

7th WMO RAI Dissemination Expert working Group RAIDEG report

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

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World Meteorological Organization

Organisation météorologique mondiale

Overview

- Established in 2010 by WMO, in cooperation with EUMETSAT
- Endorsed by WMO RA-I at its 16th session in 2015, as part of its Working Group on Observations Telecommunications and Infrastructures
- **Its overall role is: to improve satellite data accessibility and user awareness in RA-I.**
- **Its purpose is:** to optimise data and products dissemination through EUMETCAST and usage by the African community



Terms of Reference

- a) Collect, review and maintain requirements for access to meteorological and environmental data and products by NMHSs and partner organizations in Africa;
- b) Analyze the requirements for satellite-based products expressed by African NMHSS, Centres of Excellence, Training Institutes and other environmental monitoring organizations in Africa making use of EUMETCast and Global Telecommunication System (GTS) dissemination services; and
- c) Make recommendations on the requirements for products and on the assignment of priorities, aiming at optimizing product dissemination through EUMETCast or the GTS.

RA-I Dissemination Expert Group (RAIDEG)

Scope

- The primary scope of the Expert Group is to **identify and document** the needs of the Region in the areas of **meteorological/environmental data and satellite derived products** in order for Members **to fulfill their national or international obligations in support of protection of environment, life and property and spur their socio-economic developments.**



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RA-I Dissemination Expert Group (RAIDEG)

The Expert Group is composed of experts from the:-

- **National Meteorological Services;**
 - Morocco, for Northern Africa,
 - Senegal, for Western Africa,
 - Congo, for Central Africa,
 - South Africa, for Southern Africa,
 - Mauritius, for Indian Ocean region, and
 - Kenya, for Eastern Africa.
- **Regional Training and Climate Centres (IMTR, SAWS, EAMAC, ACMAD);**
- **MESA RIC for oceanic thema (Univ of Ghana)**
- **EUMETSAT; and**
- **WMO Secretariat.**

In addition, Zimbabwe has nominated a focal point to RAIDEG, for liaison with the RAIDEG representative for Southern Africa.



RAIDEG

RAIDEG needs you and you need RAIDEG!



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RA-I Dissemination Expert Group (RAIDEG)

Activities of the Group include:

- Feedback on the EUMETCast-Africa baseline
- Expression of user needs for satellite data, NWP products and software
- Defining the training needs related to satellite and NWP products
- User feedback on MESA implementation
 - Invitation to MESA infrastructures tender evaluation
 - Factory acceptance tests
- Expression of marine products needs and service requirements
- User representation in preparation for Meteosat Third Generation (MTG)
 - MTG for Africa Project Study; lots of discussion for the optimum data to send in Africa bearing in mind the bandwidth limit



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RECOMMENDATIONS

1. Noting the formal adoption by the Regional Association of RAIDEG to coordinate regional data requirements, PRs are requested to provide focal points as already invited by the Regional Association I President. Focal points will be asked to comment on the access and utilisation of data currently disseminated to and within Africa and any training requirements and any recommendations to WMO regional and programme management.
2. Meteorological directors and leaders of other relevant organisations are invited to take note of the MTG dissemination challenges and to follow the dialogue through their point of contact with RAIDEG and, to inform RAIDEG through their point of contact of their needs to ensure these are properly considered.

3. RAIDEG notes that the concept of an African Satellite Application Facility has been raised on several occasions. The idea seems to be to have a capacity within the continent to drive products from satellite data for distribution and use within the continent, this would build upon existing capacities. In order for this to progress 3-4 centres/countries within the region should explore further how this concept could be matured.
4. RAIDEG notes the improvement of the PUMA 2015 however it is aware that recent critical product enhancements are not processed by the station software and therefore request the AUC to explore timely upgrade through the MESA project.
5. RAIDEG notes reports from users after the installation of their PUMA 2015 station upgrade that not all products were visualised immediately. RAIDEG therefore requests that the PUMA 2015 implementation team check the configuration of the PUMA 2015 stations to verify that all required data are displayed during the first day of installation.



Thank you Merci



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