



Our ref.: 00536/2025/I/ONM/NCI-Survey

13 February 2025

Subject: Survey on Non-Catchment Instruments for Precipitation Measurements

Action required: To distribute this letter to groups involved in the measurement of precipitation within your country

Dear Sir/Madam,

The third session of the WMO Commission for Observation, Infrastructure and Information Systems (Infrastructure Commission, INFCOM) which took place from 15 to 19 April 2024, agreed on the relevance of performing instrument intercomparisons, inter alia, of non-catchment precipitation gauges (optical disdrometers, acoustic instruments, radar instruments, and so forth), while taking into consideration the availability of resources. It also invited Members to share results from the experiments conducted on non-catchment precipitation gauges, and to possibly express interest in actively taking part in an intercomparison study of non-catchment precipitation gauges (for example, by providing a test site and/or calibration facilities or contributing to defining the scope and protocol of the intercomparison).

Based on this decision, the task of organizing an intercomparison study was assigned to the INFCOM Standing Committee on Measurements, Instrumentation and Traceability (SC-MINT) Expert Team on Surface and Sub-surface measurements (ET-SSM) in their work plan for the next intersession period (2024–2026).

In order to perform the assigned task, ET-SSM is conducting an international survey to understand Member requirements for non-catchment instruments for precipitation measurements (NCIs) and the scope of their current and planned use. This survey will inform the approach for the intercomparison study, providing Members with an opportunity to help frame the direction and focus of the study.

The survey is accessible at the following [link](#)

You are kindly requested to submit your responses at your earliest convenience, but no later than **31 March 2025** for further planning of the intercomparison.

Herewith, I wish to inform you that this survey has been shared with a wide range of correspondents, including all members of the SC-MINT expert teams, all WMO Integrated Global Observing System (WIGOS) National Focal Points, all OSCAR/Surface National Focal Points and members of other relevant communities.

To: Permanent Representatives of Members with WMO

cc: Hydrological Advisers
Executive Secretary, HMEI

Multiple answers per country are allowed in order to cover all application areas (real-time data, meteorology, climatology, hydrology, early warnings, research, and so forth). I herewith invite you to forward this letter to relevant groups within your service, and more broadly within your country.

Yours faithfully,

A handwritten signature in black ink, appearing to read "Ko Barrett", with a long, sweeping horizontal stroke extending to the right.

Ms Ko Barrett
for the Secretary-General