



Our ref.: 28217/2022/I/GHG

1 December 2022

Subject: Announcement of the International Greenhouse Gas Monitoring Symposium,
Geneva, Switzerland, 30 January – 1 February 2023

Dear Sir/Madam,

I am pleased to inform you that the World Meteorological Organization (WMO) will be hosting an International Greenhouse Gas Monitoring Symposium in Geneva, Switzerland, on 30 January – 1 February 2023.

WMO is developing a concept for a sustained, internationally coordinated routine greenhouse gas monitoring infrastructure, in consultation with a broad group of stakeholders from both scientific and operational communities, and from policy-setting entities. This concept builds on WMO's experience with the Global Atmosphere Watch and its Integrated Global Greenhouse Gas Information System, and it incorporates some of the operational practices and globally coordinated and agreed methods used in the World Weather Watch.

The development of the infrastructure was strongly supported by the recent session of the Infrastructure Commission, and I am grateful for your valuable input towards the concept. The concept was further promoted at COP 27 in Sharm El-Sheikh. The data generated by this monitoring effort would support delivery of robust, quantitative information to nations and communities everywhere, including the Parties of the Paris Agreement, through tailoring to address mitigation action.

The Symposium will bring together the communities involved in greenhouse gas observations, modelling, data assimilation and related research in all domains of the Earth System. The Symposium will consist of invited and contributed plenary presentations and a series of round table discussion. A poster session is envisaged as well.

The Symposium will be conducted primarily as a face-to-face meeting; however, remote access will be made available in case any participant is not able to attend in person.

The tentative session titles are:

- Session 1: Global greenhouse gas monitoring – Setting the scene;
- Session 2: Greenhouse gases in Earth System modelling and data assimilation;
- Session 3: Observations, data exchange and data management;
- Session 4: Research and innovation for observations, modelling and flux attribution;

To: Permanent Representatives of Members with WMO

cc: WMO President and vice-presidents
Presidents of the Technical Commissions
Chair of the Research Board
Presidents of the Regional Associations
CEO CEOS, Chair and SIT Chair
Head of the CGMS Secretariat

- Session 5: Application of GHG monitoring information and related services - From spurring action by COP Parties to facility-level management.

All information about the Symposium is available at:

<https://community.wmo.int/meetings/wmo-international-greenhouse-gas-monitoring-symposium>.

The full programme and list of invited speakers will be updated on the Symposium web page by 14 December 2022. It will be possible to register for online participation through the same web page.

I will keep you apprised of the Symposium results via our regular communication channels.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Zhang', written in a cursive style.

Dr Wenjian Zhang
for the Secretary-General