

WORLD METEOROLOGICAL ORGANIZATION

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(6.III.2015)

COMMISSION FOR BASIC SYSTEMS
OPEN PROGRAMME AREA GROUP ON INTEGRATED OBSERVING SYSTEMS

INTER-PROGRAMME EXPERT TEAM ON SATELLITE UTILIZATION AND
PRODUCTS

ITEM: 8.1.4

FIRST SESSION

Original: ENGLISH

GENEVA, SWITZERLAND, 16-19 MARCH 2015

SCOPE-Nowcasting Pilot Project 4: Sand and Dust Monitoring in RA II

(Submitted by Hye-Sook Park, SCOPE-Nowcasting Focal Point, KMA)

Summary and Purpose of Document

Related to the SCOPE-Nowcasting Pilot Project 4 (Sand and Dust Products), KMA has developed the new sand and dust detection algorithm using 4 channels of COMS/MI: 3 IR channels with VIS channel, to improve the previous algorithm which uses 2 IR channels. KMA is testing and validating the performance of this algorithm with surface observation data.

If the Himawari-8 data is disseminated via the HimawariCast service from mid-2015, KMA will apply this new COMS algorithm to the Himawari-8/AHI.

ACTION PROPOSED

The session is invited to note.
