WMO SPICE Teleconference

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| --- | --- | --- | --- |
| Date | 02.06.2016 | Time | 15:00 – 17:00 (UTC+2) |
| Purpose | SPICE | | |
| IOC member attendees (strike though if not attending) | R. Nitu, ~~B. Baker, J. Hendrikx, H. Liang,~~ Y.-A. Roulet, ~~F. Sabatini, V. Vuglinsky~~ | | |
| IOC ex-officio member attendees (strike though if not attending) | ~~S. Bilish (Australia)~~ C. Smith – ~~D. Yang~~ (Canada), ~~S. MacDonell (Chile) S. Morin (France) A. Kontu (Finland)~~  ~~G. Diolaiuti (Italy) S. Nakai~~, ~~N. Hirasawa~~ (Japan)  ~~S. Han (Rep. Korea) D. Bocchiola (Nepal)~~  ~~C. Zammit (New Zealand)~~ M. Wolff (Norway) ~~M. Karzynski (Poland)~~  ~~A. Koldaev – A. Timofeev (Russian Fed.)~~ S. Buisan (AEMET-Spain)  R. Rasmussen (USA) ~~L. Lanza (Italy)~~ | | |
| Other Attendees  (optional) | ~~M. Colli, M. Earle, B. Goodison, H.-R. Hannula, K. Iida,~~ J. Kochendorfer, T. Laine, ~~S. Landolt, Gyu-Won Lee, L. Leppänen, E. Mekis, A. Reverdin,~~ I. Rüedi, ~~A. Senese, A. Umehara, E. Vuerich, Kai Wong, J. Thériault, P. Joe~~ | | |
| Distribution | All attendees, IOC (including IOC ex-officio members) | | |
| Moderator | R. Nitu | Recorder | Y.-A. Roulet |

Meeting Records (A = Action / D = Decision / I = Information)

| **#** | **A / I / D** | **Item Description** | **Owner** | **Due Date** |
| --- | --- | --- | --- | --- |
| 1 | **I** | Presentation on “Measurements under high winds conditions or in complex terrain” (referring to Chapter 5.2.3 and 5.2.4 in the Final Report) | Mareile |  |
| 2 | **A** | Relationship between noise level on the measurement and high wind speed (above 8m/s) is obvious for some instruments/configurations (events from Haukeliseter and Weissfluhjoch). Hard to draw conclusions at that stage 🡪 need more examples of events with high winds from other sites.  Site managers to provide Mareile with dates of events with high wind speed. | Site managers | June 15 |
| 3 | **I** | Impact of structures on or near the site, like the DFIR, on the wind measurement was shown (as a function of wind direction) 🡪 quality of the wind data may be impacted, and in turn may impact the application of the transfer function on the precipitation data.  More thoughts needed on how to define recommendations on wind measurement used for transfer function (CIMO standards vs measurement representative at orifice of the gauge). |  |  |
| 4 | **A** | Flow conditions in and around the DFIR under high wind condition is not known (drifting snow, wind channel under the slats accelerating the flow, etc.) 🡪 Roy to ask Julie to perform flow simulation in and around the DFIR, varying wind speed (up to 20m/s) and DFIR height (i.e. free space below the slats, which are always the same length). | Roy | June 10 |
| 5 | **A** | Julie to perform flow simulation in and around the DFIR, varying wind speed (up to 20m/s) and DFIR height (i.e. free space below the slats, which are always the same length). | Julie | ??? |
|  |  | **For next teleconference(s)**:   * 9 June: Weighing gauges | Rodica, Kai |  |

Attachments:

Document on “Measurements under high winds conditions or in complex terrain” (Mareile)