



RAI-DEG

(RA I – Dissemination Experts Group)

12TH ASIA-OCEANIA METEOROLOGICAL SATELLITE USERS' CONFERENCE – NOVEMBER 2022

RAIDEG CHAIR - SARAH KIMANI

LEON-GUY RAZAFINDAKOTO (CO – CHAIR)

RA-1 Dissemination Expert Group

- ▶ Established in 2010 by the WMO and in cooperation with EUMETSAT
- ▶ Endorsed as a WMO Expert group by WMO RA-I at its 16th session in 2015
- ▶ Included as Expert Group under WMO RA-I Committee on Infrastructure since 2022

- ▶ The overall role is:

To improve satellite data accessibility and user awareness in RA-1

- ▶ The overall purpose is:

To optimize data and product dissemination through EUMETCAST and usage by the African Community

Group Membership

- ▶ One National Meteorological Services per region
 - Morocco (Northern Africa)
 - Senegal (Western Africa)
 - Congo-Brazzaville (Central Africa)
 - South Africa (Southern Africa)
 - Mauritius (Indian Ocean region)
 - Kenya (Eastern Africa)
- ▶ WMO-CGMS Vlab Regional Training Centers in Africa (IMTR, SAWS, EAMAC, MeteoMaroc)
- ▶ ACMAD
- ▶ JCOMM representation (Univ. of Ghana)

As secretariat of the RAIDEG

- ▶ EUMETSAT
- ▶ WMO Secretariat

| NAME | REPRESENTING |
|-------------------------------------|------------------------------------|
| Maxient Kambi | Central Africa (Congo-Brazzaville) |
| Vacant | Eastern Africa |
| Kumar Ram Dhurmea | Indian Ocean (Mauritius) |
| Tareq Soubai | Northern Africa(Morocco) |
| Abdoulaye Diouf | Western Africa |
| Nico Kroese | Southern Africa (South Africa) |
| Kwame Adu Agyekum | JCOMM (Ghana) |
| Leon-Guy Razafindakoto (Co – Chair) | ACMAD |
| Diakara Kone | CGMS-VLAB Centre at EAMAC |
| Winifred Jordaan | CGMS-VLAB Centre at SAWS |
| Tareq Soubai | CGMS-VLAB Centre at the DG Morocco |
| Sarah Kimani (Chair) | CGMS-VLAB Centre at KMD |

Update of the ToR

The proposed ToR of the RAIDEG have been updated to take into consideration:

- ▶ The new WMO RA-I Strategic and Operating Plan
- ▶ The transition to new generation of satellite products (e.g. MTG) and the AMSAF
- ▶ The emerging new satellite data access technologies

Current activities of the RAIDEG group

- ▶ EUMETCast-Africa baseline of products (MTG)
- ▶ Development of Nowcasting guidelines Doc
- ▶ Investigation of EUMETCast-Terrestrial data feed in regions
- ▶ User needs for satellite, NWP and relevant software
- ▶ Defining training needs for satellite and NWP (incl. MTG)
- ▶ PUMA and MESA station needs, infrastructure and performance
- ▶ Marine product and service requirements

Main outcomes of the 13th RAIDEG meeting

- ▶ Elected as vice-Chair, **Mr Leon-Guz Razafindrakoto (ACMAD)**
- ▶ Reviewed EUMETCast-Africa dissemination baseline
- ▶ Updated the MTG-Africa product list (study Instability index products) and discuss MTG training plan
- ▶ Discuss rainfall estimate products:
 - ▶ Future update on EUMETSAT H-SAF rainfall products (H3-O3B)
 - ▶ Adding the JAXA-GSMap rainfall estimate product to EUMETcast
- ▶ Discuss new data access mechanism (EUMETCast, EUMETView, Cloud)
- ▶ Discuss the PUMA-2015 survey and the climate station

Work plan for years to come - Main priorities

- ▶ Transition to MTG
- ▶ New PUMA stations specification and deployment
- ▶ Provide advice on AMSAF and use of cloud computing to process satellite data
- ▶ Continuous update of EUMETCast dissemination baseline
- ▶ Network with RAIDEG National Focal Point
- ▶ Implementation of RFGs for RA I

Thank you