

WORLD METEOROLOGICAL ORGANIZATION

SCOPE-Nowcasting-1/Doc. 2.2  
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COMMISSION FOR BASIC SYSTEMS  
OPEN PROGRAMME AREA GROUP ON INTEGRATED OBSERVING SYSTEMS

EXPERT TEAM ON SATELLITE UTILIZATION AND PRODUCTS

ITEM: 2

**SCOPE-Nowcasting Ad-hoc Steering Group, First Meeting**

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## **Implementation Criteria for SCOPE-Nowcasting**

*(Submitted by the Secretariat)*

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### **Summary and Purpose of Document**

This document states the criteria used to select and guide pilot projects for SCOPE-Nowcasting.

Reference: 7<sup>th</sup> session of CBS Expert Team on Satellite Utilization and Products (ET-SUP),

[http://www.wmo.int/pages/prog/sat/documents/ET-SUP-7\\_Final-Report.pdf](http://www.wmo.int/pages/prog/sat/documents/ET-SUP-7_Final-Report.pdf)

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### **SCOPE-Nowcasting Pilot Project Implementation Criteria**

The following criteria should be met by each pilot project, to ensure the focus of SCOPE-Nowcasting, to achieve precise definitions of projects, and to facilitate the discussion. These criteria were suggested by the WMO CBS Expert Team on Satellite Utilization and Products [R-1].

- a. use of multi-satellite data;
- b. dataset formats can be read by standard tools;
- c. concise (<2 pages) product documentation including a description on: general product characteristics, data format, data fields, originating satellite datasets, algorithm, validation and uncertainty estimate, limitations;
- d. open and easy access;
- e. available in near-real time (<6h);
- f. availability of training information; and
- g. an official commitment from all agencies involved in the project.

In addition, the Team suggested that the following questions should be asked for each pilot project:

1. are the multi-satellite data consistent?
2. what is the source of dataset and products?
3. are the products validated and is there an error estimate?
4. what are the limitations of the product?
5. what is the timeliness?
6. how will the data be available to the users?
7. who are the users?
8. what basic infrastructure is required to use the data?
9. how is the product used?
10. can the product be used in combination with others providers' products?
11. what is the Pilot Project timetable?
12. how can users be trained in use of the product?

#### References:

[R-1]: 7<sup>th</sup> session of CBS Expert Team on Satellite Utilization and Products (ET-SUP),  
[http://www.wmo.int/pages/prog/sat/documents/ET-SUP-7\\_Final-Report.pdf](http://www.wmo.int/pages/prog/sat/documents/ET-SUP-7_Final-Report.pdf)