

Review of Day 1 recommendations about Measurement Quality Classifications



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World Meteorological Organization
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Recommendations (1)

1. Members are urged to implement Siting Classification for Surface Observing Stations on Land and share their experience with this implementation.
2. CIMO Task Team on Classification Schemes (TT-Class) is invited to examine Siting Classification in the sense of its applicability for different terrain (for example, mountain areas, steep slopes, urban areas) and provide updates and/or guidance, as necessary.



Recommendations (2)

3. Measurement Quality Classification scheme is recognized as a helpful tool for increasing reliability of the measurement data and enabling improvement of measurement quality.
4. Possible challenges expressed by survey respondents, such as many low-class stations or a need for additional human resources to implement the scheme, should be turned into opportunities for overall improvement of measurement quality.



Recommendations (2)

5. TT-Class is encouraged to clearly indicate benefits of implementation of the classification schemes, in the introductory text of the schemes, and consider development of relevant guidance material.
6. TT-Class is invited to consider inclusion and interpretation of different averaging intervals in Measurement Quality Classifications for Surface Observing Stations on Land.



Recommendations (3)

7. Finalization and approval of the Measurement Quality Classification Scheme is strongly supported by the Workshop participants
8. Future development of Measurement Quality Classification Scheme could include measurands at remote sensing (weather radars, wind profilers, lidars, etc.), and upper-air stations, based on available resources.
9. TT-Class is invited to explore possibilities for development of quality classifications for manual measurements.



Recommendations (4)

10. WIGOS Task Team on Metadata is invited to consider inclusion of indicators of both classification schemes as optional metadata in the WIGOS Metadata Standard.
11. Members are encouraged to share their experience with maintenance and field calibrations by submission of relevant guidance material to be posted on CIMO Knowledge-sharing portal:
https://www.wmo.int/pages/prog/www/IMOP/Knowledge-sharing_Portal.html



Thank you Merci



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