consensus can be achieved during CBS-TECO, then Permanent Representatives responsible for GISCs will be asked to decide at a side meeting during the seventieth session of the Executive Council (EC-70).

**1. WIS Monitoring:** ICT-ISS noted that two GISCs were providing an operational WIS Common Dashboards (GISCs Beijing and Tokyo). GISCs need to make their JSON monitoring files available to those two centres.

**Action requested:** to make WIS monitoring JSON files available to GISCs Beijing and Tokyo. Files are required for the GISC itself, and ICT-ISS emphasized that files should also be provided for other centres in their Area of Responsibility (as monitored by the GISC).

**2. GISC watch:** ICT-ISS endorsed the proposal from ET-WISC for GISCs to participate in the "GISC watch" to provide daily identification and response to issues with the operation of the WIS, with each GISC in turn providing the service for a one-month period according to a roster maintained by ET-WISC. It proposed that the GISC watch should start on 1 May 2018.

**Action requested:** to confirm that your respective GISC will participate in the GISC watch roster.

**3. On-site auditing of GISCs:** ICT-ISS endorsed the views of ET-WISC and ET CAC that the interim audits of GISCs that were due to start in 2016 should be on-site. This requires the GISC being audited to pay for the travel and support of the auditors during the audit.

**Action requested:** to confirm that an on-site audit can be performed at your GISC is able to pay the costs of auditors performing an on-site audit at its next scheduled audit between September 2018 and June 2019.

**4. Participation in the cache in the cloud project:** the next phase of the cache-in-the-cloud project is to use the approach validated during the pilot phase to run the pre-operational and operational communications between GISCs for an initial period of three years. This means letting a contract to a supplier for the cloud service. WMO is investigating the potential annual cost of the service. GISCs are asked to work on an assumption that the cost would be US\$ 300,000 per year, so the cost for each GISC would be US\$ 20,000 per year if all GISCs participated and the cost is shared equally between all GISCs.

**Action requested:** ensure that a representative of your country who is attending CBS-TECO knows whether your GISC is able to pay its share of the cache-in-the-cloud costs.