

WORLD METEOROLOGICAL ORGANIZATION

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(3.IV.2014)

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

EXPERT TEAM ON SATELLITE UTILIZATION AND PRODUCTS

ITEM: 7

EIGHTH SESSION

Original: ENGLISH

GENEVA, SWITZERLAND, 14-17 APRIL 2014

### **Use of visualization tools: Example case from RA I**

*(Submitted by Ignatius Gitonga Gichoni, KMD)*

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

This document describes input for agenda item 7.2.1: Visualization of satellite data at KMD based on the SYNERGIE system.

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#### **ACTION PROPOSED**

The eighth session is invited to:

- (a) Note the current status of satellite data visualization in Kenya.
  - (b) Note the importance of keeping the developing countries at pace with the rapidly changing satellite technology in terms of data provision, access, visualization and utilization.
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## **DISCUSSION**

Considering item 7.2.1 of ET-SUP-7 concerning RAI data stream via EUMETCast, and the then subsequent KMD perspective with regard to satellite data reception and visualization, the current status is that data accessibility at KMD has really improved.

Prior to the WMO RAI Dissemination Expert Group's (RAIDEG) effort of having the regional data stream improved, the visualization system SYNERGIE, which is the main operational satellite data access platform in most RAI countries, gave access to limited data. Currently, with the *upgraded* version of SYNERGIE, much more data is accessible, such as NDVI / vegetation products, based on the EUMETCast data stream.

Appreciation is expressed to EUMETSAT and RAIDEG for this endeavor.

On the same note, due to the ever increasing volume and diversity of satellite and model data, there is need to have continued capacity building and data access systems upgrades in RAI countries.