



## WMO OMM

World Meteorological Organization  
Organisation météorologique mondiale  
Organización Meteorológica Mundial  
Всемирная метеорологическая организация  
المنظمة العالمية للأرصاد الجوية  
世界气象组织

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Our ref.: 03371/2020/SI/ARE

26 February 2020

Subject: Contribution to the refinement of the report on the use of low-cost sensors

Ref.: 03371/2020-16 RES-ARE

Dear Sir/Madam,

I wish to refer to the **Recommendation 18 (EC-70)** - Future WMO research and supporting activities (*Executive Council - Abridged Final Report of the Seventieth Session* (WMO-No. 1218)), that requests the Commission for Atmospheric Sciences, in collaboration with the Commission for Instruments and Methods of Observation, to continue developing guidance on good practices for characterization and utilization of emerging measurement technologies, including low-cost sensors and reference instruments.

The initial report on the use of low-cost sensors for atmospheric composition measurements was published as a WMO Report, (*Low-cost sensors for the measurement of atmospheric composition: overview of topic and future applications: valid as of May 2018* (WMO-No. 1215)).

Considering the area of low-cost measurements is fast evolving and there are examples of the successful implementation of this technology in WMO Member countries, I encourage you to share your experiences covering the period 2018-2019 on the dedicated forum at <https://wmoairsensor.discussion.community/> **before 30 April 2020**.

The input provided to the forum will be used by the expert team working with the Research Board and in cooperation with the Technical Commission on Infrastructure and other relevant bodies, institutions and organizations to update WMO-No. 1215.

I would like to express my appreciation for your continued support in promoting the Programmes and activities of WMO.

Yours faithfully,

(E. Manaenkova)  
for the Secretary-General

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO

cc: Hydrological Advisers to Permanent Representatives