

**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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7 February 2022

Subject: International Ultraviolet (UV) Filter Radiometer Comparison (UVC-III) campaign in 2022

Action required: Contact the World Calibration Center for UV if you would like to participate

Dear Sir/Madam,

Reference is made to [Resolution 33 \(Cg-18\)](#) - Advancing integrated health services, that adopted the WHO-WMO master plan on health, environment, and climate science to services. As part of the implementation of this plan, WMO would like to inform you about the Third International UV Filter Radiometer Comparison (UVC-III) which will be organized by the World Calibration Center for the solar UV Radiation (WCC-UV).

The comparison campaign will be held in Davos, Switzerland, from 13 June to 26 August 2022. The campaign is organized by the Physikalisch-Meteorologisches Observatorium Davos/World Radiation Center (PMOD/WRC) that serves as a WCC-UV for the Global Atmosphere Watch (GAW) Programme.

The UV Filter Radiometers are widely used by National Weather Services, Environmental Agencies and Research Institutions to measure UV radiation at surface level. Those observations are in the core of health-focused information and advisories as to when sun protection is required based on current and forecasted levels. The UV radiation sensors suffer substantial degradation due to their outdoor exposition; it is therefore crucial to perform regular comparisons of them against one or more standard sensors traceable to the standards operated by PMOD/WRC. Radiometer Intercomparisons (IC) allow to establish measurement accuracy, traceability and compatibility locally and globally. Participating UV sensors will be compared against reference radiometers calibrated at PMOD/WRC in Davos.

Interested participants should contact Dr G. Hülsen ([gregor.huelsen@pmodwrc.ch](mailto:gregor.huelsen@pmodwrc.ch)) or Dr J. Gröbner ([julian.Groebner@pmodwrc.ch](mailto:julian.Groebner@pmodwrc.ch)).

Further information will be available on the [PMOD/WRC website](#).

We encourage Members operating UV Filter Radiometers to participate in the planned comparison campaign.

Yours faithfully,

Dr Elena Manaenkova  
for the Secretary-General

To: Permanent Representatives of Members with WMO  
cc: Hydrological Advisers